

Reg. No. 16586 12.08.2026**ANNEX 1c. Self-assessment report of state or private higher education institutions in the last 5 years**Noticed,
RECTOR,

Prof. univ. dr. habil. Liviu-George MAHA

SELF-ASSESSMENT REPORT**1. Identification data****1.1 Name of the research organization**

„Alexandru Ioan Cuza” University of Iași

1.2 The act of establishment, as amended

The „Alexandru Ioan Cuza” University of Iași was established by the Princely Ordinance no. 13795 of October 26, 1860, issued by Prince Alexandru Ioan Cuza, by approving the University's Statutes.

1.3 Registration number in the Register of Potential Contractors

RPC 1813 account associated CIF 4701126

1.4 Legal representativeRECTOR, Prof. univ. dr. habil. LIVIU-GEORGE MAHA**1.5 Contact person**Vice-rector, Prof. univ. dr. habil. ROMEO-IULIAN OLARIU**1.6 Field of activity**

The „Alexandru Ioan Cuza” University of Iași (UAIC) has the mission of advanced education and research and aims to develop and promote the results of knowledge and the values of classical European humanism through education, research and services to the community. The University supports and promotes, by all specific means, fundamental research and applied research in the fields corresponding to the study programs and research directions developed in the University, from the exact sciences, natural sciences, social sciences and humanities to engineering sciences, as well as in the field of physical education and sport, in accordance with the requirements of a society based on progress, in the name of the public good and in compliance with the principles of professional ethics.

Through its research activity, the University contributes to the development of science, education and culture at national and international level, to the hoarding, capitalization and enrichment of scientific and cultural creation of national and universal interest and participates in the development and modernization of the local, regional and national community through the transfer of knowledge, innovation and expertise. At the same time, the University ensures the initial and continuous training of students and researchers and contributes to the social, economic, cultural and political development of the community by capitalizing on the results of education and research activities.

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Website: www.uaic.ro;E-mail: rectorat@uaic.ro**2. Brief Overview of the Research Organization****2.1 History**

The history of the „Alexandru Ioan Cuza” University of Iași reflects the evolution of modern scientific research in Romania and the progressive transformation of a classic institution into a comprehensive research university, integrated into the European academic space. During its more than



165 years of existence, institutional development has been constantly correlated with the consolidation of scientific performance, the development of research infrastructure and the training of human resources for research.

Foundations of modern academic research (1860–1918)

[Officially established on October 26, 1860](#), through the approval of the University Statutes by Prince Alexandru Ioan Cuza, the University constituted the first modern institutional framework of higher education in Romania. The initial organization by faculties and the subsequent development of academic structures created the framework for the development of education and research activities in fundamental fields of knowledge, contributing to the consolidation of Romanian scientific research. The deed of establishment of the "Alexandru Ioan Cuza" University of Iași is presented in a scanned copy in **Annex 1**.

At this stage, the premises for the development of research activity were created and strengthened through the organisation of experimental laboratories, the emergence and continuity of scientific publications ([Annals of the University, from 1900](#)), the development of doctoral studies and the affirmation of research directions in botany, chemistry, experimental psychology and radiology. These developments have contributed to the development of scientific research, to the consolidation of the University's scientific heritage and to the increase in the visibility of research results.

In the same context, the scientific heritage of the University has been developed by consolidating ["Anastase Fătu" Botanical Garden](#), which has supported research activities in the natural sciences and has become a representative component of the research infrastructure and the scientific and cultural heritage of the UAIC.

Strengthening of scientific schools and academic affirmation (1918–1947)

The interwar period was characterized by the consolidation of the research activity and the affirmation of the University in the national and international scientific life. Organization of scientific events, development [The Marine Biological Station "Prof. Dr. Ioan Borcea" from Agigea, Constanta county \(1926\)](#) and the expansion of teaching and research activities have contributed to the development of scientific schools in the field of exact sciences, natural sciences, social sciences and humanities. During this period, collaborations and cooperation relations with higher education and research institutions in the country and abroad were strengthened, the continuity of scientific schools and the training of new generations of researchers were ensured.

Institutional continuity and development (1948–1989)

In the context of the institutional reorganizations specific to the period, the University ensured the continuity of education and research activities. Fundamental research and applied research continued in the fields related to the University's multiple specializations, with doctoral studies and scientific publications being maintained. Starting with the '60s, the international cooperation relations in the field of research were resumed and developed, creating the premises for the further development of scientific research within the University.

Institutional reconstruction and diversification of research activities (1990–2000)

The period 1990–2000 represented for the "Alexandru Ioan Cuza" University of Iași a stage of institutional reconstruction, characterized by the regaining of university autonomy, the consolidation of education and research activities and the development of cooperation relations with higher education and research institutions in the country and abroad.

An important moment of this period was the establishment, in 1992, of the [Faculties of Computer Science](#) which contributed to the [development of research activities in the field of computer science](#) and to the extension of interdisciplinary collaborations with the other research areas within the University.

During the same period, the research infrastructure and mechanisms for disseminating research results were developed. Established in 1990, [„Alexandru Ioan Cuza” University Publishing House](#) contributed to capitalizing on and promoting the research results and increasing the visibility of the scientific activity carried out within the University.

The University's teaching and research stations have also been strengthened and developed (["Petre Jitariu" Biological Station in Potoci, Neamț county](#), ["Ion Gugiuman" Student Research and Practice Station, in Rarău, Suceava county](#), ["Simion Mehedinți" Research and Student Practice Station in Tulnici, Vrancea county](#)) who supported the development of research activities and training through



doctoral studies in fields specific to field activities, contributing to the development of the research infrastructure and to the capitalization of the research results.

By developing research fields, strengthening the research infrastructure, expanding cooperation relations and increasing the visibility of research results, the University has strengthened its institutional research capacity and created the premises for the further development of research and innovation activity.

Strengthening the institutional organisation of research and developing research infrastructure (2001–2019)

The period 2001–2019 was distinguished by the consolidation of the institutional framework of research, the development of interdisciplinary approaches and the expansion of the research infrastructure, in line with the University's mission in the field of education and advanced research. An important moment in this evolution was the year 2008, when, through [ANCS Decision no. 9673/17.06.2008](#), the University was accredited as a unit of the research and development system of national interest, in accordance with GD no. 551/2007. Subsequently, in 2011, by [MECTS Order no. 5262 of 5 September 2011](#) The University has been classified in the category of universities of advanced research and education.

In the first stage of this period, the University initiated the development of an institutional framework dedicated to interdisciplinary research, by organizing research structures oriented towards the development of fundamental and applied research and promoting collaboration between different fields of knowledge. In 2006, the Interdisciplinary Training and Research Platform in the field of archaeology was established, which created the framework for collaboration between academic staff and researchers in the fields of archaeology, history, archaeometry, anthropology, geography and biology and was the basis for the development of the [ARHEOINVEST Center](#).

An important step in consolidating the institutional organization of research was the establishment, in 2007, of the Department of Interdisciplinary Research – Socio-Human Field, and of the Department of Interdisciplinary Research – Exact Sciences and Natural Sciences. These structures created the institutional framework for the development of interdisciplinary research, the formation of research teams and participation in national and international research programs and projects.

Between 2010 and 2014, through the implementation of institutional development projects, the University developed modern research infrastructures, materialized by the establishment of centers [CERNESIM](#) and [RAMTECH](#), which have strengthened institutional research capacity and expanded the possibilities for conducting fundamental and applied research in strategic areas.

The evolution of these structures materialized in 2019 through the reorganization of interdisciplinary research departments, research centers and infrastructures within [Institute for Interdisciplinary Research \(ICI\)](#), which brought together the main research structures of the University in a unitary institutional framework, dedicated to the development of interdisciplinary research, the coordination of research activities, the development of the research infrastructure and the capitalization of research results.

Institutional strengthening, strategic infrastructure and impact orientation (2020–2024)

The period 2020–2024 was characterized by the consolidation of research activities, the capitalization of the research infrastructure developed in the previous stage and the expansion of the University's participation in national and international research programs and projects. During this period, institutional mechanisms for coordinating and supporting research were developed, interdisciplinary collaborations were strengthened and the principles of open science were promoted, in accordance with the University's strategic objectives regarding increasing the quality, visibility and relevance of research results.

An important moment of this stage was the institutional evaluation carried out by the Romanian Agency for Quality Assurance in Higher Education, completed in 2022 by reconfirming the institutional accreditation and awarding the "High degree of trust" qualification. The certificate issued following the assessment is presented in **Annex 2.1**.

Within the Institute for Interdisciplinary Research, the activities of the research centers were strengthened, by capitalizing on the existing infrastructure, developing national and international collaborations and increasing participation in research competitions. At the same time, the University has strengthened its participation in international academic alliances, consortia and networks, in line with the objectives of internationalization and development of scientific cooperation.



An important result of the development of the research infrastructure is the realization and operationalization of the [RECENT AIR center](#), which expanded the University's experimental capacity in the field of environmental sciences and supported the development of interdisciplinary research in fields such as physics, chemistry, biology, mathematics, computer science and environmental sciences. Through the project, the research bases of the teaching and research stations in [Mădârjac](#), [Rarău](#), [Agigea](#) and [Tulnici](#) were consolidated, integrated into the field research, monitoring and doctoral training activities.

In parallel, the University continued to develop complementary research infrastructures and institutional mechanisms to support research activities. In 2023, the development [of the Center for Creation, Research and Student Practice Gălănești, Gălănești county, was initiated. Suceava](#), an objective in progress, intended to expand the institutional infrastructure for research, creation and student practice activities, with interdisciplinary applicability.

The network of research laboratories within the faculties has developed and strengthened, supporting the conduct of fundamental and applied research in areas such as advanced materials, applied physics, mathematical modeling, artificial intelligence, molecular biology, ecotoxicology, environmental sciences, climate change, law, philology and cultural heritage.

At the same time, the University continued to develop digital infrastructures and support mechanisms for research activity, promoting the principles of open science, developing cooperation with the socio-economic environment and capitalizing on research results, in line with the strategic objectives of increasing the quality, visibility and impact of research.

Overall, the period 2020–2024 highlights the strengthening of the University's institutional research capacity by developing the research infrastructure, capitalizing on existing infrastructures, expanding national and international collaborations, developing interdisciplinary research and increasing participation in research programs and projects, in line with UAIC's mission of advanced education and research.

2.2 Organizational structure

Legal status and general organisation

[The "Alexandru Ioan Cuza" University of Iași](#) is a public higher education institution, with legal personality, organized and functioning under the higher education legislation, the [UAIC Charter](#), the [Organization and Functioning Regulation](#) (ROF) and other internal regulations. Based on university autonomy, the University establishes its academic and administrative structure, the way of organization and functioning, manages the patrimony and financial, material and human resources and organizes education and research activities, in compliance with the legal provisions.

The organization of the research, development, innovation and knowledge transfer activity is integrated into the institutional structure of UAIC and is correlated with the mission of advanced education and research. The activity of the research staff is carried out according to [the applicable legislation](#), [the UAIC Charter](#) and its own regulations regarding [the organization of the research activity](#), [the occupation of positions](#), [the evaluation of performance](#) and the [development of the professional career](#).

UAIC has a single legal personality. Faculties, departments, research institute and centers, teaching and research stations, university extensions, administrative structures and other component entities operate within the University, without distinct legal personality.

[The UAIC organizational chart](#) highlights the subordination and coordination relationships between the Senate, the Council of Administration, the Rector, the Vice-Rectorate, the academic structures, the ICI, the university extensions, the teaching and research stations and the administrative and support structures.

In the field of research, institutional coordination is ensured by the Vice-Rector for Scientific Research, Development, Innovation and Knowledge Transfer, in collaboration with [ICI-UAIC](#), faculties, departments, research centers and specialized administrative structures. [The strategic plan](#) deals distinctly with scientific research, development, innovation and knowledge transfer, as well as teaching and research stations, international relations and information infrastructure development.

Academic and research structure

The academic structure of UAIC comprises 15 faculties and an Institute for Interdisciplinary Research:

1. [Faculty of Biology](#);



2. [Faculty of Chemistry](#);
3. [Faculty of Law](#);
4. [Faculty of Economics and Business Administration](#);
5. [Faculty of Physical Education and Sport](#);
6. [Faculty of Philosophy and Social-Political Sciences](#);
7. [Faculty of Physics](#);
8. [Faculty of Geography and Geology](#);
9. [Faculty of Computer Science \(Informatics\)](#);
10. [Faculty of History](#);
11. [Faculty of Letters](#);
12. [Faculty of Mathematics](#);
13. [Faculty of Psychology and Educational Sciences](#);
14. [Faculty of Orthodox Theology](#);
15. [Faculty of Roman Catholic Theology](#).

Faculties are organized into departments, doctoral schools, centers, laboratories and other teaching and research structures, in accordance with the [decisions of the University Senate](#) and with [Regulation on the organization and functioning of the "Alexandru Ioan Cuza" University of Iași](#). At the level of the faculties, there are their own research centers and laboratories, according to the fields and research themes assumed by each of them.

[Institute for Interdisciplinary Research \(ICI-UAIC\)](#)

The UAIC Interdisciplinary Research Institute ([ICI-UAIC](#)), established in 2019, is an academic and research structure without distinct legal personality, subordinated to the University. The Institute brings together interdisciplinary research structures and developed infrastructures in the field of exact and natural sciences and socio-human sciences and contributes to the achievement of UAIC's mission of advanced education and research through the development of interdisciplinary research and knowledge transfer.

The Institute has a [own management structure](#), consisting of the Director-General, the directors of the departments and the coordinators of the research centres. Its activity is coordinated through its own collegial bodies, the Scientific Council of ICI-UAIC and the councils of the two departments, the Department of Exact Sciences and Natural Sciences and the Department of Social and Human Sciences, in accordance with [Organization and Functioning Regulations of the Institute](#).

The structure of the Institute includes:

- ARHEOINVEST [Center for Interdisciplinary Research in Archaeology](#);
- Integrated Center for Environmental Science Studies for the North-East Development Region — [CERNESIM](#);
- Center for Research in Advanced Materials and Technologies — [RAMTECH](#);
- Research Center with Integrated Techniques for the Investigation of Atmospheric Aerosols in Romania — [RECENT AIR](#);
- [Department of Exact Sciences and Natural Sciences](#);
- [Department of Social and Human Sciences](#).

ICI provides the framework for conducting interdisciplinary research, using research infrastructure, participating in national and international programs and projects, training researchers and capitalizing on research results.

Other academic, scientific and cultural structures

Within the UAIC operates, without distinct legal personality:

- [The Publishing House of the "Alexandru Ioan Cuza" University of Iași](#) and [the Publishing House's Bookstore](#);
- ["Anastase Fătu" Botanical Garden](#);
- [University Museum](#);
- [Museum of Natural History](#);
- ["Grigore Cobălcescu" Didactic-Scientific Museum](#);
- [Museum of Original Paleontological Collections](#);
- [Collection of the Seminary of Archaeology](#);
- [Planetarium](#) and [Astronomical Observatory](#);



- [Learning Center](#);
- [Center for Personal Development and Professional Training](#);
- [Department for Pre-University Education and UAIC High School](#).

These structures contribute, according to their specificity, to education, research, conservation and valorization of scientific and cultural heritage and to the transfer of knowledge to the community.

University extensions and territorial structures

UAIC organizes [University Extensions](#) in the country and in the Republic of Moldova, as territorial structures of the University. According to the current institutional structure, university extensions are subunits without distinct legal personality and operate within the University, provided that the material base and the necessary resources are provided. The institutional documents mention university extensions in [Botoșani](#); [Focșani](#); [Piatra-Neamț](#); [Balti](#); [Chisinau](#).

Teaching and research stations and other territorial research infrastructures

UAIC has a network of teaching and research stations, research bases, centers for creation, research and student practice, as well as archaeological-school sites and other research points, organized within the University and coordinated by the competent academic structures. The network comprises:

- ["Prof. dr. Ioan Borcea" Marine Biological Station](#) — Agigea, Constanta County;
- [Research and Development Station for Aquaculture and Aquatic Ecology](#) — Iași;
- ["Petre Jitariu" Biological Station](#) — Potoci, Neamț County;
- ["Ion Gugiuan" Student Research and Practice Station](#) — Rarău, Suceava County;
- ["Simion Mehedinți" Student Research and Practice Station](#) — Tulnici, Vrancea County;
- [Physical-Geographical Research and Environmental Quality Monitoring Station](#) — Mădârjac, Iași County;
- ["Vasile Băcăuanu" Scientific Research and Student Practice Station](#) — Stefanesti, Botoșani County;
- ["Acad. Mircea Petrescu-Dâmbovița" Archaeological Research Base](#) — Cucuteni-Băiceni, Iași County;
- [Center for Creation, Research and Student Practice Gălănești](#), Suceava County, under development;
- [The archaeological sites-school](#) in [Târgu Frumos \(Târgu Frumos, Iași county\)](#), [Isajia \(Răducăneni commune, Iași county\)](#), Iași) and [Siliștea \(Neamț county\)](#), organized by [the Faculty of History](#) as permanent bases for systematic archaeological research, field research and practical training of students and doctoral students, as well as other research points approved according to institutional regulations.

The teaching and research stations, research bases and other territorial infrastructures of the University contribute to the conduct of fundamental and applied research, to the realization of practical and field activities, to environmental monitoring, to the valorization of the scientific and cultural heritage and to the training of students, doctoral students and researchers. In accordance with the objectives assumed by the [University's Strategic Plan](#), they are maintained, developed and integrated into the education, research and services activities brought to the community.

Administrative structures supporting research

The advanced education and research activities carried out within the "Alexandru Ioan Cuza" University of Iași are supported by the administrative structures provided for in [Organizational chart](#) and in [Regulation on the organization and functioning of the University](#), which provides the administrative, financial, legal, technical, informational and logistical framework necessary to carry out teaching and research activities.

In relation to the specific tasks in the field of research, at least the following administrative structures are involved:

- General Administrative Directorate ([DGA](#))
- Financial-Accounting Directorate ([DFC](#))
- Human Resources Directorate ([HRD](#))
- Directorate for Digital Communications and Informatics ([DCDI](#))
- Public Procurement and Contract Tracking Directorate ([DAPUC](#))
- Directorate for Investments and Development Projects ([DIPD](#))



- Technical Directorate ([DT](#))
- Secretariat Directorate ([DS-UAIC](#))
- Scientific Research Activities Management Service ([SMACS](#))
- International Relations Service ([SREI](#))
- Legal Service ([SJ](#))

as well as the other directorates, services and compartments provided for in the [Organizational Chart](#), which contribute, according to their own competences, to the administration of the patrimony, the development of the infrastructure and the provision of the necessary conditions for carrying out education and research activities.

Through the activity of these structures, administrative and financial support is provided for the conduct of research, the implementation of research projects and grants, the administration of the research infrastructure, the management of human resources, international cooperation, the development of the digital infrastructure and the other support activities necessary for the fulfillment of the University's mission of advanced education and research. Within this framework, the Scientific Research Activities Management Service ([SMACS](#)) represents the specialized administrative structure that provides institutional support for the implementation of the University's strategy in the field of scientific research, identifying funding opportunities, supporting the development and implementation of research projects, keeping track of research activities and institutional representation in relation to national and international organizations. international research institutions.

2.3 Field of expertise according to the Classification of Activities in the National Economy (CAEN)

UAIC carries out advanced education and research activities, in accordance with the mission, principles and objectives set out in the University Charter and in the Strategic Plan for Institutional Development. According to the Classification of Activities in the National Economy (CAEN), the main activity of the University is classified as:

- [CAEN Rev. 2: 8542](#) – Higher education
- [CAEN Rev. 3: 8540](#) – Higher education.

In order to fulfill its mission of advanced education and research, the University also carries out activities corresponding to the following NACE classes:

Crt. no.	CAEN Rev. 2	CAEN Rev. 3	Activity
1	7219	7210	Research and development in other natural sciences and engineering
2	7220	7220	Research and development in social sciences and humanities
3	8559	8559	Other forms of education n.e.c. (continuing education and professional development)
4	8560	8569	Education support service activities
5	8531	8531	General Secondary Education (High School of the "Alexandru Ioan Cuza" University of Iași)

The activities included in the mentioned CAEN classes support the fulfillment of the University's mission provided for in the University Charter, which includes the organization of university study programs and, as the case may be, pre-university education, the conduct of fundamental and applied research, continuous training, the training of researchers through doctoral studies, the development and administration of research infrastructures, national and international academic and scientific cooperation, transfer and capitalization of research results, as well as other activities necessary to fulfill the mission of education and advanced research.

2.4 Staff employed by the research organisation, including RDI staff (FTE)

In the period 2020–2024, UAIC had a stable and highly qualified academic human resource, which supported the development of education and research activities in all cultivated scientific fields. The research activity was carried out through the involvement of university professors, researchers and



other categories of RDI staff within the faculties, the Institute for Interdisciplinary Research and the other research structures of the university.

During the period evaluated, the permanent staff with higher education recorded a constant evolution, from 818 academic staff and researchers (346.9 FTE) in 2020 to 932 (373.4 FTE) in 2024, which represents an increase of 13.9% in the number of staff and 7.6% in the research capacity expressed in full-time equivalent (FTE). In the same period, the number of staff employed in the scientific grades CS III, CS II and CS I and equivalent, as well as in equivalent teaching positions, remained at a high level, increasing from 315.9 FTE to 327.4 FTE. This evolution reflects the strengthening of the highly qualified human resource involved in the research activity.

In 2024, the human resource involved in the research included 678 professors, associate professors and head of papers/university lecturer, 84 university assistants, 62 scientific researchers (CS I, CS II and CS III) and 108 research assistants and researchers (ACS and CS), a structure that ensured the conduct of research activities in all scientific fields cultivated in the university.

The detailed situation of the staff involved in the research activity, including the distribution by categories of staff and scientific grades, is presented in Annex 2.4, which was the basis for the assessment of the institutional research capacity

Evolution of the human resource involved in the research activity (2020–2024)

Indicator	2020	2021	2022	2023	2024	Evolution 2020–2024
Permanent staff with higher education (academic staff and researchers)	818	828	901	916	932	+13,9%
Permanent staff with higher education (FTE)	346,9	350,8	357,6	367,2	373,4	+7,6%
Staff with scientific degrees CS I–III and equivalent (FTE)	315,9	320,8	321,6	321,2	327,4	+3,6%

2.5 R&D directions/research objectives/research priorities:

Coherence of research directions in the period 2020–2024

In the period 2020–2024, the research directions of the "Alexandru Ioan Cuza" University of Iași were developed in continuity with the institutional mission and the objectives assumed by the strategic documents. The fundamental and applied research activities were carried out in all the scientific fields cultivated by the University, through the existing academic and research structures and by capitalizing on the available infrastructures.

[The year 2020](#) concluded the previous strategic cycle and ensured the continuity of the research directions developed at institutional level. The objectives of the next period were based on the experience gained, the results obtained and the consolidation of the structures dedicated to research.

[The Strategic Plan 2021–2024](#) set objectives regarding the development of fundamental and applied research, training through doctoral studies, infrastructure development, participation in national and international competitions and expansion of collaborations with universities and research organizations in the country and abroad. These objectives were pursued through the activity of the faculties, the Institute for Interdisciplinary Research, the research centers and laboratories and through the integration of teaching and research staff in scientific projects and networks.

I. Main research directions and institutional capacity development

I.1. Mathematics and Natural Sciences

Research in the field of Mathematics and Natural Sciences encompasses fundamental and applied mathematics, computer science and artificial intelligence, materials physics and optics, fundamental and applied chemistry, life sciences, geography and geology, environmental processes and climate change.

The activities are developed within the faculties of [Biology](#), [Chemistry](#), [Physics](#), [Geography and Geology](#), [Computer Science](#) and [Mathematics](#) and benefit from the University's infrastructures and laboratories, including [CERNESIM](#), [RAMTECH](#), [RECENT AIR](#) and the facilities [of the "Anastase Fătu" Botanical Garden](#) tag.

The main directions are:



- in biology: biodiversity, ecology, genetics, molecular biology, microbiology, biotechnologies and conservation of biological resources;
- in chemistry: fundamental and applied chemistry, materials and environmental chemistry, computational chemistry and chemical technologies;
- in physics: materials physics, optics and photonics, plasma physics, nanomaterials, spectroscopy and interdisciplinary applications;
- in geography and geology: physical and human geography, geology, geomorphology, natural hazards, climate change, territorial development and environmental protection;
- in computer science: artificial intelligence, machine learning, data analytics, cybersecurity, distributed systems and software engineering;
- in mathematics: mathematical analysis, algebra, geometry, probability theory, applied mathematics and modeling.

All these directions support fundamental and applied research, the sharing of infrastructures and the development of collaborations with research organizations and universities in the country and abroad.

I.2. Social sciences

In the field of Social Sciences, research is developed in economics, public administration, law, psychology, educational sciences, sociology, political sciences, international relations, philosophy, human geography and territorial development. The themes follow contemporary economic and social processes, digitalization, demographic, legal, educational and institutional developments.

The activities are carried out within the faculties of [Economics and Business Administration](#), [Philosophy and Social-Political Sciences](#), [Psychology and Educational Sciences](#), [Law](#), [Physical Education and Sport](#) and [Geography and Geology](#) and are completed by [the Department of Socio-Human Sciences](#) of [the Institute for Interdisciplinary Research](#).

The main directions include:

- economy, finance, accounting, management, marketing, entrepreneurship, digital economy and regional development;
- philosophy, sociology, social work, political science, international relations and security studies;
- fundamental and applied psychology, educational processes, psychological assessment, inclusion and educational counseling;
- public and private law, European and international law, business law and regulation of digital technologies;
- physical education, sports performance, motor skills, recovery and health promotion;
- territorial organization, regional development, population mobility and geographic space dynamics.

These activities are supported through projects and collaborations with academic institutions, public authorities, organizations and socio-economic partners.

I.3. Humanities

Humanistic research encompasses history, archaeology, cultural heritage, philology, linguistics, literature, theology, and cultural studies. The directions aim to deepen the knowledge of cultural and religious heritage, historical processes, linguistic and literary phenomena and the cultural and identity evolution of societies.

The activities are developed mainly in the faculties of [Letters](#), [History](#), [Orthodox Theology](#) and [Roman Catholic Theology](#), being completed by the contributions of the Faculty of [Philosophy and Social-Political Sciences](#).

The main directions include:

- Romanian language and literature, modern and classical literatures, linguistics, philology, translation, cultural studies and intercultural communication;
- the history of Romania and Europe, archaeology, cultural heritage, medieval studies, modern and contemporary history, international relations and the history of ideas;
- theology, history of religions, religious heritage, interfaith dialogue, ethics and the relationship between religion, culture and society;
- philosophy, ethics, education, human development, interculturality and social values.



Humanistic research is also supported by the [ARHEOINVEST Center](#), which integrates methods and technologies from archaeology, history, geography, geology, physics, chemistry and computer science for the investigation of cultural heritage.

I.4. Interdisciplinary areas

Interdisciplinary research brings together skills from several fields and capitalizes on the University's comprehensive profile. Priority directions include climate change and environmental studies, cultural heritage, artificial intelligence and data analysis, regional development and other topics involving the combined use of different methods, infrastructures and disciplinary competences.

The University's faculties and research structures are involved in these activities, and the collaboration is supported by the sharing of infrastructures and participation in projects with national and international partners.

[The Institute for Interdisciplinary Research](#) has a central role in the development of these directions. Through [the Department of Exact Sciences and Natural Sciences](#), [the Department of Social and Human Sciences](#) and the [ARHEOINVEST](#), [CERNESIM](#) and [RECENT AIR centers](#), the Institute provides the framework for the development of projects that bring together methods and techniques specific to several scientific fields.

II. Alignment with European priorities and the European Research Area

[In the period 2020–2024](#), the research directions were developed in line with the principles and objectives of the European Research Area, the Pact for Research and Innovation in Europe and the ERA Policy Agenda. The institutional guidelines aimed at developing fundamental and applied research, promoting interdisciplinarity, expanding international collaborations and participating in European project competitions.

[The Strategic Plan](#) of the evaluated period provided for the consolidation of multidisciplinary and interdisciplinary research and the assumption of the priorities of the [Horizon Europe](#) program as a benchmark for the development of research plans and the establishment of projects. At the same time, the development of infrastructures, the training of researchers through doctorates and the support of the participation of teaching and research staff in international scientific projects and events were pursued.

The University continued the implementation [of the Human Resources Strategy](#) for Researchers, by applying the principles [of the European Charter for Researchers](#) and the [Code of Conduct](#) for the recruitment of researchers, and promoted [open science](#), access to research results and scientific cooperation.

Through these measures, the activities developed in the faculties, in the Institute for Interdisciplinary Research and in the other research structures were correlated with the priorities of the European Research Area and with the mission of UAIC as a university of advanced education and research.

III. Institutional framework for innovation and technology transfer

During the period evaluated, the University had structures and mechanisms in place to support innovation, technology transfer and capitalization of research results. The [iTRANSFER](#) Technology Transfer Center, developed within the Faculty of Informatics through the [PrivateSky project](#), supports the transfer of results to the economic and institutional environment and the development of collaborations with external partners.

In 2022, the UAIC Senate approved the establishment of the Research as a Service Center – Iași ([RaaS-IS](#)), which supports researchers and research institutions in processing large volumes of data in private and hybrid cloud infrastructures and facilitates cooperation between academia and the IT sector in the North-East Region of Romania. [RaaS-IS](#) was financed through the Competitiveness Operational Programme 2014–2020.

The set of structures, infrastructures and institutional mechanisms developed in the period 2020–2024 provide the necessary framework for conducting fundamental and applied research, developing interdisciplinarity, innovation, technology transfer and capitalizing on research results, in line with the University's mission and strategic objectives.

2.6 Strategic changes in the organization and functioning of the research organization

Between 2020 and 2024, the "Alexandru Ioan Cuza" University of Iași maintained its organizational structure, without changes such as mergers, divisions or reorganizations involving distinct legal personality. [Organizational Chart](#) The University, approved in 2020 and maintained



throughout the evaluated period, highlights the continuity of the organization of research activities by maintaining the vice-rectorate responsible for scientific research and knowledge transfer programs and the administrative support structure, the Service for the Management of Scientific Research Activities (SMACS).

During the period evaluated, the institutional framework of research activities was updated by adopting the [Regulation for the organization and conduct of scientific research activity](#) UAIC and [Methodology for the establishment, evaluation and institutional recognition of research-development-innovation units](#) (2021), as well as by approving the new [Organization and Functioning Regulations](#) of the University (2023). These measures were accompanied by the development of research structures and infrastructures, the expansion of administrative and IT support services and the application of institutional mechanisms for coordination, financing and monitoring of research, development and innovation activities.

The period under review coincides with the adoption of important changes to the legislative framework applicable to higher education and research. If in the first part of the evaluated interval the activity was carried out based on the National Education Law no. 1/2011 and Government Ordinance no. 57/2002 on scientific research and technological development, in 2023 and 2024 the Higher Education Law no. 199/2023 and Law no. 183/2024 on the status of research, development and innovation staff. The adoption of these normative acts required the initiation of a process of updating the institutional framework and the preparation of the necessary measures for the application of the new provisions on the organization of research activities and career development of RDI staff. The implementation of these measures was carried out after the evaluated period, starting with January 2025.

1) 2020 – Organisation of research activities and support structures

In 2020, the application of institutional mechanisms to support research activities, developed in previous years, including [UAIC internal grants](#) for young researchers, [Special Research Support Fund](#) (FSSC), [Publication award system](#) indexed Web of Science, [the University's participation in the ANELIS Plus consortium](#) and the administrative support mechanisms provided through the Service for the Management of Scientific Research Activities. These mechanisms complement funding obtained through national and international competitions and contribute to supporting the publication of research results, material resource development and research activities, as well as the participation of researchers in project competitions.

2021 – Strengthening the institutional framework for research

In 2021, two institutional documents are adopted with an essential role in the organization of research activities: [Regulation for the organization and conduct of scientific research activity in UAIC](#) and [Methodology for the establishment, evaluation and institutional recognition of the research-development-innovation units](#). These documents define the principles of research organization in the University, the responsibilities of the structures involved, the way of organizing and evaluating the RDI units and the institutional framework for carrying out research activities. At the same time, the Regulation on the organization and conduct of scientific research activity establishes [Scientific Council](#), as an advisory body in the field of research, development and innovation, with a role in supporting the University's management in the development and monitoring of institutional research policies.

In the same period, development continues [Institute for Interdisciplinary Research](#), which brings together the main departments, centres and research infrastructures of the University and facilitates interdisciplinary collaboration, the sharing of research infrastructures and the coordination of the activities carried out within them.

2022 – Functioning of the institutional research framework

In 2022, the research activities are carried out within the academic structures and research units of the University, based on the regulations and methodologies adopted in the previous year. The faculties, the Institute for Interdisciplinary Research, the research centers and laboratories, as well as the other RDI units carry out their activity according to the attributions and responsibilities established at the institutional level.

During the same period, the institutional mechanisms for monitoring and reporting the RDI activities are applied and the use of administrative and IT services to support research continue, ensuring the unitary functioning of the research organization.

2023 – Updating the organizational framework and developing support structures



The year 2023 marks the update of the internal organizational framework by approving a new [Organization and Functioning Regulations](#) of the University, which reviews the duties of the academic and administrative structures, maintaining the institutional organization of research activities. The role of the Vice-Rectorate for Scientific Research and Knowledge Transfer Programs, the functioning of the Scientific Research Activities Management Service, the position of the Institute for Interdisciplinary Research in the structure of the University and the integration of the research centers ARHEOINVEST, CERNESIM and RAMTECH within it are reconfirmed.

In 2023, the implementation of the RECENT AIR project is completed. Also this year, the Senate of the University [approves the establishment of](#) The Research Center with Integrated Techniques for the Investigation of Atmospheric Aerosols in Romania (RECENT AIR) and its operation during the project's durability period. The establishment of the center contributes to the development of the University's research infrastructures and to the expansion of the institutional capacity to carry out RDI activities in the field of atmospheric aerosol investigation.

Also in 2023, the steps to develop institutional infrastructures and services for research are continued, with administrative support mechanisms for participation in project competitions, management of RDI activities and the use of research infrastructures being strengthened.

2024 – Adapting the institutional framework and developing research support mechanisms

In 2024, the University initiates the process of adapting the institutional framework to the provisions of the Higher Education Law no. 199/2023 and Law no. 183/2024 on the status of research, development and innovation personnel, the updating of internal regulations and procedures being carried out after the evaluated period.

In the same period, the institutional mechanisms dedicated to open access to research results are developed, by implementing [institutional repository](#), support for publication under the [Open Access](#) and the continuation of the University's participation in the consortium [ANELIS Plus](#), measures that complement the institutional support framework for the conduct and dissemination of research activities.

The developments recorded in the period 2020–2024 highlight the continuity of the organization of research activities and the progressive development of the institutional framework that supports them. The updating of the regulations and methodologies, the development of the Institute for Interdisciplinary Research and the research infrastructures, the consolidation of the administrative and IT support services, the maintenance of the institutional mechanisms for financing and stimulating research, as well as the adaptation of the normative framework to the legislative changes have contributed to the improvement of the organization and functioning of the research organization, without changing the fundamental institutional structure of the University.

3. Management and institutional capacity

3.1 Governance structure of the research organization

The research activity within the "Alexandru Ioan Cuza" University of Iași is carried out at the level of the faculties, through departments, centers and research laboratories, as well as within the Institute for Interdisciplinary Research. Its organization and coordination are ensured by the management structures provided by the [University Charter](#), [Organisation and Functioning Regulations](#), including [UAIC organizational chart](#), and [Regulation on the organisation and conduct of research and development, innovation and knowledge and technology transfer \(RDI\)](#).

During the period evaluated (2020–2024), the management of research activities was carried out through the executive and deliberative structures of the University, with responsibilities in establishing institutional policies, approving the regulatory framework, coordinating research structures and monitoring research, development and innovation activities. At the level of the faculties, the research activity is coordinated by the deans, with the support of the vice-deans who have attributions in the field of research, according to the management structure and the faculties' own regulations.

UAIC's management structures

According to the Charter of the "Alexandru Ioan Cuza" University of Iași, the main governing structures of UAIC are the University Senate and the Board of Directors, together with the deliberative, consultative and operative structures organized at the level of the University, faculties, the Institute for Interdisciplinary Research (ICI), departments and doctoral schools.



The UAIC Senate is the main decision-making and deliberation forum of the University. It establishes academic policies and strategies, adopts its Charter and regulations, and approves the structure and organization of the University. Its operative activity is ensured by the Senate Bureau. The Senate's decisions constitute the institutional framework for the organization and conduct of academic activities, including research. **The Senate's decisions** constitute the institutional framework for the organization and conduct of academic activities, including research.

The Council of Administration (CA) ensures the executive direction and implementation of the Senate's decisions. In the field of research, it coordinates the implementation of institutional policies and strategies, the functioning of research structures and infrastructures, the allocation of resources and the implementation of institutional projects. The operative leadership is supported by **the Executive Bureau of the Council of Administration (BECA)** which consists of the rector, vice-rectors, the general administrative director and a student representative. BECA ensures the operative management of the University and the implementation of UAIC decisions and policies.

The Organizing Institution of Doctoral Studies (IOSUD) is coordinated through **the Council of Doctoral Studies (CSUD)**, responsible for the strategy and regulation of doctoral studies, the organization of doctoral schools and the development of partnerships in the field.

The UAIC Scientific Council, established in 2021, is the University's advisory body in the field of research. Under the coordination of the Vice-Rector responsible for research, it analyzes the scientific activity and formulates proposals regarding the development of research, institutional support mechanisms and the organization of RDI activities.

At the level of the faculties and of the ICI there is the **Faculty Council/Scientific Council of the ICI**, and the related executive structures, and at the level of the departments and of the Doctoral Schools, the Department Council, respectively the Council of the Doctoral School. These structures ensure, according to their own competences, the organization and coordination of teaching and research activities.

The management positions at the University level are:

The Rector is the legal representative of the University and ensures the executive and operative management of UAIC. He leads the Board of Directors and coordinates the implementation of the institutional strategy, including the achievement of research, development and innovation objectives.

The Vice-rectors exercise the duties delegated by the rector in the areas corresponding to the managerial structure. **The Vice-Rector in charge of research**, coordinated during the evaluated period, at institutional level, the activities of the RDI activities, the implementation of research policies, the activity of the Service for the Management of Scientific Research Activities (**SMACS**), the relationship with the research structures and, since 2021, the activity of the Scientific Council. Between 2020 and April 2024, this area was managed by **the Office of the Vice-Rector for Scientific Research Programmes and Knowledge Transfer**, and from April 2024 by **the Office of the Vice-Rector for Scientific Research, Development, Innovation and Knowledge Transfer**.

The General Administrative Director leads the administrative structure and manages the resources necessary for the University's activities, being supported by the **Deputy General Administrative Director**.

The Director of the CSUD ensures the operational management of the CSUD and the coordination of the specific activities of IOSUD-UAIC.

Distinct from the executive functions, **the President of the UAIC Senate** leads the activity of the Senate, represents it in relations with the executive structures of the University and coordinates its specialized commissions.

At the level of faculties and departments, executive management is exercised by deans, vice-deans and department directors, according to the attributions established by the UAIC Charter and its own regulations.

3.2 Quality management system

In the period 2020–2024, the research activity within the "Alexandru Ioan Cuza" University of Iași was included in the institutional quality management system, organized in accordance with the applicable legislation, the University Charter, the Organization and Functioning Regulation and the internal regulations in force at the time of carrying out the activities.



The quality management system provided the framework for organizing, monitoring and evaluating research, development, innovation and knowledge and technology transfer activities, carried out at the level of faculties, doctoral schools, the Institute for Interdisciplinary Research and other research structures of the University.

During the evaluated period, the University's activity was carried out based on the institutional regulations applicable at the time. In the last part of the period, following the entry into force of the Higher Education Law no. 199/2023 and Law no. 183/2024 on the status of research, development and innovation staff, as well as the start, in April 2024, of the mandate of the new executive management, processes of revision and updating of some internal regulations, methodologies and procedures were initiated.

3.2.1 Institutional and normative framework for research quality management

In the period 2020–2024, the quality management of the research activity within the "Alexandru Ioan Cuza" University of Iași was carried out in accordance with the applicable national legislation and the institutional regulations that established the organization, conduct, evaluation and monitoring of research, development, innovation and knowledge transfer activities.

The research activity was organized on the basis of the University Charter, the [Organization and Functioning Regulations](#) of the University and the regulations specific to the research activity, approved by the University Senate and applicable in the different stages of the evaluated period. In 2024, following the entry into force of the Higher Education Law no. 199/2023, of Law no. 183/2024 on the status of research, development and innovation staff and the beginning of the mandate of the new executive management of the University, processes for reviewing and updating institutional regulations on the organization and conduct of research activities have been initiated.

A central role in the organization and quality assurance of research activities was played by [Regulation for the organization and conduct of scientific research activity](#) in the "Alexandru Ioan Cuza" University of Iași, approved in 2021. The regulation defines the research activity as a fundamental component of the academic activity, establishes the principles of the organization of research in the University, the responsibilities of the academic and administrative structures, as well as the framework for the financing, evaluation and capitalization of research results.

In addition to this, [Methodology for the establishment, evaluation and institutional recognition of the research-development-innovation units](#), also approved in 2021, established the unitary framework for the organization and evaluation of research structures within the University. The methodology establishes the criteria and procedures regarding the establishment, periodic evaluation and institutional recognition of institutes, centers, laboratories and other research units, contributing to ensuring a uniform level of their organization and functioning.

During the evaluated period, the application of the Methodology on the minimum annual performance criteria related to research positions continued, which establishes the criteria for the annual evaluation of research staff, the responsibilities of the management structures in verifying the results and the institutional circuit of their reporting. The methodology is presented in **Annex 3.1**.

Together, these regulations constituted the institutional framework through which the University ensured the organization, monitoring and evaluation of research activities throughout the analysed period, as well as the substantiation of measures regarding the development of research structures and the improvement of scientific performance.

In the last part of the evaluated period, following the entry into force of the Higher Education Law no. 199/2023 and Law no. 183/2024 on the status of research, development and innovation staff, as well as the start of the mandate of the new executive management of the University in April 2024, processes of revision and updating of institutional regulations, methodologies and procedures were initiated. Consequently, during the period 2020–2024, the regulations in force at the time of the activities were applicable, and the process of adapting the institutional regulatory framework continued after the period evaluated.

3.2.2 Institutional mechanisms for ensuring, monitoring and evaluating the quality of research

In the period 2020–2024, the quality assurance of the research activity at the "Alexandru Ioan Cuza" University of Iași was achieved by applying a set of institutional mechanisms that included the organization of research activities, monitoring their development, annual evaluation of results, annual reporting at institutional level and adopting the necessary measures to improve the activity.



The research activity was carried out within the faculties, doctoral schools and the Institute for Interdisciplinary Research, in accordance with the responsibilities established by the University Charter and internal regulations. At the level of the faculties, the monitoring of the research activity was carried out by the deans, with the support of the vice-deans who had attributions in the field of research, the directors of departments and the directors of the research units, and at the institutional level the coordination was ensured by the Vice-Rector responsible for the research activity, together with the specialized administrative structures.

The annual evaluation of the research activity was carried out based on the methodologies approved by the University Senate regarding the evaluation of research units and the evaluation of the activity of the research staff. These regulations establish the evaluation criteria, the responsibilities of the structures involved and the institutional circuit of verification and reporting of results, ensuring the application of unitary criteria at the level of the entire University.

The results of the research activity were recorded annually in the reports developed at the level of the faculties, research units and the Institute for Interdisciplinary Research and were centralized at institutional level. Those reports formed the basis of the analyses carried out in the University's management structures and contributed to the elaboration of the Rector's Annual Report on the state of the University. [2020](#), [2021](#), [2022](#), [2023](#), [2024](#)).

The quality assurance process was completed by monitoring the implementation of the measures adopted and by regularly updating the internal regulations, methodologies and procedures, depending on the legislative changes and the results of the evaluations carried out at institutional level. The revision of the regulatory framework initiated in 2024, in the context of the entry into force of the Higher Education Law no. 199/2023 and Law no. 183/2024 on the status of research, development and innovation personnel, is an example of this continuous improvement mechanism. In this context, the following new institutional regulations have been developed and submitted for approval: [Regulation on the evaluation of the scientific performance of researchers at the "Alexandru Ioan Cuza" University of Iași](#), [Regulation on the organisation and conduct of research and development, innovation and transfer of knowledge and technology](#) in UAIC, [Competition regulations on the filling of vacancies for research, development and innovation staff](#) and [Regulation on the organization of the promotion exam for obtaining the professional degree by the research, development and innovation staff](#).

3.2.3 Quality assurance of doctoral research

In the period 2020–2024, the doctoral research was integrated into the institutional quality management system of the "Alexandru Ioan Cuza" University of Iași and was carried out in accordance with the legislation applicable to doctoral studies and [Institutional regulations](#) of IOSUD-UAIC, in force at each stage of the period assessed. During this period, IOSUD-UAIC organized the doctoral studies through [14 doctoral schools](#), which have carried out programmes in [25 PhD fields](#), providing the institutional framework for carrying out doctoral research activities.

The organization, coordination and monitoring of the research activities carried out within the doctoral studies were carried out through [Council for Doctoral Studies \(CSUD\)](#), of the 14 doctoral schools and of the doctoral supervisors, according to the attributions established by the Institutional Regulation for the organization and functioning of doctoral studies and by the regulations of the doctoral schools. [CSUD](#) ensures the operational management of IOSUD-UAIC and coordinates the organization and conduct of doctoral studies, including the elaboration of regulations and coordination of the activity of doctoral schools.

The quality of doctoral research was monitored through institutional mechanisms that included monitoring the doctoral path, periodic evaluation of the doctoral students' activity, analyzing the results of the research carried out within the doctoral theses, observing the standards of ethics and academic integrity and verifying the fulfillment of the requirements for the completion of doctoral studies.

The results of the doctoral research were included in the reports on the research activity of the doctoral schools and the University, contributing to the evaluation of the research activity and to the substantiation of the measures regarding the development of the doctoral programs and the research activity.

3.2.4 External evaluations and validations

In the period 2020–2024, the functioning of the institutional quality management system applied to research activities was confirmed through external evaluation and validation processes



carried out at institutional level, as well as by the recognition of structures and mechanisms specific to research activity.

An important milestone was the institutional evaluation carried out by the Romanian Agency for Quality Assurance in Higher Education (ARACIS) in 2022, which ended with the maintenance of institutional accreditation and the granting of the "High degree of trust" qualification. The evaluation confirmed the functioning of institutional quality assurance mechanisms and the integration of education and research activities into the institutional quality management system (**Annex 2.1**).

The institutional capacity on innovation and technology transfer is supported by the accreditation of the iTransfer Technology Transfer Center as an entity of the national innovation and technology transfer infrastructure. This accreditation confirms the existence of the institutional framework for capitalizing on research results and developing collaborative relations with the economic and social environment (**Annex 2.2**).

During the period evaluated, the University continued to implement the principles [European Charter for Researchers and the Code of Conduct](#) conduct for the recruitment of researchers, within the Human Resources Strategy for Researchers process ([HRS4R](#)), materialized by maintaining the HR Excellence in Research Award granted by the European Commission. This process involves periodic external evaluations and monitoring of the implementation of the institutional action plan on the development of human resources in research.

At the same time, the University is authorized to accept researchers from third countries for the purpose of carrying out research activities, in accordance with national and European regulations on the mobility of researchers. That authorisation facilitates the participation of international researchers in research projects and activities carried out within the University (**Annex 2.3**).

In the last part of the evaluated period, the results of the institutional evaluation processes and the changes in the national legislative framework were capitalized on by revising the regulations and methodologies regarding the organization and conduct of research activities, the evaluation of the performance of research staff and the organization of the researchers' careers. These steps aimed to maintain the consistency between the institutional regulations and the applicable regulatory framework.

3.3 Regulations, rules, procedures implemented at the level of the research organization

During the period evaluated (2020–2024), the research, development and innovation activity within the "Alexandru Ioan Cuza" University of Iași was carried out based on the national legislative framework applicable to each stage of the reference period and the internal normative acts adopted in the exercise of university autonomy.

In the period 2020–2023, the organization of the research activity was based on the provisions of the National Education Law no. 1/2011, of the Government Ordinance no. 57/2002 on scientific research and technological development, of Law no. 319/2003 on the Statute of the research and development personnel, as well as of the subsequent normative acts issued in their application. Starting with 2023, with the entry into force of the Higher Education Law no. 199/2023, and subsequently, in 2024, by adopting Law no. 183/2024 on the status of research, development and innovation staff, the University initiated the process of reviewing and updating the institutional regulatory framework, in order to harmonize it with the new legislative provisions.

In accordance with the principle of university autonomy, the internal regulatory framework is made up of [University Charter](#), regulations, methodologies, system and operational procedures, instructions and decisions of the executive management bodies. These documents transpose at institutional level the provisions of the national legislation and establish the framework for the organization and conduct of research activities, the attributions of the structures with responsibilities in the field, the mechanisms for evaluating and developing the career of researchers, as well as the ways of managing research results and supporting scientific performance.

The elaboration, approval and updating of the internal normative acts is carried out within the quality management system implemented at the level of the University, in accordance with the [System procedure for the development of documented procedures](#). Through this mechanism, the correlation of institutional documents, the observance of approval powers, the traceability of changes and the permanent adaptation of the regulatory framework to the evolution of legislation and institutional activities are ensured.



During the period evaluated, the process of updating the regulatory framework had as its object both the revision of existing documents and the elaboration of new regulations and methodologies, especially in 2024, following the entry into force of Law no. 183/2024 on the status of research, development and innovation staff. At the end of the evaluation period, the regulatory framework applicable to research activities is structured as follows:

3.3.1 Regulations

No. Crt.	Name of the regulation	Responsible structure
1	Regulation for the organization and conduct of scientific research activity in the "Alexandru Ioan Cuza" University of Iași	The Vice-Rector in charge of research
2	Regulation on the evaluation of the scientific performance of researchers at the "Alexandru Ioan Cuza" University of Iași	Director general ICI-UAIC
3	Regulation on the organization of the promotion exam for obtaining the professional degree by the research, development, innovation personnel	The Vice-Rector in charge of research
4	Competition regulations regarding the filling of vacant positions of research, development, innovation staff	The Vice-Rector in charge of research
5	Regulation on the preparation of the statements of functions of teaching and research staff	The Vice-Rector in charge of research

The regulations establish the general framework for the organization and conduct of research activities, the responsibilities of the structures involved, the procedures for the recruitment, evaluation and promotion of research staff, as well as the mechanisms for the organization and functioning of the research structures within the University. The regulations developed or revised in 2024 reflect the adaptation of the institutional regulatory framework to the provisions of Law no. 183/2024.

3.3.2 Methodologies

No. Crt.	Name of methodology	Responsible structure
1.	Methodology for identification, evaluation and institutional recognition of the Research and Development Units of the "Alexandru Ioan Cuza" University of Iași	The Vice-Rector in charge of research
2.	Methodology for awarding grants to young researchers from the "Alexandru Ioan Cuza" University of Iași	The Vice-Rector in charge of research
3	Methodology for awarding the merit gradation to teaching and research staff	Economic and Human Resources Directorate

The methodologies develop the provisions of the regulations and establish the application criteria and procedures regarding the evaluation of research structures, the support of young researchers and the stimulation of professional performance.

3.3.3 Operational procedures

No. Crt.	System/operational procedure name	Responsible structure
1.	Operational procedure for the preparation and approval of patent applications at UAIC level	Service for the Management of Scientific Research Activities - SMACS
2.	Operational procedure on how to record the results of research and development activities at UAIC level	Service for the Management of Scientific Research Activities - SMACS



The operational procedures regulate the conduct of research-specific activities and ensure the uniform application of the provisions of institutional regulations and methodologies.

3.3.4. Instructions and decisions of the Executive Bureau of the Council of Administration (BECA)

In addition to the institutional regulations and methodologies, BECA adopts decisions and instructions on the implementation of measures to support research activities and stimulate scientific performance.

During the period evaluated, the following were adopted, among others:

- The instructions on the application of the financial-fiscal measures in order to exempt from the payment of the tax on income from salaries and assimilated to salaries, approved in the BECA meeting of March 7, 2019 and updated by [the BECA Decision no. C6 of 12 September 2024](#);
- [BECA Decision no. 5C of January 9, 2020](#) on the reward of authors with UAIC affiliation who publish in Clarivate Analytics indexed journals, corresponding to their classification by quarts (Q1–Q4);
- BECA Decision no. C3 of 15 May 2024 on the granting of the FSCU grant to support the research activity of each tenured academic staff and researcher in UAIC;
- [BECA Decision no. C1 of 19 June 2024](#) on the settlement of Open Access publication fees for scientific papers published in hybrid journals.

These administrative acts complement the institutional regulatory framework and ensure the application of measures regarding funding, performance stimulation and capitalization of research results.

3.3.5. Strategic documents and institutional policies with an impact on research

In addition to the normative framework, during the evaluated period, strategic documents were approved and implemented that support the development of research activity and the promotion of an academic environment based on the principles of integrity, equal opportunities, social responsibility and respect for fundamental rights.

[The Gender Equality Plan 2022–2025](#) sets out the institutional objectives and measures regarding the promotion of equal opportunities, gender balance in management and decision-making structures, career development of teaching and research staff, gender mainstreaming in research and education activities, as well as the prevention of gender-based discrimination, harassment and violence. participation in European research funding programmes and the objectives regarding the development of human resources in research are supported.

[The Code of Conduct](#) for the Prevention and Punishment of Anti-Semitic Incidents sets out the principles and institutional measures for preventing and combating acts of discrimination and contributes to ensuring an academic climate based on respect for fundamental rights and freedoms.

[The strategy for preventing and combating plagiarism and verifying compliance with university ethics and deontology](#) establishes the institutional framework for promoting academic integrity and good conduct in research activity. The mechanisms for preventing, detecting and sanctioning deviations from ethics and integrity norms are presented in the chapter dedicated to ethics and integrity in research.

The strategic documents complement the institutional normative framework and contribute to the development of a favorable environment for carrying out research activities, in accordance with the principles of university autonomy, academic freedom, integrity, equal opportunities and social responsibility.

Overall, the regulations, methodologies, operational procedures, decisions of the executive bodies and strategic documents adopted and updated during the evaluated period provide the necessary regulatory framework for the organization, conduct, monitoring and evaluation of the research, development and innovation activities within the "Alexandru Ioan Cuza" University of Iași.

3.4 Ethics and academic integrity in research

During the evaluated period (2020–2024), the "Alexandru Ioan Cuza" University of Iași ensured the conduct of research, development and innovation activities in accordance with the rules of ethics and academic integrity provided by the applicable national legislation and the internal regulations adopted in the exercise of university autonomy. The institutional framework on ethics and integrity in research is integrated into the University's quality management and assurance system and is updated in relation to the evolution of national legislation and European standards applicable to research organizations.



In the period 2020–2023, the organization of activities on ethics and good conduct in research was carried out based on the provisions of the National Education Law no. 1/2011, of Law no. 206/2004 on good conduct in scientific research, technological development and innovation, of Law no. 319/2003 on the Statute of the research and development personnel, as well as of the subsequent incident normative acts. Starting with 2023, following the entry into force of the Higher Education Law no. 199/2023 and, subsequently, Law no. 183/2024 on the status of research, development and innovation staff, the University has revised and updated the internal regulatory framework, in order to harmonize it with the new legislative provisions on university ethics, good conduct in research and evaluation of research staff.

The institutional normative framework is constituted by the University Charter, [Code of Ethics and Professional Deontology of the "Alexandru Ioan Cuza" University of Iași](#), institutional regulations and methodologies, as well as procedures applicable to research activities and doctoral studies. These documents establish the principles governing the activity of the academic community, the rights and obligations of teaching and research staff, as well as the procedures for preventing, finding and sanctioning deviations from the norms of university ethics and deontology.

The application of the norms of ethics and academic integrity is ensured by the [University Ethics Commission](#), an autonomous structure constituted in accordance with the provisions of the legislation in force and the University Charter. The Commission operates in [The basis of its own rules of organization and functioning](#) and exercises powers regarding the analysis of notifications regarding the violation of the norms of ethics and university deontology, their resolution, the issuance of decisions and recommendations, the monitoring of compliance with the norms of ethics and the formulation of proposals regarding the development of institutional policies in the field of academic integrity. The activity of the Commission is presented annually to the University Senate by [Activity reports](#), which contributes to the monitoring of the application of institutional policies on ethics and academic integrity.

In the field of scientific research and doctoral studies, the University applies specific mechanisms to prevent and combat deviations from the norms of good conduct in research. They are developed by [Strategy for preventing and combating plagiarism and verifying compliance with university ethics and deontology](#), implemented at the level of IOSUD-UAIC and doctoral schools. The strategy establishes the measures regarding the prevention of academic fraud, the verification of the originality of scientific papers and doctoral theses, the responsibilities of the structures involved and the procedures applicable in situations of violation of the norms of ethics and academic integrity.

The verification of the originality of scientific papers and doctoral theses is carried out by using institutional information systems intended to identify similarities ([Turnitin platform](#)), in accordance with the procedures approved at the level of the University and the regulations applicable to doctoral studies. The use of these tools is complemented by the specialized analysis carried out by doctoral supervisors, steering committees and support committees, as well as by the verifications carried out within the institutional procedures regarding the compliance with the rules of good conduct in research.

The University also applies specific procedures regarding the evaluation of ethical aspects of research involving the participation of human subjects, the use of personal data or other activities for which the legislation requires the assessment of ethical compliance.

The institutional framework on ethics and integrity in research is complemented by the strategic documents adopted by the University in the field of equal opportunities, prevention of discrimination and promotion of an inclusive academic environment, among which are [Gender Equality Plan](#), [Code of Conduct](#) for the prevention and sanctioning of anti-Semitic incidents and the other institutional policies presented in the previous section.

During the period evaluated, the University continued the implementation of the European Strategy for [Human Resources in Research \(HRS4R\)](#) and the measures taken through the related institutional action plans, maintaining the recognition of "HR Excellence in Research" granted by the European Commission. The implementation of the HRS4R principles is integrated into the institutional policies on the recruitment and selection of researchers, career development, professional performance evaluation, continuous training, equal opportunities, ethics and integrity in research and contributes to the consolidation of a research environment in line with the principles [European Charter for Researchers and Code of Conduct](#) for the recruitment of researchers.

Through the regulations, structures and institutional mechanisms implemented, the "Alexandru Ioan Cuza" University of Iași ensures the integration of the principles of ethics and academic integrity



in all stages of research, development and innovation activity, contributing to the consolidation of an academic climate based on responsibility, professionalism and compliance with the standards of good conduct in research.

3.5 Research infrastructure correlated with the mission and objectives of the research organisation

Between 2020 and 2024, the "Alexandru Ioan Cuza" University of Iași continued to develop a diversified research infrastructure, adapted to its multidisciplinary profile and scientific priorities. It supports fundamental and applied research, interdisciplinarity, training through research, innovation and knowledge transfer, while contributing to strengthening national and international cooperation and capitalising on research results. The RDI infrastructure serves fields in the exact and natural sciences, social sciences and humanities, as well as interdisciplinary and emerging areas.

UAIC's RDI infrastructures were registered, between 2016 and 2023, on the ERRIS platform – Engage in the Romanian Research Infrastructure System. Following its deactivation, the infrastructures were migrated to the EERTIS platform – [Engage in the European Research and Technology System](#), after updating the information on the structure, services, equipment and related teams.

3.5.1. Correlation of the infrastructure with the mission and research directions of the UAIC

The degree of development of the research, development and innovation infrastructure is appropriate to the multidisciplinary profile of UAIC and to the activities carried out both in the departments and centers of the Institute for Interdisciplinary Research, as well as in the centers, laboratories and research groups of the faculties. The complementary nature of these structures allows for the sharing of skills, equipment, collections, databases and research facilities and supports the development of interdisciplinary projects, the training of doctoral students and the integration of young researchers into research teams.

Strategic institutional infrastructures

Within [Institute for Interdisciplinary Research](#) are research infrastructures with national and international relevance, developed to support fundamental and applied research in priority areas. These include [CERNESIM](#) – Integrated Centre for Environmental Science Studies in the North-East Region, [RAMTECH](#) – Research Centre for Advanced Materials and Technologies, [ARHEOINVEST](#) – Interdisciplinary Research in Archaeology, as well as the Center for Interdisciplinary Research in Archaeology. [RECENT AIR](#), integrated into the structure of the Institute in 2024, after the completion of the implementation of the infrastructure project.

Among UAIC's RDI infrastructures, [CERNESIM](#) and [ARHEOINVEST](#) are included in the [National Roadmap for Research Infrastructures](#), in the category of active infrastructures, and [CETACVA](#), the Centre for Research and Technology Transfer in Aquaculture and Aquatic Ecology, is included in the category of emerging infrastructures ([Roadmap 2021](#)). Their presence in the National Roadmap highlights the role of UAIC in the national research system. At the same time, UAIC participates in the European research infrastructure [SHARE-ERIC](#), Survey of Health, Ageing and Retirement in Europe, included in ESFRI, which develops one of the largest European panel studies in the field of social sciences, dedicated to the population aged 50 and over.

Research infrastructures developed at the level of faculties

The institutional infrastructure is completed by the centers, laboratories and research groups organized at the level of the faculties, developed in relation to the specificity of the fields of study and research directions cultivated in the University. These structures ensure the development of fundamental and applied research activities, support training through research and contribute to the integration of researchers, doctoral students and students in national and international projects.

At the level of the faculties, research infrastructures are developed in the field of biology and biodiversity, chemistry, physics and materials science, geography and geology, mathematics and computer science, economics and business administration, law, psychology and educational sciences, philosophy and socio-political sciences, history, philology and theology. These include specialized laboratories, research centers and groups, scientific collections, databases and documentary resources, adapted to the specifics of each field and used both in research activity and in master's and doctoral degree programs.



An important role in the development of research is also played by the University's permanent infrastructures, including ["Anastase Fătu" Botanical Garden](#), [Astronomical Observatory](#), [Marine Biological Station "Prof. dr. Ioan Borcea" Agigea](#), ["Ion Gugiuman" Rarău Student Research and Practice Station](#), [Physical-Geographical Research and Environmental Quality Monitoring Station Mădărjac](#) and ["Simion Mehedinți" Student Research and Practice Station Tulnici](#). These facilities complement the University's experimental infrastructure and provide conditions for conducting field research, long-term monitoring of natural processes and developing interdisciplinary projects in the field of environment, biodiversity, geosciences and natural and cultural heritage.

3.5.2. Degree of development of the research infrastructure in relation to the activities carried out

The degree of development of UAIC's R&D and innovation infrastructure is in line with its multidisciplinary profile and the research activities carried out during the 2020–2024 evaluation period. The institutional infrastructure provides the necessary conditions for conducting fundamental and applied research in all scientific fields cultivated in the University and supports the achievement of strategic objectives regarding research excellence, interdisciplinarity, internationalization and knowledge transfer to society.

The available research facilities are used in the implementation of research projects funded from national and international sources, in the elaboration of doctoral theses and postdoctoral research, in the production of scientific publications and in the development of collaborations with higher education institutions, research institutes, public authorities and partners from the socio-economic environment. At the same time, they contribute to the development of the research skills of students, master's, doctoral students and young researchers, by integrating them into experimental activities and research projects.

The complementary nature of the infrastructures developed within the Institute for Interdisciplinary Research and the faculties facilitates the joint use of laboratories, equipment, scientific collections and documentary resources, as well as the establishment of interdisciplinary research teams. This organization allows the efficient capitalization of the existing infrastructure and the development of research directions that respond to current scientific and societal challenges.

The use of research infrastructure is supported by [Institutional management and access mechanisms](#), which allow research activities to be carried out both by the academic community of the University and, under the conditions established by each infrastructure, by external users, within the framework of scientific collaborations and research projects. This model of use contributes to capitalizing on the existing infrastructure and developing scientific cooperation at national and international level.

Detailed information on the University's participation in national and European infrastructures and networks is presented in the **Annex 3.6**, and detailed information on research infrastructures, laboratories, experimental facilities and areas of competence is presented in the **Annex 3.7**.

3.5.3. Development strategy and investment planning in research infrastructure

The development of UAIC's research infrastructure is correlated with the mission and institutional objectives set out in the University Charter and in the multiannual strategic documents, aiming at strengthening research capacity, supporting interdisciplinarity, increasing competitiveness and integration into the European Research Area.

In [the period 2020–2024](#), investments aimed at both the modernization of existing infrastructures and the development of new facilities, through projects financed from national and European funds. A major strategic investment is the [RECENT AIR Center](#), developed through a project worth 87,871,395.15 lei, which significantly expanded UAIC's research capacity in the field of environment, climate change and atmospheric aerosols. In 2024, the Center was integrated into the structure of the Institute for Interdisciplinary Research, contributing to the consolidation of the University's multidisciplinary infrastructure.

The investment planning aims to develop the ICT's strategic infrastructures, modernize the laboratories and research centers in the faculties, expand the digital infrastructure and increase access to research facilities and services. These directions are continued through [the Strategic Plan 2024–2029](#), which includes the consolidation, development and modernization of the institutional infrastructure, with distinct components dedicated to research infrastructure and information infrastructure.

3.6 The research organisation is a member of scientific networks/associative structures



In the 2020–2024 evaluation period, the membership of the "Alexandru Ioan Cuza" University of Iași to scientific networks and associative structures is presented in **Annex 3.6**, which reflects the scale and diversity of institutional cooperation developed by UAIC at national and international level. In line with its mission as a university of advanced education and research, UAIC has strengthened its cooperation in the field of research through active participation in university alliances, academic organizations, European research infrastructures, consortia, clusters and other associative structures. These partnerships constituted the institutional framework for initiating and implementing research projects in partnership, organizing scientific events, developing collaborative publications and developing activities for the transfer of knowledge and research results to the socio-economic environment.

3.6.1. University alliances and academic organisations

Between 2020 and 2024, UAIC strengthened its international research dimension by actively participating in prestigious university alliances and academic organisations, such as the European Campus of City-Universities ([EC2U](#)), European University Association ([USA](#)), Coimbra Group, Utrecht Network, International Association of Universities ([IAU](#)), Agence Universitaire de la Francophonie ([AUF](#)) and [Magna Carta Observatory](#). At national level, the University has also participated in [EN European Universities](#) – The Alliance of Romanian Universities Member of Alliances of European Universities, a structure that facilitates the coordination of the common positions of the Romanian universities involved in the "European Universities" initiative, the promotion of their interests in relation to national policies in the field of higher education and research, as well as the exchange of good practices on the implementation of European alliances. Also, through [Consortium of Universities of Romania, the Republic of Moldova and Ukraine](#), UAIC has contributed to strengthening regional academic cooperation and developing joint projects in the fields of education, research, culture and the arts.

3.6.2. European infrastructures and research consortia

During the 2020–2024 evaluation period, UAIC strengthened its participation in European infrastructures and international research consortia, by engaging in structures such as [SHARE-ERIC](#), [EUROCHAMP-2020](#), [ATMO-ACCESS](#), and [RoNaQCI](#), as well as in consortia set up under the Horizon 2020 and Horizon Europe programmes, ([STARTERS](#), [ACCTING](#), [HESPRI](#), [PHITO](#), [RI4C2](#), European COST networks, etc.). Participation in these structures has created the framework for the development of research projects in partnership with universities, research institutes and other organisations in Europe, facilitating access to world-class research infrastructures and platforms, the exchange of expertise and the sharing of scientific resources.

The functionality of these partnerships is demonstrated by UAIC's participation in international consortia that have implemented research and innovation projects, developed training and mobility activities for researchers, organized scientific events and contributed to the production of collaborative publications.

3.6.3. Thematic scientific networks

During the 2020–2024 evaluation period, UAIC researchers participated in European thematic scientific networks supporting interdisciplinary cooperation, the development of research communities and the exchange of expertise at international level. An important role was played by the COST Actions, by participating in networks such as Information, Coding and Biological Function: the Dynamics of Life ([DYNALIFE](#)) and the European Network for Sigma-1 Receptor as a Therapeutic Opportunity ([SIGMA-1EUROPE](#)), which facilitated the development of scientific collaborations, the organisation of training activities, scientific missions, thematic meetings and exchanges of best practices between researchers from the European institutions.

3.6.4. Clusters, innovation hubs and structures for technology transfer

In the 2020–2024 evaluation period, UAIC strengthened its role in the regional and national research, innovation and technology transfer ecosystem by participating in clusters, innovation hubs and science and technology parks. Among them, the following stand out [Digital Innovation Zone](#), [Tehnopolis Iași](#), [Magurele Science Park](#), [EURONEST IT&C Hub](#), [ICONIC Cluster](#), [CLEMS](#) – Eco-Innovative Cluster for Sustainable Environment, [Romanian Bioinformatics Cluster](#), [IMAGO-MOL](#) – North-East Regional Innovative Cluster of Molecular and Structural Imaging and [Social Enterprise Accelerator – ADV Romania](#).

3.6.5. Professional associations and research support infrastructures



In the 2020–2024 evaluation period, UAIC strengthened its institutional research capacity by participating in professional associations and structures that support access to resources and scientific collaboration. The Association "Consortium of Universities, Research and Development Institutes and Central University Libraries in Romania" ([ANELIS Plus](#)), which ensures access to electronic information resources and scientific documentation for research and education activities, as well as collaboration with [EUROSTAT](#), through which UAIC researchers have access to microdata used in statistical and socio-economic research.

Also, participation in academic and professional organizations such as the Regional Studies Association (RSA), The Academic Association for Contemporary European Studies (UACES) and the European Consortium for Political Research (ECPR) has created opportunities for the development of international scientific collaborations, participation in specialized conferences and working groups, the exchange of good practices and the dissemination of research results in the academic communities.

3.6.6. Functionality of networks and associative structures

In the 2020–2024 evaluation period, the participation of UAIC in the networks and associative structures presented in the **Annex 3.6** has been an important factor for the development of institutional cooperation in the field of research. The cooperation agreements, protocols, articles of incorporation, letters of adhesion and other documents underlying the University's membership in these structures have created the framework for the establishment and participation in national and international consortia, the submission and implementation of research projects, the organization in partnership of conferences, workshops, summer schools and other scientific events, as well as for the elaboration and publication of articles, studies and volumes in collaboration with partners in the country and abroad.

3.7 Accredited/non-accredited testing, testing, analysis laboratories; Open Access libraries and databases created/managed to the extent that funds were available

During the 2020–2024 evaluation period, the "Alexandru Ioan Cuza" University of Iași ensured the conduct of research activities through an institutional infrastructure consisting of testing, testing and analysis laboratories, libraries and documentary resources, as well as databases and digital platforms intended to support research activity. Their detailed situation is set out in **Annex 3.7**, which includes the testing, test and analysis laboratories, libraries and open access resources created or managed by the University during the reference period.

UAIC's research infrastructure supports the conduct of fundamental and applied research in all scientific fields cultivated within the University and contributes to the implementation of research projects, the training of researchers, the development of national and international collaborations and the capitalization of research results, in accordance with the mission and objectives set out in the University Charter and the Strategic Plan.

3.7.1. Testing, testing and analysis laboratories

During the 2020–2024 evaluation period, the experimental infrastructure of the "Alexandru Ioan Cuza" University of Iași included over 60 testing, testing and analysis laboratories, organized within the Institute for Interdisciplinary Research ([ICI-UAIC](#)), as well as within the faculties of the University, in particular the [Faculty of Biology](#), [Faculty of Chemistry](#), [Faculty of Physics](#), [Faculty of Geography and Geology](#) and [Faculty of Economics and Business Administration](#). Within the Department of Exact Sciences and Natural Sciences, the research centers operate [CERNESIM](#), [RAMTECH](#) and [ARHEOINVEST](#). In 2024, the ICI infrastructure was completed by the integration of the Center [RECENT AIR](#), after the completion of the implementation of the infrastructure development project.

The laboratories and research facilities cover a wide spectrum of scientific fields, including physics and materials science, photonics and optoelectronics, analytical chemistry and environmental chemistry, nanosciences and medicinal chemistry, geosciences and environmental monitoring, geoarchaeology and cultural heritage, biology and biodiversity, as well as fields of economic and social sciences, supported by documentary infrastructures and specialized databases.

3.7.2. Endowment and accreditation status

According to the information presented in **Annex 3.7**, the University's testing, testing and analysis laboratories are non-accredited laboratories, intended mainly for scientific research and experimental development activities. They are equipped with high-performance equipment and facilities for performing physico-chemical analyses, characterization of materials, geophysical and



geoarchaeological investigations, environmental monitoring, research in the field of biodiversity and cultural heritage, as well as for the development and testing of technologies and experimental methods. The endowment of the laboratories was developed and modernized mainly through national and international projects dedicated to the development of the research infrastructure, ensuring the necessary conditions for carrying out fundamental and applied research in the scientific fields cultivated within the University. Detailed information on the facilities, research services and areas of competence of the laboratories is available through the web pages of the infrastructures presented in **Annex 3.7**, contributing to increasing the transparency and accessibility of the University's research infrastructure.

3.7.3. Open Access libraries, databases and resources

The research activity carried out within the "Alexandru Ioan Cuza" University of Iași is supported by a complex documentary infrastructure, consisting of ["Mihai Eminescu" Central University Library](#), faculty libraries and specialized documentary collections developed within research structures and academic departments. These resources ensure the access of academic staff, researchers, doctoral students and students to the scientific and documentary literature necessary to carry out research, innovation and doctoral training activities. In addition to the documentary fund of the Central University Library, the faculties develop and manage libraries and specialized collections adapted to the specificity of the research fields, such as [Library of Economic Sciences](#) within [Faculty of Economics and Business Administration](#), the libraries and specialist lectureships of the [Faculty of Letters](#) and [Library of the Seminary of Archaeology](#) within [Faculty of History](#).

During the 2020–2024 evaluation period, the academic community benefited from institutional access to the main international databases and resources for scientific information and documentation through the Association [ANELIS Plus](#), including [Web of Science](#), [Scopus](#), [ScienceDirect Freedom Collection Journals](#), [Reaxys](#) and [MathSciNet](#), as well as other specialized documentary resources, adapted to the fields cultivated within the University. These databases have been an essential support for documenting research activities, developing scientific publications, developing research projects and training doctoral students and researchers.

In accordance with the principles of Open Science and the institutional directions regarding increasing the visibility of research results, in the period 2020–2024 UAIC initiated the implementation of a platform for the development of the [institutional repository](#) of the University. The platform is designed for the collection, administration, conservation and dissemination in open access of the academic and scientific production carried out by the university community, its implementation being carried out in stages.

A complementary role in capitalizing on and disseminating research results [Publishing House of the "Alexandru Ioan Cuza" University of Iași](#), which ensures the publication of monographs, treatises, collective volumes, critical editions, dictionaries and other scientific works in the fields cultivated in the University. Together, the documentary infrastructure, scientific databases and institutional platforms dedicated to open access contribute to supporting research activity, capitalizing on scientific results and integrating UAIC into the national and international research and innovation ecosystem.

3.8 Degree of digitalisation of the research organisation

During the 2020–2024 evaluation period, the "Alexandru Ioan Cuza" University of Iași strengthened its process of digitization of research activity by developing the IT infrastructure, implementing integrated digital services and expanding platforms for research management and dissemination of scientific results. These steps support the conduct of research activities in accordance with the current standards of the European Research Area and contribute to streamlining institutional processes, developing scientific collaborations and increasing the accessibility of research results.

The digitalisation of institutional activities is coordinated through [Department for Digital Communications and Informatization \(DCDI\)](#), the structure responsible for the management of communication infrastructures, the development and maintenance of IT applications, cybersecurity and technical support for academic, administrative and research processes.

3.8.1. IT infrastructure and digital support for research

The research activity carried out at the "Alexandru Ioan Cuza" University of Iași is supported by a modern IT infrastructure, developed in accordance with the current standards of the European Research Area. The university has a fiber-optic communications network, which interconnects the 36 buildings of the university campus and serves more than 13,700 computer equipment and approximately



1,400 voice circuits. Connection to the national network for education and research RoEduNet, through two redundant connections of 10 Gbps each, ensures fast and secure access to national and international digital infrastructures and services for research.

The academic community benefits from integrated digital communications and collaboration services, including institutional e-mail, IP telephony, videoconferencing, federated authentication, secure file transfer, web hosting, IPv6 infrastructure, PKI services, and cybersecurity mechanisms. The use of Microsoft 365 and Microsoft Teams platforms facilitates collaboration within research teams, project management, and the secure exchange of documents and data.

Integration into the European eduroam network provides academic staff, researchers and doctoral students with access to the digital infrastructures of higher education and research institutions in the country and abroad, using the unique institutional identity. The university also provides federated authentication services for access to electronic resources and international scientific databases.

The digital support for research is complemented by institutional IT applications for the management of academic and administrative processes, such as the Integrated Schooling Management System (eSIMS), institutional management applications, the electronic registry and platforms for the management of documents and internal flows. At the same time, the University uses applications to check similarities and prevent plagiarism, contributing to the promotion of academic integrity and good conduct in scientific research.

3.8.2. Access to electronic scientific information resources

During the 2020–2024 evaluation period, researchers, professors and doctoral students of the "Alexandru Ioan Cuza" University of Iași benefited from permanent access to the main international databases and platforms for scientific information and documentation, through the University's participation in the [ANELIS Plus](#) and through electronic resources managed at institutional level.

The academic community had access to collections of scientific journals, bibliographic databases and reference bibliometric analysis platforms, including [ScienceDirect Freedom Collection](#), [Web of Science Core Collection](#), [Cambridge Journals](#), [Scopus](#), [Reaxys](#), [MathSciNet](#), [SciVal](#). These resources support scientific documentation, the development of research projects, the publication of results and the evaluation of scientific performance.

Access to electronic resources is ensured both from the institutional network and through remote access mechanisms and secure authentication, allowing their use regardless of the user's location.

3.8.3. Digitization of research management

The management of research activities is supported by digital tools and flows dedicated to collecting, administering, monitoring and reporting information on R&D and innovation activity. Within the University, the Scientific Research Activities Management Service ([SMACS](#)) provides institutional support for research activity and manages the Research Portal (<https://www.uaic.ro/cercetare/>), the main institutional portal dedicated to informing and supporting research activities.

The portal provides researchers with up-to-date information on [Institutional research strategy](#), [Institutional policy on gender equality](#), [Institute for Interdisciplinary Research \(ICI\)](#), [iTransfer Technology Transfer Center](#), [research infrastructures registered in ERRIS/EERTIS](#), [The European Charter for Researchers and the HRS4R process](#), [European policies on Open Science](#), [UAIC scientific journals](#), [Patent portfolio](#), [Support services available to researchers](#).

At the same time, the portal is the main institutional channel for promoting funding opportunities, ensuring that researchers are permanently informed about the [national competitions funded by PNCDI IV and other programmes managed by UEFISCDI and MCID](#); calls launched under the programme [Horizon Europe](#); [funding opportunities promoted by the North-East Regional Development Agency](#); [financial support schemes granted from institutional funds of the UAIC](#); [research scholarships and awards for students, master's and doctoral students](#); [Opportunities for mobility and international cooperation](#); [trainings, webinars and information sessions dedicated to the development and implementation of research projects](#); [regular newsletters on funding opportunities and news in the field of research and innovation](#). The portal also facilitates access to information on ongoing and completed research projects, contributing to increasing the visibility of RDI activities and developing scientific collaborations.



In the 2020–2024 evaluation period, the development of the platform was initiated within the dedicated research portal [Register of the results of the research and development activity](#), designed as an institutional tool for centralizing, monitoring and managing the results of research carried out within the University. The implementation of the platform is carried out in stages, in order to develop an integrated institutional system that facilitates the reporting of institutional indicators, the monitoring and evaluation of the performance of the research activity, as well as the capitalization of the research results.

3.8.4. Websites dedicated to research structures

In addition to [Institutional Portal](#) and [Research Portal](#), in the period 2020–2024 UAIC developed and updated a set of websites dedicated to research structures, which contribute to the promotion and dissemination of research, development and innovation activities.

[Faculties](#), [Institute for Interdisciplinary Research](#), [Research Stations](#), research centres, as well as the [iTransfer Technology Transfer Center](#) have their own web pages or dedicated sections within the institutional portal. Through them, the research directions and areas, ongoing and completed projects, available infrastructures, publications, research results, scientific events and collaboration opportunities are presented, the information being periodically updated according to the activity carried out.

Through this digital infrastructure, the University ensures public access to information on research activity, contributes to increasing the visibility of scientific results and supports the implementation of the principles of transparency, open access to knowledge and scientific collaboration.

3.8.5. Open Science and Open Access

In accordance with the principles of Open Science, in the period 2020–2024 the University initiated the implementation of the [eLibrary@UAIC](#), intended for the development of the University's institutional repository. The platform is designed for the collection, administration, conservation and dissemination in open access of the academic and scientific production carried out by the university community, its implementation being carried out in stages. During the evaluated period, the activities of organizing and progressively populating the repository were initiated, in order to develop an institutional infrastructure dedicated to open access to research results and to increase the visibility of the University's scientific production.

In addition to these efforts, the scientific journals edited by UAIC contribute to the publication and dissemination of research results, and access to electronic resources for information and scientific documentation supports the integration of researchers into the national and international knowledge circuit.

The set of IT infrastructure, digital services and institutional platforms developed in the period 2020–2024 highlights the University's concern for the digitization of research activities and the gradual implementation of the Open Science and Open Access principles, in line with the objectives of the European Research Area.

4. Results of research and impact activity at national and international level

4.1 Works of Scale and Fundamental Importance

4.1.1. Articles published in Web of Science indexed journals (Q1, Q2, Q3-Q4), ESCI, AHCI, Scopus and IEEE

In the 2020–2024 evaluation period, the research activity carried out at the "Alexandru Ioan Cuza" University of Iași by its academic staff and researchers resulted in a broad and diversified scientific production. **Annexes 4.1.1.a ÷ 4.1.1.d** comprise 3,857 articles, distributed as follows:

Crt. no.	Publications category	Number	Share of the total
1	Web of Science – Q1	1.440	37,3%
2	Web of Science – Q2	992	25,7%
3	Web of Science – Q3–Q4	504	13,1%
4	Emerging Sources Citation Index – ESCI	702	18,2%
5	Arts & Humanities Citation Index – AHCI	74	1,9%
6	Scopus, no overlap in analysed WoS lists	130	3,4%



7	IEEE	15	0,4%
Total		3.857	100%

The Web of Science publications classified JCR (Journal Citation Reports in Q1, Q2 and Q3–Q4) comprise 2,936 articles published between 2020 and 2024. Of these, 2,432 articles, respectively 82.8%, are published in journals in the upper quartiles Q1 and Q2.

Crt. no.	Year	Q1	Q2	Q3–Q4	Total JCR
1	2020	180	207	138	525
2	2021	232	211	110	553
3	2022	273	232	108	613
4	2023	419	187	67	673
5	2024	336	155	81	572
Total		1.440	992	504	2.936

The data indicates an increase in the production of JCR-rated articles between 2020 and 2023, from 525 to 673 items, followed by a reduction in 2024 to 572 items. The evolution is mainly driven by Q1 publications, which increased from 180 in 2020 to 419 in 2023, and in 2024 they remain above the levels of 2020–2022, with 336 articles. In parallel, the number of Q3–Q4 items decreases from 138 in 2020 to 67 in 2023, suggesting a shift of part of production to the upper quartiles. However, the Q1 increase should not be interpreted exclusively as an organic increase in performance: the classification of journals may change over time, and the Q1 annex specifies the use of the rank from the JCR 2024 list published in 2025. Therefore, the figures express the portfolio reclassified according to a common reference, not necessarily the rank of the journal in the year of publication of each article. Thus, 1,440 articles published in Web of Science journals classified Q1, 992 articles in Q2 journals and 504 articles in Q3–Q4 journals. In addition, 702 articles are indexed in the Emerging Sources Citation Index, 74 in the Arts & Humanities Citation Index, 130 in Scopus and 15 in IEEE publications.

Of the total of 2,936 articles published in journals classified in Journal Citation Reports, 82.8% fall into the Q1 and Q2 quartiles, of which 49.0% in Q1 and 33.8% in Q2. The annual evolution highlights the increase in JCR production from 525 items in 2020 to 673 in 2023, followed by 572 items in 2024. In the same period, the number of Q1 articles increased from 180 in 2020 to 419 in 2023 and 336 in 2024, at the same time as the reduction in Q3–Q4 publications.

ESCI, AHCI, Scopus, and IEEE articles are distributed as follows:

Crt. no.	Year	GET OUT	AHCI	Scopus	IEEE	Total
1	2020	118	16	16	2	152
2	2021	114	11	32	6	163
3	2022	119	18	23	2	162
4	2023	144	13	38	2	197
5	2024	207	16	21	3	247
Total		702	74	130	15	921

There is an increase in ESCI publications in 2024, to 207 articles, compared to 118 in 2020. The AHCI segment is smaller numerically, but relatively stable, between 11 and 18 items annually. This is especially relevant for the humanities, where niche books, chapters, and journals play a more important role than in the experimental sciences. Annex 4.1.1a brings together the ESCI, AHCI, Scopus and IEEE articles distinctly.

The scientific production covers all the fields cultivated in the University. The results are published both in journals of established publishing houses and scientific societies, as well as in international open access journals.

Editorial profile

Of the 2,936 JCR articles, the "Publisher" column indicates:

Crt. no.	Publisher/Publishing Group	Q1	Q2	Q3–Q4	Total	Share of JCR
1	MDPI	411	450	59	920	31,3%
2	Springer/Springer Nature	301	137	34	472	16,1%



3	Elsevier and associated editorial variants	324	84	29	437	14,9%
4	Taylor & Francis/Routledge	85	53	47	185	6,3%
5	Wiley	43	33	24	100	3,4%
6	Other publishers	276	235	311	822	28%
Total		1.440	992	504	2.936	100%

The analysis of the editorial profile highlights that 920 of the 2,936 JCR articles, respectively 31.3%, were published in journals edited by MDPI. Another 1,194 papers, representing 40.7 percent, have been published in Springer/Springer Nature, Elsevier, Taylor & Francis/Routledge, and Wiley, and 822 articles, or 28.0 percent, respectively, appear in other international publishers and scientific societies. Thus, 68.7% of JCR's production is distributed outside the MDPI portfolio, which indicates the existence of significant editorial diversity. This structure highlights both the adoption of open access publishing models and the maintenance of a consistent presence in established journals. From the perspective of institutional development, it is necessary to continue diversifying the editorial portfolio and evaluating publications not only through the journal's quartile, but also through the impact of citations, the relevance of the contribution and recognition in the scientific communities.

Evolution of scientific production in the period 2020–2024

The analysis of the publications indexed in the Web of Science–Journal Citation Reports highlights the maintenance of a sustained scientific activity in the period 2020–2024. The number of articles published in JCR journals increased from 525 in 2020 to 673 in 2023, up from 572 in 2024. In total, 2,936 JCR articles were published, of which 1,440 in Q1 journals, 992 in Q2 and 504 in Q3–Q4.

Articles published in Q1 and Q2 journals represent 82.8% of the total of, highlighting the orientation of UAIC researchers towards publications with high international visibility. The number of Q1 articles increased from 180 in 2020 to 419 in 2023 (336 in 2024), while Q3–Q4 publications decreased from 138 in 2020 to 81 in 2024. These results reflect the activity carried out both within the faculties, through the research centers and laboratories, and in the departments and infrastructures of the Institute for Interdisciplinary Research.

Thematic distribution of publications

The scientific production presented in annexes 4.1.1.a–4.1.1.d covers the entire multidisciplinary profile of the University. In the absence of a numerical classification by fields, the thematic analysis was carried out based on the titles of the articles and the journals in which they were published.

In the exact and natural sciences, research in physics, mathematics, computer science, chemistry, materials science, biology, ecology, geography and geology are represented, published in prestigious international journals. In fundamental physics, the participation of UAIC researchers in international collaborations, including CERN-ATLAS, is reflected through publications in reference journals, confirming their integration into large-scale scientific consortia and infrastructures.

In the field of environment and climate change, the publications address topics such as atmospheric chemistry, air quality, pollutants and natural hazards, capitalizing on the work of institutional infrastructures. In chemistry, advanced materials and nanotechnologies, research is aimed at functional materials, nanomaterials, catalysis, sensors and applications for energy, environment and health.

The fields of biology, biodiversity, ecology and biomedical research are represented by fundamental and applied studies on ecosystems, species conservation, ecotoxicology, neurobiology and pharmacology. In cultural heritage and interdisciplinary archaeology, publications capitalize on interdisciplinary methods and reflect the activity carried out including through international collaborations.

In the social sciences, publications cover economics, management, finance, regional development, public policy, sociology, psychology, educational sciences, political science and European studies, addressing topics such as sustainable development, innovation, digitalization, competitiveness and governance. In the humanities, research in philology, linguistics, history,



philosophy, theology and cultural studies is represented by articles indexed in AHCI and ESCI, in accordance with the editorial practices specific to the field.

The results of the 2020–2024 publication highlight the diversity of research fields cultivated at UAIC and the ability of the academic community to capitalize on the results in internationally indexed publications. The 82.8% share of Q1 and Q2 articles, the participation in international scientific collaborations and the presence in relevant journals confirm the visibility and integration of UAIC research in the national and international knowledge circuit. The detailed status of the publications is presented in **Annexes 4.1.1.a ÷ 4.1.1.d**.

4.1.2. Articles published in CNCS indexed journals (categories A and B) in the field of humanities

Between 2020 and 2024, the teaching staff and researchers of the "Alexandru Ioan Cuza" University of Iași published 358 articles in journals classified by the National Council for Scientific Research (CNCS) in categories A and B, specific to the humanities. The annual distribution (48 in 2020, 82 in 2021, 83 in 2022, 78 in 2023 and 67 in 2024) highlights a constant editorial activity and the maintenance of a high level of scientific production in areas where CNCS journals represent one of the main channels for disseminating research results.

Most of the publications were published in journals in the CNCS B category (341 articles, 95.3%), the main national channel for capitalizing on research in the humanities. At the same time, 17 articles were published in CNCS A journals (4.7%), constantly distributed throughout the analysed period. This structure reflects the specifics of editorial practices in the humanities, in which prestigious national journals complement the publication in internationally indexed journals.

The annual evolution indicates an increase in the number of articles after 2020, with a maximum in 2022 (83 articles), followed by maintaining a close level in the following years. The trend reflects the strengthening of research activity and the complementarity between publication in CNCS journals and in international indexed journals Web of Science (AHCI, ESCI) and Scopus.

The publications come from the activity of the researchers of the Faculty of History, the Faculty of Letters, the Faculty of Orthodox Theology, the Faculty of Roman Catholic Theology, the Faculty of Philosophy and Social-Political Sciences, the Faculty of Law and the Department of Socio-Human Sciences within the Institute for Interdisciplinary Research (ICI-DSU). Interdisciplinary contributions from the Faculty of Economics and Business Administration are also present, especially in applied linguistics and intercultural communication.

Most of his scientific production belongs to the field of history and archaeology, through articles published in established journals such as *the Scientific Annals of the "Alexandru Ioan Cuza" University of Iași – History*, *the Historical Review*, *the Yearbook of the "A.D. Xenopol" Institute of History, Studies and Materials of Middle History*, *Studia Antiqua et Archaeologica*, *Historia Urbana* and *Studia Universitatis Babeș-Bolyai. History*. The research addresses medieval and modern history, international relations, diplomacy, cultural heritage, archaeology and classical studies.

In philology and cultural studies, articles published in journals such as *Linguaculture*, *Philologica Jassyensis*, *ANADISS*, *Meridian Critic*, *Diversité et Identité Culturelle en Europe*, *Limba Romanian*, *Quaestiones Romanicae* and *University of Bucharest Review* reflects current directions on linguistics, translation, discourse analysis, comparative literature, interculturality and linguistic heritage.

Philosophical and theological research is represented by contributions published in journals such as *Review of Ecumenical Studies*, *Classica et Christiana*, *Theology and Life*, *Theological Dialogue*, *The Altar of Reunification*, *Theology*, and *Studia Theologia Catholica*, covering topics of philosophy of culture, hermeneutics, history of ideas, biblical theology, patristics, spirituality and ecumenical dialogue. In this field there are also articles published in journals classified in the CNCS A category.

All publications confirm that CNCS A and B journals remain an important dissemination channel for humanistic research, especially in areas where the language of publication and national or regional relevance are essential. At the same time, there is an increasing orientation towards complementary publication in international indexed journals AHCI, ESCI, Web of Science and Scopus, contributing to increasing the international visibility of the research developed at UAIC. The detailed situation of the publications is presented in **Annex 4.1.2**.

4.1.3. Treatises/books/monographs published as an author by an established publisher abroad

In the 2020–2024 evaluation period, the teaching staff and researchers of the "Alexandru Ioan Cuza" University of Iași published 36 treatises, books and monographs, as author or co-author, at



established publishing houses abroad, contributing to the international capitalization of the research results and to the strengthening of the academic visibility of the University. The annual evolution highlights a constant editorial activity throughout the evaluation period, with 12 volumes published in 2020, 4 in 2021, 9 in 2022, 3 in 2023 and 8 in 2024. After the high level recorded in 2020, the editorial production remained relatively constant, confirming the continuity of the publication of volumes by established publishers abroad and the strengthening of the international visibility of UAIC's research.

The publications come from 10 faculties and research structures of the University, confirming the multidisciplinary nature of the scientific activity carried out within UAIC. The most numerous contributions belong to the Faculty of Orthodox Theology (10 volumes), followed by the Faculty of Economics and Business Administration (4 volumes), the Faculty of Mathematics (4 volumes), the Faculty of Letters (4 volumes), the Department of Social and Human Sciences of the Institute for Interdisciplinary Research (3 volumes) and the Faculty of Philosophy and Social-Political Sciences (3 volumes). Important contributions are also recorded from the Faculties of Computer Science, History, Biology and Geography and Geology.

The volumes have been published both by academic publishing houses with consolidated international recognition, as well as *Palgrave Macmillan*, *Routledge*, *Springer Nature* (*Springer and Birkhäuser*), *Walter de Gruyter*, *Peter Lang*, *World Scientific*, *Cambridge Scholars Publishing*, *Ethics International Press*, *St. Vladimir's Seminary Press* and *The Council for Research in Values and Philosophy*, as well as to other academic and university publishing houses in Europe and North America. This editorial diversity reflects the integration of UAIC researchers into international academic networks and participation in editorial programs dedicated to different areas of research.

From the perspective of scientific fields, the publications illustrate the multidisciplinary profile of the University. In the social sciences, volumes dedicated to sustainable development, economics, taxation, regional development and public policies stand out, including the series *The Sustainable Development Theory: A Critical Approach* (*Palgrave Macmillan*), papers on European taxation published at *Routledge* and studies on the informal economy developed in collaboration with *International Labour Organization (ILO)*. In mathematics and computer science, volumes devoted to mathematical modeling, hypergroup theory, cryptography, secure e-commerce and artificial intelligence have been published, at publishers such as *Springer Nature* and *World Scientific*. In the humanities, published volumes address fields such as philosophy, intercultural studies, philology, history, theology and cultural heritage, being edited by publishers such as *Walter de Gruyter*, *Peter Lang*, *Cambridge Scholars Publishing* and *Leipziger Universitätsverlag*. The Annex also highlights contributions from the fields of biology and geography, relating to biodiversity, marine ecology and rural development. The detailed situation is presented in **Annex 4.1.3**.

4.1.4. Treatises/books/monographs published as editor/coordinator at an established publishing house abroad

Between 2020 and 2024, the teaching staff and researchers of the "Alexandru Ioan Cuza" University of Iași coordinated or edited 51 treatises, collective volumes and monographs published by established publishers abroad, highlighting the active involvement in international editorial projects and strengthening the visibility of UAIC research. The annual evolution indicates an upward trend, from 7 volumes in 2020, 8 in 2021, 5 in 2022 and 10 in 2023, to 21 volumes in 2024, which represent more than 40% of the total volumes coordinated in the period evaluated. This evolution reflects the strengthening of the role of UAIC researchers in coordinating international editorial projects.

The volumes have been published by prestigious academic publishers, such as Springer International Publishing, Springer Nature, Palgrave Macmillan, Brill, Edward Elgar Publishing, Cambridge University Press, Peter Lang, Harrassowitz Verlag, Archaeopress, Hartung-Gorre Publishers, Nova Science Publishers, L'Harmattan, CERF, Maklu Publishers, Aracne and Publications Office of the European Union, confirming the international recognition of the scientific expertise developed at UAIC and the integration of the scientific expertise developed at UAIC and the integration of the scientific expertise developed at UAIC. researchers in prestigious publishing networks.

The theme of the volumes reflects the multidisciplinary nature of the research carried out in the University. In the field of social and economic sciences, volumes dedicated to regional development, economic resilience, public policies, sustainability, knowledge management and social services have been coordinated, published mainly by Springer, Edward Elgar Publishing, Palgrave Macmillan and Publications Office of the European Union.



In the field of history, archaeology and cultural heritage, volumes on diplomacy, international relations, cultural heritage, epigraphy, archaeology and history of Central and Eastern Europe have been coordinated, published by Brill, Archaeopress, Harrassowitz Verlag, Hartung-Gorre Publishers, Peter Lang and Isis Press. These works capitalize on the results of the research developed in the infrastructures and research centers of the University, especially within the ARHEOINVEST Center and the research groups in the field of history and heritage.

In philology, linguistics, cultural studies and translation, volumes dedicated to modern Romanian culture, applied linguistics, translation studies, intercultural communication and European cultural dialogue have been coordinated, published by Hartung-Gorre Publishers, Peter Lang, Nova Science Publishers, Cambridge University Press and Verlag Friedrich Pustet.

In the period 2023–2024, the development of the field of computer science, artificial intelligence and intelligent systems is also noteworthy, through volumes resulting from international conferences, published in the Springer and Springer Nature collections and dedicated to artificial intelligence, cognitive systems, intelligent energy, sustainable computing and emerging digital technologies. The detailed situation is presented in **Annex 4.1.4**.

4.1.5. Treatises/books/monographs published as an author at the Romanian Academy Publishing House or at a publishing house classified CNCS A

Between 2020 and 2024, the teaching staff and researchers of the "Alexandru Ioan Cuza" University of Iași published, as authors, 73 treatises, books and monographs at publishers classified CNCS category A, results that highlight the university's contribution to the development of fundamental research in the fields in which the monograph is the main product of scientific activity. The annual distribution highlights an intensification of editorial activity in the second part of the analysed period, from 11 volumes in 2020, 10 in 2021 and 11 in 2022, to 24 volumes in 2023 and 17 volumes in 2024 confirms the consolidation of editorial production within prestigious national publishing houses.

The volumes were published by established academic publishing houses, classified CNCS category A, among which *"Alexandru Ioan Cuza" University of Iași Publishing House, Polirom, Doxologia, Humanitas, University of Bucharest Publishing House, Pro Universitaria* and *MEGA Publishing House*, confirming the academic recognition of the results of the research carried out within the University.

The analysis of the publications highlights the multidisciplinary nature of UAIC research. Theology is the field with the most consistent editorial production, through volumes dedicated to biblical, patristic, dogmatic, liturgical theology and Orthodox spirituality, published mainly at *Doxologia Publishing House*. History and archaeology are represented by monographs dedicated to modern and contemporary history, diplomacy, cultural heritage, epigraphy and experimental archaeology, results of the research carried out both within the Faculty of History and the ARHEOINVEST Center of the Institute for Interdisciplinary Research.

In the field of philology and cultural studies, volumes on linguistics, literary criticism, comparative literature and intercultural studies have been published, and in the field of educational sciences and psychology, works dedicated to pedagogy, didactics, digital education and special psychopedagogy have appeared. The social sciences are also represented, through works on sustainable development, cultural anthropology and social policies, as well as geography, physics and biology, through monographs and specialized works that capitalize on the results of the research carried out within the faculties and research infrastructures of the University.

The publications come from both the UAIC faculties and the research departments of the Institute for Interdisciplinary Research (ICI) (through ARHEOINVEST and the Department of Social and Human Sciences), which confirms the contribution of the entire institutional research ecosystem to the editorial production at national level. The detailed situation of these publications is set out in **Annex 4.1.5**.

4.1.6. Treatises/books/monographs published as editor/coordinator at the Romanian Academy Publishing House or at a publishing house classified CNCS A

Between 2020 and 2024, the teaching staff and researchers of the "Alexandru Ioan Cuza" University of Iași coordinated or edited 69 treatises, collective volumes and monographs published at the Romanian Academy Publishing House and at CNCS category A publishing houses, a result that reflects the professional recognition of UAIC researchers and their ability to coordinate complex editorial projects and national and international academic collaborations.



The annual evolution highlights a constant editorial activity throughout the analysed period, with 11 volumes in 2020, 18 in 2021, 18 in 2022, 10 in 2023 and 12 in 2024. The annual distribution reflects the continuous involvement of UAIC researchers in the coordination of collective volumes and reference editorial projects.

The volumes have been published by prestigious publishing houses, such as *Publishing House of the Romanian Academy*, *Publishing House of the "Alexandru Ioan Cuza" University of Iași*, *Polirom*, *Doxology*, *European Institute* and *MEGA Publishing House*, all recognized in the national system of research evaluation by the CNCS classification or by the statute of the Romanian Academy Publishing House.

The analysis by fields highlights the multidisciplinary nature of the editorial activity carried out within UAIC. In geography, geosciences and environmental sciences, volumes dedicated to territorial development, resilience, geosciences and soil research have been coordinated, such as *Quality of Life and Resilience of Geographic Systems*, *The European Atlas of Resilience*, *Turbulence*, discontinuities and territorial adaptations in the *Anthropocene* and *Geographical challenges* for a sustainable future, results of interdisciplinary collectives and collaborations developed within national and international projects.

In the field of history, cultural heritage and cultural studies, UAIC researchers have coordinated numerous collective volumes on the history of Romania, international relations, cultural heritage and the editing of historical sources, including volumes published at *Romanian Academy Publishing House*, as well as *Documenta Romaniae Historica*, but also works dedicated to the history of communism, diplomacy and cultural heritage.

Psychology and Educational Sciences are represented by volumes dedicated to digital education, clinical psychology, quantitative research methods and psychopedagogical interventions, published at *Polirom Publishing House*, while the Faculty of Economics and Business Administration contributes by coordinating works on economic and financial analysis and business environment development.

A significant contribution is made by the Faculty of Orthodox Theology, through the coordination of the collection *Studia Theologica Doctoralia*, the volumes resulting from the *International Symposium "Dumitru Stăniloae"*, as well as numerous critical editions and volumes dedicated to the Orthodox spiritual patrimony, published at *Doxologia Publishing House*.

Also, the Institute for Interdisciplinary Research, through the Department of Socio-Human Sciences (ICI-DSU), contributes to the editorial activity by coordinating volumes dedicated to cultural heritage, interdisciplinary studies, digital philology and the exploration of Romanian corpuses, highlighting the integration of interdisciplinary research in the university's editorial production. The detailed situation of the publications is presented in **Annex 4.1.6**.

4.1.7. Treatises/books/monographs published as an author at a well-established publishing house in the country or at a publishing house classified CNCS B

Between 2020 and 2024, the teaching staff and researchers of the "Alexandru Ioan Cuza" University of Iași published, as authors, 200 treatises, books and monographs at established publishing houses in Romania and at publishers classified CNCS category B. The annual distribution indicates a sustained editorial activity throughout the evaluation period, with 36 volumes in 2020, 47 in 2021, 33 in 2022, 39 in 2023 and 45 in 2024. The evolution confirms the continuity of the capitalization of the research results through established national publishing houses.

The volumes were published by publishers with national academic recognition, among which are *"Alexandru Ioan Cuza" University of Iași*, *Hamangiu*, *Universul Juridic*, *C.H. Beck*, *European Institute*, *House of the Science Book*, *Pro Universitaria*, *Sapientia*, *Junimea*, *Eikon*, *Matrix Rom*, *Tehnopress*, *Ars Longa*, *Risoprint*, *PIM*, *Ștef*, *Ecozone*, *Performantica* and other publishers established or classified CNCS B.

The thematic distribution of these papers highlights the multidisciplinary nature of the research developed within UAIC and the university's ability to generate relevant scientific contributions in a wide spectrum of fields. An important weight is given to the legal sciences, where treatises, legislative commentaries, monographs and doctrinal works have been published in the fields of constitutional, administrative, civil, criminal, procedural, financial, European and environmental protection law, many of which represent reference works used both in the academic environment and in legal and judicial practice.



In the economic sciences, research on the European economy, regional development, territorial resilience, sustainability, public administration, finance and intercultural communication are represented, and in the social sciences there are works from the fields of philosophy, sociology, communication, social work and organizational studies. The humanities are represented by monographs dedicated to philology, linguistics, translation, history, cultural heritage and cultural studies, results of both the faculties and the Department of Social and Human Sciences of ICI.

Relevant contributions can also be found in the fields of psychology and educational sciences, through volumes dedicated to educational innovation, applied psychology and social inclusion, as well as in geography and environmental sciences, chemistry, mathematics, physics, biology and theology, where monographs and specialized works have been published that capitalize on the results of fundamental and applied research carried out within the university. Also, during this period, contributions from ICI-CERNESIM, in the field of sustainable agriculture and environmental technologies, can be highlighted, confirming the involvement of research infrastructures in the university's editorial activity. The detailed situation of the treaties, books and monographs published during the reference period is presented in **Annex 4.1.7**.

4.1.8. Treatises/books/monographs published as editor/coordinator at an established publishing house in the country or at a publishing house classified CNCS B

Between 2020 and 2024, the teaching staff and researchers of the "Alexandru Ioan Cuza" University of Iași coordinated or edited 94 collective volumes, treatises and monographs published by established publishers in Romania and at publishers classified CNCS category B. The annual evolution highlights a constant development of the publishing activity, from 13 volumes in 2020 to 18 in 2021, 19 in 2022, reaching a maximum of 28 volumes in 2023, followed by 16 volumes in 2024, as reported in the Annex.

The volumes were published at *"Alexandru Ioan Cuza" University of Iași Publishing House*, but also at established publishing houses such as *Universul Juridic, Hamangiu, Lumen, European Institute, Sapientia, Eikon, Solomon, Cetatea de Scaun, Tehnopress, PIM, Astra Museum* and other publishing houses recognized in the national research evaluation system. The thematic distribution reflects the deeply multidisciplinary nature of the research developed within the university.

In the economic and administrative sciences, a large number of volumes resulting from the conferences and research networks developed by the FEAA (EUFIRE, EU-PAIR, GEBA, EUCONOMICS, SMART-EU, EURINT), dedicated to economic resilience, European finance, public administration, digitalization, regional development and sustainability, stand out. These volumes demonstrate the faculty's ability to periodically organize international scientific events and to capitalize editorially on their results.

In the legal sciences, the coordinated volumes address the evolution of national and European law, ethics and academic integrity, entrepreneurship and jurisprudence, being published both by university and by established legal publishers.

In the humanities, the Faculty of Letters, the Faculty of History, the Faculty of Roman Catholic Theology and the collectives of the Institute for Interdisciplinary Research through the Department of Socio-Human Research (ICI-DSU) coordinated volumes dedicated to philology, cultural heritage, linguistics, biblical translation, literature, history, theology and cultural studies, many of which brought together contributions from researchers from Romania and abroad.

In the social sciences, the Faculty of Philosophy and Social-Political Sciences and the Faculty of Psychology and Educational Sciences coordinated volumes dedicated to university education, psychology, social inclusion, public policies and human resources development, reflecting the concern for the innovation of educational methodologies and the consolidation of applied research. The detailed situation is presented in **Annex 4.1.8**.

4.1.9. Chapters in treatises/books/monographs published by established publishers abroad

Between 2020 and 2024, the teaching staff and researchers of the "Alexandru Ioan Cuza" University of Iași published 440 chapters in treatises, books and monographs published by prestigious international publishers, confirming the integration of the research carried out within the university into the international academic circuit and the active participation in editorial projects developed together with researchers from numerous universities and research institutes around the world. The annual distribution highlights a sustained editorial activity, with 90 chapters published in 2020, 99 in 2021, 55 in 2022, 125 in 2023 and 71 in 2024. The year 2023 represents the maximum of the analysed period,



confirming the intensification of the participation of UAIC researchers in collective volumes published by international publishers.

The chapters have been published by some of the most important international academic publishers, including *Springer, Elsevier/Academic Press, John Wiley & Sons, Routledge, Brill, Edward Elgar Publishing, Emerald Publishing, Palgrave Macmillan, Cambridge Scholars Publishing, IGI Global, World Scientific, CABI International, Archaeopress, Hartung-Gorre Verlag, L'Harmattan, LGDJ, IntechOpen, Nova Science Publishers, V&R Unipress*, along with other established publishers in Europe and North America.

Contributions cover all major areas of research developed within UAIC. In the exact and natural sciences, researchers have published chapters dedicated to the mechanisms of organic reactions, environmental biotechnologies, materials chemistry, biodiversity, water resources, geomorphology, remote sensing, bioremediation, sustainable agriculture, and applications of artificial intelligence in the biomedical field. Numerous contributions appear in the editorial collections of Springer, Elsevier and John Wiley & Sons, internationally recognized for their editorial standards and scientific impact.

In economics and administrative sciences, chapters cover topics such as regional development, economic resilience, financial markets, corporate governance, migration and labour mobility, entrepreneurship, digital transformation, smart cities, tourism, sustainable development and the space economy. The publication of these contributions in volumes coordinated by internationally renowned researchers reflects the integration of UAIC researchers into European and global academic networks.

In the humanities and social sciences, the university's researchers have contributed studies on European cultural heritage, diplomacy and international relations, the history of Central and Eastern Europe, philosophy, ethics, theology, linguistics, literature, Jewish studies, education, social work, psychology and public policy. These contributions capitalize on comparative and interdisciplinary perspectives and bring together authors from numerous international academic centers.

The geographical distribution of the publishing houses highlights an extensive academic collaboration, the volumes being published in *United Kingdom, Switzerland, Germany, France, Italy, Netherlands, Belgium, Norway, Sweden, Czech Republic, Portugal, Austria, United States of America, Canada, Singapore, Japan* and in other states, which demonstrates the international visibility of the research carried out at UAIC and the participation of the university's researchers in global editorial projects. The full situation of the published chapters is presented in **Annex 4.1.9**.

4.1.10. Chapters in treatises/books/monographs published by the Romanian Academy Publishing House or by publishers classified CNCS A

Between 2020 and 2024, the teaching staff and researchers of the "Alexandru Ioan Cuza" University of Iași published over 566 chapters in treatises, books and monographs published by the Romanian Academy Publishing House and at CNCS A classified publishing houses, confirming the national recognition of the research results and the active participation of the UAIC academic community in the production of collective reference volumes for the Romanian scientific environment. The annual evolution highlights a sharp increase in editorial production between 2020 and 2022, from 79 chapters to 159, followed by maintaining a high level in 2023 (110 chapters) and 2024 (111 chapters).

The publications were produced by publishing houses with established academic prestige, including *Romanian Academy Publishing House, Polirom, "Alexandru Ioan Cuza" University Publishing House of Iași, Mega, Cluj University Press, Doxologia, Artes, Hamangiu, Argonaut, European Institute, Eikon* and other publishers classified in the CNCS A category during the evaluated period.

The published chapters reflect the diversity of research areas developed within the university. In the humanities and social sciences, the contributions address themes from history, philosophy, theology, law, cultural studies, education, sociology and cultural heritage, being included in volumes dedicated to representative moments and personalities of Romanian culture, national history and contemporary philosophical reflection.

In the exact and natural sciences, UAIC researchers have contributed chapters on biodiversity and species conservation, geography and territorial development, resilience and sustainable development, geology, archaeology, historical demography, as well as interdisciplinary applications in the field of geosciences and environmental sciences. A relevant example is the participation in the volumes *The Red Book of Invertebrates in Romania*, published by the Romanian Academy Publishing



House, as well as in works dedicated to sustainable development, territorial resilience and interdisciplinary archaeological research.

In the fields of economics, psychology and educational sciences, the contributions deal with topics such as digital education, long-term care, chronic disease management, public policies, sustainable development and economic and social transformations, illustrating the orientation of UAIC research towards current problems and with an impact on society.

An important role is also played by the Publishing House of the "Alexandru Ioan Cuza" University of Iași, classified CNCS A during the period relevant to the evaluation, which published numerous collective volumes coordinated by professors and researchers of the university and which brought together contributions from specialists from academic institutions in Romania and abroad. These works demonstrate UAIC's ability to generate and coordinate editorial projects with national relevance and to constitute platforms for debate for the scientific community. The full list of published chapters is presented in **Annex 4.1.10**.

4.1.11. Chapters in treatises/books/monographs published by established publishers in the country or by publishers classified CNCS B

Between 2020 and 2024, the teaching staff and researchers of the "Alexandru Ioan Cuza" University of Iași published 392 chapters in treatises, books and monographs published by established publishing houses in the country and at CNCS B classified publishing houses, confirming the constant presence of UAIC researchers in collective volumes with national relevance and their contribution to the development of interdisciplinary research directions. The annual distribution indicates a constant editorial activity, with 59 chapters in 2020, 106 in 2021, 94 in 2022, 92 in 2023 and 41 in 2024. After the increase recorded in 2021, production remained at a high level until 2023, followed by a reduction in the last year of the period evaluated.

The contributions were published at publishing houses with tradition and academic visibility, including *Universul Juridic*, *Hamangiu*, *C.H. Beck*, *Junimea*, *European Institute*, *Sedcom Libris*, *Eikon*, *Solomon*, *Cathisma*, *Sapientia*, *Pro Universitaria*, *Tracus Arte*, *Arhipelag XXI Press*, *Chuj University Press*, as well as "Alexandru Ioan Cuza" University of Iași Publishing House, which has published an important number of collective volumes coordinated by researchers of the university.

The theme of the volumes highlights the orientation of research towards contemporary challenges and themes with social and institutional impact, such as the COVID-19 pandemic, digital transformation, institutional governance and resilience, regional development, circular economy, sustainability, long-term care, online education, communication and media, social values, public and private law, as well as research dedicated to historical, cultural and religious heritage. At the same time, numerous contributions have been included in homage volumes, reference legal commentaries and collective works dedicated to fundamental themes in the humanities and social fields.

An important role is played by the collective volumes coordinated within the "Alexandru Ioan Cuza" University of Iași and published by UAIC Publishing House, which bring together contributions from researchers from several faculties and research institutes, promoting interdisciplinary collaboration and capitalizing on research results within large-scale editorial projects. The full list of published chapters is presented in **Annex 4.1.11**.

4.1.12. Dictionaries, atlases, encyclopaedias, critical editions and translations of literary and scientific texts

Between 2020 and 2024, the "Alexandru Ioan Cuza" University of Iași made 91 contributions in the category of dictionaries, atlases, encyclopedias, critical editions and translations of literary, philosophical, theological and scientific texts. The annual evolution highlights a progressive increase in editorial production, from 4 papers in 2020, to 17 in 2021, 21 in 2022, 24 in 2023 and 25 in 2024. The trend reflects the constant development of editorial projects dedicated to cultural heritage, philology, translations and critical editions. These results highlight the role of UAIC in the preservation, editing, interpretation and valorisation of cultural, linguistic and intellectual heritage, as well as the university's contribution to the development of the editorial and documentary infrastructure necessary for humanistic and interdisciplinary research.

A direction of excellence is represented by the critical editions and historical philology projects, carried out mainly within the Institute for Interdisciplinary Research and the Faculty of Letters. Among the reference works are *Dosoftei*, *Molităvnic de-năles (1681)*, *Monumenta linguae Dacoromanorum*. *The Voroneța Psalter*, the "Shepherd" Psalter, *Texts, Studies, Word Index*, *Wörterbüchlein Deutsch und*



Wallachisches, German and Romanian Vocabulary, as well as bilingual and commented editions of medieval and patristic texts. These publications capitalize on old manuscripts and prints, being accompanied by critical apparatuses, introductory studies, philological notes and specialized indexes, contributing to the research of the history of the Romanian language and of the European cultural heritage.

In the field of lexicography and digital resources, UAIC researchers developed the project *The First Romanian Bilingual Dictionaries (17th Century)*. Processed and aligned digital corpus (*eRomLex*), one of the most important digital resources dedicated to the old Romanian lexicon. The activity is complemented by the elaboration of dictionaries and encyclopaedic works, such as *A Dictionary of the Romanian Female Exile*, contributions to *the Encyclopedia of the Representatives of Romanian Historical Writing*, *the Romanian Legal Encyclopedia* and *The International Encyclopedia of Geography*, demonstrating the involvement of UAIC researchers in reference projects at national and international level.

The University has also made an important contribution in the field of historical and geographical atlases, by publishing works such as *the Historical Atlas of Cities in Romania – Roman* and *the Atlas of Morphometric Vulnerability to Floods in Romania*, which complete the documentary infrastructure for historical, geographical and territorial research.

A particularly consistent segment is represented by academic translations, made from ancient Greek, Latin, French, English, German, Russian and other languages. These include both fundamental works of universal literature and works of philosophy, theology, law, and social sciences. Translated authors include *Leo Tolstoy*, *Friedrich Dürrenmatt*, *Jane Austen*, *Charles Dickens*, *André Breton*, *Fareed Zakaria*, *Lee McIntyre*, *Michael Hauskeller*, *Richard Rohr*, *Eric Weil*, *Origen*, *St. Ephraim the Syrian*, *St. Gregory Palamas*, *St. Nilus of Ancyra*, and numerous other patristic and contemporary authors. Many of these volumes are accompanied by introductory studies, bilingual editions, commentaries and critical apparatuses that enhance their scientific value and facilitate their integration into research and the educational process. The full list of publications is set out in **Annex 4.1.12**.

4.1.13. Registered and published patent applications

Between 2020 and 2024, the "Alexandru Ioan Cuza" University of Iași carried out a constant activity to protect research results by filing and publishing 21 patent applications, reflecting the institution's concern for capitalizing on research results and developing technological innovation. The annual distribution highlights a sustained level of patent activity, with 8 applications registered in 2020, 5 in 2021, 4 in 2022 and 4 in 2023.

The patent activity covers a wide spectrum of scientific and technological fields, confirming the multidisciplinary nature of the research carried out within UAIC. Most of the applications come from the field of Informatics (7 applications), where solutions on data security, cryptographic key management, intelligent information systems, blockchain technologies and secure cloud, personal data protection, recruitment systems, digital medical applications and solutions for smart agriculture based on satellite images were developed. A relevant element is the fact that most of these inventions were developed in collaboration with companies in the IT sector, demonstrating the orientation towards technology transfer and applied innovation.

In the field of Biology (4 applications), inventions have been developed regarding bioactive peptides with biomedical applications, products with high nutritional value for ornamental aquaculture, processes for obtaining nicotine derivatives and synthetic flavonoids with antibacterial properties, results with potential application in biotechnologies and health.

In the field of Physics (3 applications), innovative solutions were proposed regarding the use of protein nanopores for the detection of DNA and hepatitis B antigens, as well as processes for obtaining lead-free piezoelectric ceramics for energy recovery. These results illustrate the orientation of research towards functional materials and advanced technologies with biomedical and energy applications.

An important role also belongs to the infrastructures of the Institute for Interdisciplinary Research. Within ARHEOINVEST, a process was patented to stop the insectofungal attack on wooden artifacts, with applicability in the preservation of cultural heritage, and within CERNESIM a capacitive ceramic sensor for measuring relative humidity and a porous ceramic catalyst for the combustion of volatile organic compounds were developed. At the same time, ICI researchers have patented a process to obtain thin layers of perovskite based on bismuth ferrite for solar and mechanical energy conversion devices.



The patent activity is complemented by contributions from Chemistry, regarding the obtaining of porous strontium titanium nanospheres with applications in materials science, as well as from the field of Sports Science, where a device was developed for optimizing athletes' training in the hurdles event.

A particular result is the patent application for interference peptides used as inhibitors of the interactions involved in the endocytosis of AMPAR receptors, the only invention in the period under review for which the protection was simultaneously extended nationally and internationally, through OSIM, the World Intellectual Property Organization (WIPO), the United States Patent and Trademark Office (USPTO) and the European Patent Office (EPO). This result highlights the potential for international capitalization of the research carried out within UAIC and the high level of technological maturity of some research results.

The portfolio of 21 patent applications demonstrates the existence of a constant activity of innovation and protection of intellectual property, distributed in the main areas of excellence of the university. The detailed situation of patent applications is presented in **Annex 4.1.13**.

4.1.14. Patents granted and exploited at national and international level

The ability of the "Alexandru Ioan Cuza" University of Iași to transform research results into results protected by intellectual property rights is confirmed by the portfolio of patents granted during the analysed period. As of the date of this report, 14 patents have been granted, of which 13 are national patents granted by the State Office of Inventions and Trademarks (OSIM) and one international patent granted by the United States Patent and Trademark Office (USPTO).

Of the total number of patents granted, 9 were obtained in the period evaluated (2022–2024), respectively 4 patents in 2022, 3 patents in 2023 and 2 patents in 2024. After the end of the evaluation period, until the date of the report, 5 more patents were granted in 2025, resulting from applications filed in previous years, which demonstrates the continuity of the process of capitalizing on the research results.

The patent portfolio highlights the multidisciplinary nature of the research carried out within UAIC. In the field of Biology, solutions for obtaining products with high nutritional value for aquaculture and biomedical applications based on interference peptides have been patented. In Physics and Materials Science, inventions related to magnetoelectric materials, ceramic composites and advanced sensors have been patented, and in Chemistry, analytical methods and pharmaceutical technologies have been patented, including in collaboration with the "Grigore T. Popa" University of Medicine and Pharmacy of Iași.

An important contribution goes to the infrastructures of the Institute for Interdisciplinary Research. At CERNESIM, solutions for ceramic sensors for humidity monitoring have been patented, at ARHEOINVEST technologies for the conservation and restoration of mobile cultural heritage have been developed, and ICI researchers have obtained patents on humidity sensors and technologies for space electric propulsion based on metal ion energy beams.

A reference result is the international patent US11834518B2 – "Interference peptides as inhibitors of AMPAR endocytosis-related interactions", granted in 2023 by the United States Patent and Trademark Office (USPTO) to researchers from the Faculty of Biology. This represents the most important international validation of the innovation activity carried out within UAIC during the analysed period and confirms the competitiveness of the biomedical research developed in the university on the international intellectual property market.

The portfolio of 14 granted patents, one of which is internationally protected, confirms the existence of a solid institutional capacity to innovate and capitalize on research results. These results complement the scientific publication activity and demonstrate the orientation of the research carried out within UAIC both towards academic excellence and towards the development of solutions with potential for economic and social application, contributing to strengthening the role of the university in the national and European research and innovation ecosystem. The detailed situation is presented in **Annex 4.1.14**.

4.2 Papers and papers presented at scientific events

4.2a Papers presented at international scientific events and published in Web of Science indexed volumes (CPCI-S, CPCI-SSH, IEEE Proceedings)



Between 2020 and 2024, academic staff and researchers of the "Alexandru Ioan Cuza" University of Iași published 332 papers presented at international scientific events, capitalized in indexed volumes Web of Science – Conference Proceedings Citation Index Science (CPCI-S), Conference Proceedings Citation Index – Social Science & Humanities (CPCI-SSH) and IEEE Proceedings, which confirms the university's constant participation in the main international forums for communication and dissemination of research results. The full situation is presented in **Annex 4.2a**.

The publications are the result of participation in international conferences organized by some of the most prestigious international scientific societies and publishers, such as *IEEE*, *ACM*, *Springer Nature*, *Elsevier*, *ScitePress*, *Association for Computational Linguistics (ACL)* and *European Language Resources Association (ELRA)*, reflecting the high level of research carried out within the UAIC and its ability to meet the demanding selection and evaluation standards specific to these scientific manifestations.

The contributions presented at established international conferences, such as *IEEE International Conference on Intelligent Computer Communication and Processing (ICCP)*, *Symposium on Logic in Computer Science (LICS)*, *International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)*, *International Conference on Language Resources and Evaluation (LREC)*, *SemEval*, *International Conference on Innovations in Intelligent Systems and Applications (INISTA)*, *E-Health and Bioengineering Conference (EHB)*, *WorldCIST*, *SOFSEM*, *International Symposium on Information Theory (ISIT)*, *Conference on System Theory, Control and Computing (ICSTCC)*, *Federated Conference on Computer Science and Information Systems (FedCSIS)* and *ACM Symposium on Applied Computing (SAC)*.

The analysis of the contributions highlights a particularly strong presence of the fields of Computer Science, Mathematics, Artificial Intelligence, Natural Language Processing, Cybersecurity, Physics, Chemistry and Economics, as well as the fields of geography, biology, law, philology, psychology, educational sciences and physical education and sport. Topics covered include artificial intelligence and machine learning, analysis and security of information systems, blockchain, distributed computing, computational linguistics, mathematical modelling, bioengineering, climate change, regional development, European economy and finance, cultural heritage and digital transformation.

The publication of papers in indexed volumes Web of Science CPCI and IEEE Proceedings is a relevant indicator of the university's research competitiveness and its integration into international scientific networks of excellence.

4.2b Papers presented at international scientific events and published in volumes with ISBN (non-WoS)

An important component of the activity of dissemination of the research results is represented by the participation of the researchers of the "Alexandru Ioan Cuza" University of Iași in international scientific events whose works are published in volumes edited with ISBN, without being indexed in the Web of Science. Between 2020 and 2024, UAIC researchers published 801 papers in such volumes, reflecting a high level of scientific communication activities and sustained participation in international and interdisciplinary academic networks. The complete record is presented in **Annex 4.2b**.

The annual evolution of this indicator highlights an upward trend after the period affected by the COVID-19 pandemic, with the number of contributions increasing from 102 papers in 2020 to 196 papers in 2023, remaining at a high level in 2024 (148 papers). This dynamic confirms the capacity of the UAIC academic community to resume and expand participation in international conferences and congresses, as well as the constant concern for the dissemination of research results in the international scientific community.

The published works cover a wide range of research areas, being represented the faculties of Biology, Chemistry, Computer Science, Geography and Geology, Economics and Business Administration, Law, Philosophy and Social-Political Sciences, Philology, History, Physical Education and Sport, Theology, as well as the Institute for Interdisciplinary Research. The thematic diversity reflects the multidisciplinary nature of the research carried out within the university and the involvement of researchers in international scientific communities in the fields of exact sciences, nature, engineering, social and humanities.

Contributions have been presented at established international scientific events, such as *European Association of Archaeologists (EAA)*, *British Academy of Management Conference*, *EURINT*, *EUFIRE*, *International Scientific Conference on Accounting (ISCA)*, *Accounting and Management*



Information Systems (AMIS), Contemporary Issues in Economy and Technology (CIET), Geomorphometry, SGEM GeoConference, European Athletes as Students Conference, NORDSCI International Conference on Social Sciences, as well as at numerous conferences organised by universities, professional associations and academic organisations in Europe and other regions of the world.

The analysis of this indicator highlights the existence of a solid institutional capacity to capitalize on and disseminate research results by participating in international scientific events. Corroborated with the papers published in indexed volumes Web of Science Conference Proceedings Citation Index and IEEE Proceedings, these contributions demonstrate the integration of UAIC researchers into international scientific networks, the strengthening of academic collaborations and the active participation of the university in the international circulation of knowledge.

4.2c. Invited papers / keynotes presented at international scientific events

A relevant indicator of the international recognition of scientific performance is the participation of researchers from the "Alexandru Ioan Cuza" University of Iași as invited speakers or keynote speakers at international scientific events. Unlike regular conference attendances, these invitations represent an explicit recognition of scientific expertise and contributions made by researchers in their fields of competence.

Between 2020 and 2024, UAIC academic staff and researchers gave 460 invited presentations at conferences, congresses, symposiums, workshops and international schools. Of these, 404 were invited papers and 56 were keynote presentations, which highlights the high level of academic recognition enjoyed by the university's researchers in the international scientific community.

The annual evolution highlights a steady increase in the number of invitations, from 38 presentations in 2020 to 79 in 2021, 108 in 2022 and a maximum of 141 in 2023, with activity remaining at a high level in 2024 as well, with 94 invited presentations. This dynamic reflects the strengthening of the international visibility of UAIC researchers and the expansion of the academic collaborations developed during the period evaluated.

UAIC academic staff and researchers were invited to hold plenary conferences and specialized presentations at events organized by prestigious academic organizations and institutions, such as *EMBO, European Society of International Law, European Parliament Liaison Office, EC2U, SGEM, GeoBalcanica, EUFIRE, SESYR*, as well as numerous universities and research institutes in Germany, Italy, Belgium, France, Poland, China, India, Pakistan, Lebanon, the United States of America and the Republic of Moldova.

The theme of the presentations reflects the main research directions developed within UAIC and includes topics such as molecular biology and neuroscience, artificial intelligence and cybersecurity, mathematical modeling, climate change and geosciences, sustainable development, digital transformation, European and international law, international relations, cultural heritage, contemporary philosophy and humanities. Overall, the 460 invited papers and keynote presentations held in the period 2020–2024 represent one of the most relevant indicators of the international academic prestige of UAIC researchers, confirming their integration into scientific networks of excellence and contributing to strengthening the University's international visibility and reputation. The detailed situation is presented in **Annex 4.2c**.

4.2d. Invited papers / keynotes presented at national scientific events

The recognition of the scientific expertise of the researchers of the "Alexandru Ioan Cuza" University of Iași is also reflected in their participation, as guests, in conferences, congresses, symposia and workshops organized at national level. Such invitations are a confirmation of the professional prestige of researchers and their contribution to the development of their fields of expertise.

Between 2020 and 2024, UAIC academic staff and researchers presented 210 invited papers at national scientific events organized by universities, research institutes, institutes of the Romanian Academy, professional organizations, public authorities and scientific associations. The detailed situation is presented in **Annex 4.2d**.

The annual evolution highlights a significant increase in the number of invitations, from 21 invited papers in 2020 to 42 in 2021, 39 in 2022, reaching a maximum of 56 in 2023, the activity remaining at a high level in 2024 as well, with 52 invited presentations. This dynamic confirms the strengthening of the visibility of UAIC researchers in the national academic community and their constant involvement in scientific debates of interest.



The invited papers come from a wide range of fields cultivated within the university, including law, philosophy and socio-political sciences, geography and geology, biology, economics and business administration, physics, computer science, history, theology and interdisciplinary research. The participation of researchers from numerous faculties and from the Institute for Interdisciplinary Research highlights the multidisciplinary nature of the research activity carried out within UAIC.

Overall, the 210 invited papers defended between 2020 and 2024 confirm the national recognition of the expertise of the researchers of the "Alexandru Ioan Cuza" University of Iași and their contribution to the development of the scientific community in Romania. Participation as guests at national scientific events strengthens the role of the university as a reference institution in research and facilitates the transfer of research results to the academic, institutional and socio-economic environment.

4.3 Visibility and impact of published works

4.3a. Visibility and impact of published works – Web of Science

The visibility and impact of the scientific publications of the "Alexandru Ioan Cuza" University of Iași were analysed based on data extracted from the Web of Science. The citation report highlights a steady increase in the number of citations in 2020–2024, from 14,210 citations in 2020 to 21,906 citations in 2024.

Evolution of the number of citations in Web of Science, 2020–2024

Indicator	2020	2021	2022	2023	2024	Total
Number of Web of Science Citations	14210	17267	17702	19839	21906	90924

In the analysed period, the annual number of citations increased by 7,696, respectively by approximately 54.2% compared to 2020. The evolution reflects the strengthening of the international visibility of research results and the increase in their use in the scientific literature. The detailed situation is presented in Annex 4.3a.

According to the institutional citations report, UAIC's bibliometric profile includes 17,142 indexed publications, which accumulated 207,996 citations, of which 176,888 citations without self-citations, coming from 142,222 citing articles, respectively 133,890 citing articles without self-citations. The average is 12.13 citations/publication, and the Hirsch index (h-index) is 134, values that confirm the existence of a consistent nucleus of high-impact publications and the positioning of the university among the Romanian institutions with the highest visibility in the international scientific literature.

Main bibliometric indicators Web of Science

Crt. no.	Indicator	Value
1	Web of Science Indexed Publications	17.142
2	Total citations	207.996
3	Citations without self-citations	176.888
4	Citing Articles	142.222
5	Citing articles without self-citations	133.890
6	Average citations/publication	12,13
7	h-index	134

The analysis of the evolution of the bibliometric impact highlights a constant increase in the annual number of citations throughout the evaluated period. The number of citations increased from 14,210 in 2020 to 17,267 in 2021, 17,702 in 2022, 19,839 in 2023 and 21,906 in 2024, which represents an increase of approximately 54% compared to the beginning of the analysed period. The evolution confirms not only the increase in scientific production, but especially the consolidation of the relevance and influence of the results of the research developed within the university.

The impact is supported by contributions from all fields cultivated within the university. An important share of citations is generated by publications in the fields of physics, chemistry, environmental sciences, biology, mathematics and computer science, to which are added significant contributions from the economic and social sciences, confirming the multidisciplinary nature of the research developed at UAIC.

Overall, the indicators provided by the Web of Science Core Collection demonstrate the continuous consolidation of the visibility and international impact of the research carried out within the "Alexandru Ioan Cuza" University of Iași. The high number of indexed publications, the sustained



increase in citations, the value of the Hirsch index and the high proportion of citations without self-citations confirm the relevance and influence of UAIC's scientific results in the international academic community and are indicators of institutional excellence in research. The detailed situation is presented in **Annex 4.3a**.

4.3b. Visibility and impact of published works – Scopus

The international visibility of the research carried out within the "Alexandru Ioan Cuza" University of Iași is also confirmed by the bibliometric indicators provided by the Scopus database. The impact of publications indexed in Scopus also registered an upward evolution during the period evaluated. The number of citations increased from 9,577 in 2020 to 18,640 in 2024.

Evolution of the number of citations in Scopus, 2020–2024

Indicator	2020	2021	2022	2023	2024	Total
Number of Scopus citations	9577	12138	13790	16836	18640	70981

Compared to 2020, the number of citations in 2024 was higher by 9,063, which corresponds to an increase of approximately 94.6%. This evolution indicates the expansion of the international visibility of UAIC publications and the increase in the impact of research results in the areas covered by the Scopus database.

According to the institutional citations report, the university's bibliometric profile includes 6,950 indexed documents, which accumulated 114,374 citations, corresponding to a Hirsch index (h-index) of 115. These results confirm the significant impact of the research carried out within UAIC and the constant integration of the university's publications into the international knowledge circuit.

The main Scopus bibliometric indicators:

Crt. no.	Indicator	Value
1	Scopus Indexed Documents	6.950
2	Total citations	114.374
3	h-index	115

The analysis of high-impact publications highlights the profoundly multidisciplinary nature of the research carried out within the university. The most cited works come from the fields of particle physics, through the participation of UAIC researchers in the international CERN-ATLAS collaborations, but also from materials science, chemistry, physics, biology, mathematics and computer science, where numerous publications have accumulated hundreds of citations. The Scopus report also highlights high-visibility contributions in the economic and social sciences, in areas such as sustainable development, the digital economy, business administration and statistical analysis, confirming the multidisciplinary nature of the research carried out within UAIC.

The h-index value = 115, the high number of indexed documents and the upward dynamics of citations demonstrate not only the scientific productivity of the academic community, but also the relevance and sustainability of research results in the international scientific literature. Corroborated with the indicators provided by Web of Science, these results confirm the consolidation of the position of the "Alexandru Ioan Cuza" University of Iași in the European and international research space and the institution's ability to generate scientific contributions with significant and long-lasting impact. The detailed situation is presented in **Annex 4.3b**.

4.3c. Visibility and impact of published works – IEEE

The visibility of UAIC publications in IEEE Xplore was analysed based on the publications and citations report related to the papers indexed in this database. Annex 4.3c shows, for each publication, the number of citations recorded at the date of the drawing and the year of publication of the paper.

Distribution of IEEE citations by year of publication of papers

Indicator	2020	2021	2022	2023	2024	Total
Number of IEEE citations*	53	72	16	48	42	231

* Note: the IEEE series does not express the number of citations received in each calendar year, but the cumulative citations of publications grouped by year of publication. For this reason, the values are not directly comparable to the annual Web of Science and Scopus series.

The visibility of UAIC publications in IEEE Xplore was analysed based on the publications and citations report related to the papers indexed in this database. **Annex 4.3b** presents, for each publication, the number of citations recorded at the date of the draw and the year of publication of the paper. The impact of the publications focuses in particular on the fields of physics, materials science, plasma,



magnetism, computer science, artificial intelligence, databases, cybersecurity, Internet of Things and interdisciplinary applications in geography, health and digital economy.

The main IEEE journals and collections in which UAIC researchers publish:

Crt. no.	Type of publications	Representative examples
1	IEEE Journals	IEEE Transactions on Magnetics; IEEE Transactions on Plasma Science; IEEE Transactions on Dielectrics and Electrical Insulation; IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control; IEEE Magnetics Letters; IEEE Access; IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing
2	IEEE Conferences	INISTA; SYNASC; RoEduNet; EPE; ICCVW; SRDS; DAS; EHB; AQTR; ICEAA; INTERMAG

Important contributions come from the research of the Faculty of Physics, in areas such as magnetism, nanomaterials, magnetic hyperthermia, plasma, and functional materials, with articles published in IEEE journals that have frequently accumulated 20–35 citations. The Faculty of Computer Science contributes through publications to IEEE reference conferences, in areas such as artificial intelligence, cybersecurity, blockchain, IoT and virtual reality. A notable impact is the study on open-source tools for detecting software vulnerabilities, with 38 citations.

4.3d. Visibility and impact of published works in the humanities field

The international visibility and impact of research in the humanities were evaluated by analyzing the citations of UAIC researchers' publications in the Arts & Humanities Citation Index, in journals classified by the CNCS in categories A and B and in specialized volumes. The number and diversity of these citations highlights the recognition of the university's scientific contributions in fields such as philosophy, history, archaeology, philology, classical studies, and social sciences. Detailed information on the works cited, the sources of citation and their classification are presented in Annex 4.3d.

Evolution of the number of citations in the humanities, 2020–2024

Indicator	2020	2021	2022	2023	2024	Total
Number of citations in Arts & Humanities Citation Index, CNCS A/B journals and books	254	243	223	266	264	1250

The data highlight the maintenance of a relatively stable level of citations during the period evaluated, with values ranging from 223 to 266 citations annually. The highest values were recorded in the years 2023 and 2024, which confirms the constant visibility of the results of research in the humanities in journals, volumes and other relevant academic sources. The analytical situation is presented in Annex 4.3d.

In these areas, the impact is highlighted mainly by integrating the works into the international literature, by citing them in journals indexed in the Arts & Humanities Citation Index, in CNCS publications and in volumes published by established academic publishers.

The main fields and types of publications in which the works of UAIC researchers are cited

Crt. no.	Domain	Examples of sources citing UAIC publications
1	Philosophy	Arts & Humanities magazine, volume published by Walter de Gruyter, Brepols, Classiques Garnier
2	Ancient History and Archaeology	Springer, Archaeopress, Cambridge University Press, Oxbow Books, Journal of Ancient History and Archaeology
3	Classical studies and philology	international volumes and magazines CNCS A/B
4	Cultural Heritage and Interdisciplinary Archaeology	Springer, One World Archaeology, Peuce, Archaeology of Moldavia, Ancient and Archaeological Studies

An important pole of visibility is represented by the research of the Faculty of Philosophy and Social-Political Sciences, cited in international publications in the field of philosophy, theology and the history of ideas, including at publishers such as Walter de Gruyter, Brepols and Classiques Garnier. A



relevant contribution is also made to research in history and archaeology, integrated into the international literature through citations in volumes and journals published by Springer, Archaeopress, Cambridge University Press and Oxbow Books, as well as in specialized periodicals.

Examples of international publishers and publications citing UAIC research

Crt. no.	Publication type	Example
1	International academic publishing houses	Springer, Walter de Gruyter, Cambridge University Press, Brepols, Peeters, Archaeopress, Harrassowitz, Oxbow Books
2	International Journals	Journal of Ancient History and Archaeology, Peuce, Arheologia Moldovei, Studia Antiqua et Archaeologica, Bulletin of Hispanic Studies
3	International collective volumes	One World Archaeology and other thematic collections dedicated to history, archaeology and philosophy

Overall, the bibliometric analysis highlights the international recognition of the humanistic research carried out at UAIC, by citing and integrating publications in the reference literature in philosophy, history, archaeology, philology and classical studies. Correlated with the Web of Science, Scopus and IEEE indicators, these results outline the international visibility profile of UAIC research in the University's main scientific fields. The detailed situation is presented in **Annex 4.3d**.

5. Development and innovation activity

5.1 Ability to attract and manage research funds

During the 2020–2024 evaluation period, the "Alexandru Ioan Cuza" University of Iași strengthened its institutional capacity to attract, implement and manage funds for research, development and innovation, through constant participation in national and international competitions. The research activity was supported through research grants, structural funds, European and international programs, institutional funding and own revenues, contributing to the development of the research infrastructure, supporting the human resource and increasing international visibility. The portfolio included projects funded by Horizon 2020, Horizon Europe, Marie Skłodowska-Curie Actions, COST, EUROfusion, European Commission programmes, international cooperation projects and national projects funded by UEFISCDI, MCID and IFA, covering the main research areas cultivated in the university. The detailed situation is presented in **Annex 5.1**.

5.1.1. Contracts and grants obtained from European and international funds

Between 2020 and 2024, UAIC implemented 202 international projects, with an annual portfolio ranging from 37 to 49 projects and total revenues of RON 8.46 million. The highest annual revenue was recorded in 2023, amounting to RON 2.74 million. During the same period, UAIC secured 57 projects with a total value of RON 11.90 million.

Table 5.1.1. Evolution of international projects

Crt. no.	Year	Number of international projects carried out	Receipts of international contracts (lei)	Number of international projects won	Value of international projects won (lei)
1	2020	39	1.377.141,75	15	2,081,744.41
2	2021	49	1.968.978,93	22	4,852,846.27
3	2022	39	1.375.818,95	6	255,190.89
4	2023	38	2.739.165,36	7	3,672,325.17
5	2024	37	1.002.171,61	7	1,044,757.60
TOTAL		202	8.463.276.60	57	11,906,864.35

The portfolio reflects the university's continued participation in European Union framework programmes and international research networks, including Horizon 2020, Horizon Europe, COST, Marie Skłodowska-Curie Actions, EUROfusion, as well as collaborations with JINR-Dubna and FAIR-RO, confirming the integration of UAIC researchers in international consortia and the institutional capacity to manage complex projects.

5.1.2. Contracts and grants from national organisations and institutions



During the period under review, UAIC implemented 340 national projects, generating total revenues of RON 63.56 million. The number of projects implemented annually ranged from 50 to 82, with the highest number recorded in 2024, when 82 projects were under implementation. In terms of revenues from national contracts, the highest amounts were recorded during 2021–2023, peaking at RON 16.85 million in 2022.

Between 2020 and 2024, UAIC also secured 136 national projects, with a total value of RON 58.49 million. The highest number of projects was secured in 2024 (55 projects), while the highest annual value of projects secured was recorded in 2021, amounting to RON 25.76 million. These developments highlight both UAIC's continued participation in national funding competitions and significant year-on-year variations in the number and value of projects secured.

Table 5.1.2. Evolution of national projects

Crt. no.	Year	Number of national projects carried out	Receipts of national contracts (lei)	Number of national projects won	Value of national projects won (lei)
1	2020	69	8.928.574,25	30	13,548,885.03
2	2021	66	15.220.216,07	22	25,764,864.36
3	2022	73	16.845.483,37	23	14,178,377.06
4	2023	50	16.048.035,64	6	169,486.00
5	2024	82	6.520.116,39	55	4,833,142.90
TOTAL		340	63.562.425,72	136	58,494,755.35

5.1.3. Funding applications submitted in national and international competitions

During the period evaluated, UAIC researchers submitted 676 funding applications, of which approximately 75% targeted national competitions and 25% international competitions. After the temporary decrease in the number of calls in 2022, the activity of developing and submitting projects intensified, reaching 191 applications in 2024, the highest value in the analysed period.

Table 5.1.3. Funding applications submitted

Crt. no.	Year	National applications submitted	International applications submitted	Total applications submitted
1	2020	84	31	115
2	2021	137	39	176
3	2022	7	25	32
4	2023	126	36	162
5	2024	151	40	191
TOTAL		505	171	676

5.1.4. Structure of the research organisation's budget

The evolution of the UAIC budget over the 2020–2024 period highlights a significant strengthening of the institution's financial resources, supported both by increased institutional funding and by the development of its capacity to attract competitive funding, as well as by the growth in own-source revenues. **Table 5.1.4. UAIC budget structure (2020–2024)**

Crt. no.	Indicator	2020	2021	2022	2023	2024
1	Institutional funding	301,209,970.00	291,695,372.00	305,017,568.00	335,531,302.00	409,251,334.00
2	Competitive and complementary funding	35,587,599.00	53,139,427.00	83,669,629.00	81,973,975.00	78,288,354.00
3	Own income	43,431,026.00	45,844,870.00	50,792,053.00	52,650,251.00	60,697,418.00
4	Other components of the budget	32,891.00	9,518.00	80,429.00	37,571.00	3,781.00
TOTAL		380,261,486.00	390,689,187.00	439,559,679.00	470,193,099.00	548,240,887.00

Evolution of the main financial indicators:



Nr.crt.	Indicator	2020	2024	Growth
1	Total budget	380.3 thousand.	548.2 thousand.	+44,2%
2	Competitive Funds	35.6 thousand.	78.3 thousand.	+120%
3	Own income	43.4 thousand.	60.7 thousand.	+39,8%

During the period under review, the university's total budget increased from RON 380.3 million in 2020 to RON 548.2 million in 2024, representing an increase of 44.2%. Overall, the trend was upward throughout the period, with the total budget reaching RON 390.7 million in 2021, RON 439.6 million in 2022, and RON 470.2 million in 2023.

Institutional funding represented the main component of the budget throughout the entire period. After decreasing from RON 301.2 million in 2020 to RON 291.7 million in 2021, it returned to an upward trajectory, reaching RON 305.0 million in 2022, RON 335.5 million in 2023, and RON 409.3 million in 2024. Compared with 2020, the cumulative increase in institutional funding amounted to approximately 35.9%.

5.1.5. Structure of competitive funds

In the period 2020–2024, UAIC attracted 332.66 million lei through competitive mechanisms, from research grants, structural funds and external and international programs.

Table 5.1.5. Competitive fund structure

Crt. no.	Year	Research (lei)	Structural Funds (lei)	Foreign and international programs (lei)	Total (lei)
1	2020	10.305.716	12.619.358	12.662.525	35.587.599
2	2021	17.189.195	27.501.444	8.448.788	53.139.427
3	2022	18.221.302	53.547.308	11.901.019	83.669.629
4	2023	18.787.201	52.635.147	10.551.627	81.973.975
5	2024	7.522.288	49.792.566	20.973.500	78.288.354
TOTAL		72.025.702	196.095.823	64.537.459	332.658.984
Weight (%)		21.7%	58.9 %	19.4%	100%

Structural funds were the main source (196.10 million lei; 58.9%), followed by research grants and contracts (72.03 million lei; 21.7%) and external programs (64.54 million lei; 19.4%). While the Structural Funds have supported infrastructure development and institutional investments, competitive grants reflect the scientific competitiveness of researchers, and the increase in the share of external programmes in 2024 highlights the intensification of participation in European programmes.

Table 5.1.6. Share of competitive funds in the budget

Crt. no.	Year	Competitive funds (lei)	Total budget (lei)	Weight (%)
1	2020	35.587.599	380.261.486	9.4
2	2021	53.139.427	390.689.187	13.6
3	2022	83.669.629	439.559.679	19.0
4	2023	81.973.975	470.193.099	17.4
5	2024	78.288.354	548.240.887	14.3

Competitive funds increased from RON 35.6 million in 2020 to RON 83.7 million in 2022 (+135%), subsequently remaining at approximately RON 80 million annually. Their share in the university's budget evolved from 9.4% in 2020 to 19.0% in 2022, subsequently stabilizing at 17.4% and 14.3%, which confirms the essential role of competitive funding in institutional development.

Internal grants

In addition to the competitive funding, UAIC has implemented an institutional program of internal grants designed to stimulate emerging research. Between 2021 and 2024, 22 grants were funded, with a total value of 1,080,000.00 lei, contributing to the consolidation of research teams and increasing their competitiveness for national and international competitions. The centralized situation is presented in **Annex 5.1.a**.

The analysis of the financial indicators confirms the strengthening of the institutional capacity of the UAIC to attract and manage competitive resources for research, development and innovation. Between 2020 and 2024, the university implemented over 540 national and international projects, submitted 676 applications for funding and attracted 332.66 million lei through competitive



mechanisms. The positive evolution of the funds, the diversification of funding sources and the maintenance of a high share of competitive funding in the budget demonstrate the existence of a mature research management system and the ability of UAIC to capitalize on the opportunities offered by national and European programs.

5.2. Organised scientific events

Between 2020 and 2024, the "Alexandru Ioan Cuza" University of Iași supported the dissemination of research results by organizing and co-organizing congresses, conferences, symposiums, workshops, seminars, round tables, summer and winter schools, exhibitions and other scientific events. These were carried out both under the coordination of UAIC structures and in partnership with universities, research institutes, academies, scientific societies and professional organizations in the country and abroad.

The events provided frameworks for presenting and debating research results, developing interdisciplinary collaborations and strengthening academic networks. Their subject matter reflects the comprehensive profile of the university, covering exact and natural sciences, mathematics and computer science, economics, law, social sciences, psychology and education, history, philology, philosophy, theology, cultural heritage, sport and interdisciplinary research.

The analysed period highlights both the continuity of established series and the development of events associated with international projects and networks. In the context of the pandemic, many events have been transferred online or in hybrid format, ensuring the continuity of scientific communication. The detailed situation is presented in **Annex 5.2a** and **Annex 5.2b**.

5.2.1. International scientific events organized or co-organized by the "Alexandru Ioan Cuza" University of Iași in the period 2020–2024

Between 2020 and 2024, UAIC structures organized, coordinated or co-organized 368 international scientific events. Their number increased from 35 in 2020 to 84 in 2021, subsequently remaining at a high level: 73 in 2022, 90 in 2023 and 86 in 2024. The evolution reflects the resumption and expansion of scientific communication activities after the pandemic period.

Evolution of international scientific events:

Crt. no.	Year	Number of events	Share in total
1	2020	35	9,5%
2	2021	84	22,8%
3	2022	73	19,8%
4	2023	90	24,5%
5	2024	86	23,4%
Total		368	100%

The structure of the events highlights the predominance of international conferences, complemented by symposia, workshops and workshops, summer and winter schools, round tables, seminars, congresses, exhibitions and other dissemination and academic exchange events.

Distribution of international events by type

Crt. no.	Type of manifestation	Number
1	Conferences	157
2	Symposia	60
3	Workshops	40
4	Summer and winter schools	35
5	Round tables	14
6	Exhibitions	8
7	Seminars	7
8	Congresses	5
9	Other scientific events	42
Total		368

The activity involved numerous faculties and research structures, including the Faculties of Economics and Business Administration, History, Letters, Law, Computer Science, Geography and Geology, Philosophy and Social-Political Sciences, Orthodox Theology and Physics, as well as the Institute for Interdisciplinary Research.



In the field of law and European studies, the EURINT series, Legal Perspectives on the Internet – COPEJI, Legal Corner – Coin juridique and FOSIDHUS addressed European integration, fundamental rights, migration, forensics and the effects of digital transformation.

In economics and business administration, the GEBA, EIBC, EUFIRE, EU-PAIR conferences, LSP unit events and Jean Monnet events supported research on the European economy, finance, public administration, sustainability, innovation, intercultural communication and regional development.

In the exact sciences, natural sciences and technological fields, the ICPAM series, RoEduNet Conference, IEEE ROMSC, Present Environment and Sustainable Development and the International Geographic Seminar "Dimitrie Cantemir" facilitated the communication of results from materials physics, digital infrastructures, environmental sciences, geography and sustainable development.

The interdisciplinary character is illustrated by the 7th edition of the Landscape Archaeology Conference, organized in 2022 with the involvement of the faculties of History, Biology, Geography and Geology and the ARHEOINVEST structures. In 2023, the organization of the 10th Congress of the International Society of Hymenopterists confirmed UAIC's ability to host specialized international meetings.

The social sciences and humanities were represented by events such as Rethinking Social Action, Communication in Action, Violence on Women, Integrated Systems for Long-Term Care, Theosis and Icons and Philosophy and Theology of the Philokalia, which fostered the dialogue between fundamental research, public policies and professional practices.

The rapid shift to online formats in 2020, followed by the return to physical presence and the use of hybrid formats, ensured business continuity. The increase from 40 events in 2020 to around 100 annually between 2021–2024 confirms the ability to adapt and the existence of a stable institutional framework.

5.2.2. National scientific events organized or co-organized by the "Alexandru Ioan Cuza" University of Iași in the period 2020–2024

Between 2020 and 2024, the structures of the "Alexandru Ioan Cuza" University of Iași organized, coordinated or co-organized 895 scientific dissemination events and activities. The inventory includes conferences, congresses, symposia, workshops, summer and winter schools, seminars, colloquia, round tables, communication sessions, exhibitions, book launches and other forms of capitalization of research results. The full situation is presented in **Annex 5.2b**.

Evolution of dissemination events and activities at national level:

Crt. no.	Year	Number of events	Share in total
1	2020	149	16,6%
2	2021	201	22,5%
3	2022	188	21,0%
4	2023	165	18,4%
5	2024	192	21,5%
Total		895	100%

Dissemination activity remained at a high level throughout the period. After the 149 registrations in 2020, their number increased to 201 in 2021, the maximum value of the interval, subsequently remaining between 165 and 192 annually. The evolution confirms the ability of UAIC structures to ensure the continuity of scientific communication during the pandemic and to subsequently preserve a broad and diversified portfolio.

Main types of manifestations at national level:

Crt. no.	Type of manifestation	Number of records
1	Conferences	129
2	Congresses	3
3	Symposia	79
4	Workshops	147
5	Summer and winter schools	32
6	Other scientific events	505
Total		895

The analysis highlights the consolidation of recurring academic platforms in all areas cultivated in the university. In the exact and natural sciences, the FTEM, FARPHYS and IEEE ROMSC series,



organized by the Faculty of Physics, the IașiCHEM conference, as well as the events of the Faculty of Biology dedicated to molecular biology, biodiversity and ecology, stand out.

In the social sciences, the Faculties of Economics and Business Administration, Law and Philosophy and Social-Political Sciences organized events on economic and sustainable development, corporate governance, public finance, administration, criminal and European law, cybercrime, artificial intelligence, sociology, social work, mental health and social policies. These events strengthened the dialogue between academia, public institutions and the professional environment.

In the humanities, the Faculties of History, Letters, Philosophy and Theology organized events dedicated to cultural heritage, modern and contemporary history, genealogy, heraldry, literary studies, philosophy and theology, contributing to the valorisations of heritage and the development of fundamental research.

The Institute for Interdisciplinary Research completed this profile through events such as IPHSS and RARE, which brought together researchers from different fields and facilitated the transfer of knowledge between the exact, social and humanistic sciences.

Overall, the work carried out in the period 2020–2024 confirms the existence of a strengthened institutional infrastructure for scientific communication at national level. The 412 conferences, congresses, symposia, workshops and summer schools reflect the continuity of recurring academic platforms, the diversity of the fields represented and the collaboration with universities, research institutes, professional organizations and public authorities in Romania. The results confirm UAIC's role as an academic reference center for the dissemination of research and the strengthening of the national scientific community.

5.3. Ability to develop services, technologies, products

The ability of the "Alexandru Ioan Cuza" University of Iași to capitalize on the results of research through products, technologies, methodologies, services and expertise is an important component of the innovation and knowledge transfer activity. In the period 2020–2024, the results of the research were transferred to the economic environment, public institutions and the scientific community through technological solutions, specialized services and studies used to substantiate public and private decisions.

81 exploitable results were identified: 30 products, technologies and methodologies developed in research projects and contracts, 26 services and technologies offered through research infrastructures, the EERTIS platform and in Open Access regime and 25 reports and studies developed for public authorities, international organizations and private beneficiaries. The results cover computer science, biology, psychology and educational sciences, economics, geography and geology, physical education and sport, computational linguistics and interdisciplinary research, confirming the multidisciplinary character and functioning of knowledge transfer mechanisms.

Results of knowledge transfer activities (2020–2024)

Crt. no.	Result category	2020	2021	2022	2023	2024	Total
1	Products / technologies / methodologies developed	10	11	6	3	-	30
2	Services and technologies offered (EERTIS/Open Access/contracts)	2	4	2	14	4	26
3	Reports and studies for beneficiaries	7	4	5	4	5	25
Total Capitalized Results		19	19	13	21	9	81

Services and technologies provided through research infrastructures

Many services are published on the European platform [EERTIS](#), which increases the international visibility of UAIC infrastructures and facilitates access to the university's expertise for external users. These include toxicology and ecotoxicology services, pollution assessment, biodiversity monitoring, DNA analysis, pollutant distribution modelling, advanced microscopy, environmental forensics, water resources management and risk analysis.

UAIC infrastructures also provide services in experimental psychology, neuroscience, data analysis, professional annotation and consulting for interdisciplinary projects. The availability of Open



Access services contributes to the accessibility of infrastructures and their integration into the European research ecosystem.

Studies, reports and expertise

The portfolio includes reports and studies carried out for public authorities, international organizations and private beneficiaries. In the field of environment and biodiversity, monitoring of ornithofauna has been carried out for major infrastructure projects, including the A7 motorway and wind farms, environmental reports for urban plans and biodiversity assessments for local authorities and companies.

In the field of economic development and public policies, UAIC has developed studies on the impact of the pandemic on the business environment, the university-labor market relationship, human resources, digitalization, gender equality and business competitiveness. Strategic documents on regional development and tourism have also been produced, including the Neamt County Tourism Master Plan, ESPON studies and reports from the European ACCTING projects, dedicated to the policies associated with the European Green Deal.

Products, technologies and methodologies developed

The portfolio includes results with different levels of technological maturity, obtained in national and European projects and in contracts with private beneficiaries. The largest share goes to digital technologies: software platforms, information systems and methodologies for information security, data protection, artificial intelligence and data processing.

Among the representative results are the [PrivateSky](#) ecosystem and the Cloud platforms SafeBox, DigitalConta25, SmartID, ARTCHAIN, OGOR Mobile, POLITRIP, Qloud and CaReSS, developed together with companies in the IT sector. They target cybersecurity, blockchain, data protection, precision agriculture, digital health, and information management.

In economics and data analysis, the PCDM, PCDM4MP, MEM and MEM4PP tools have been developed, intended for data processing and statistical model evaluation, as well as the RaaS-IS digital infrastructure, which supports collaboration between the university and the socio-economic environment.

The portfolio is complemented by results from biology, psychology, education and computational linguistics: a methodology for obtaining a nutrient product for ornamental aquaculture, the SMART platform for the development of standardized tests, the eRomLex lexical base, the Multi-level Annotated Bimodal Corpus for Romanian corpus and digital educational resources developed in Erasmus+ projects.

Overall, the results from 2020–2024 show that the research carried out at UAIC generates, in addition to scientific publications, products, technologies, services and expertise with direct applicability. The diversity of fields, the services offered through European infrastructures and the collaboration with authorities, international organizations and companies confirm the existence of a strengthened institutional capacity for innovation and knowledge transfer. The detailed situation is presented in **Annexes 5.3.a–5.3.c**.

5.4. Editing and publishing of the research organization's own journals or with the involvement of researchers from the organization

"Alexandru Ioan Cuza" University of Iasi has a [Institutional editorial infrastructure](#), developed through faculties, research centers and institutes, which supports the dissemination of research results and their integration into the national and international circuit of scientific communication.

Summary of the portfolio of journals edited or published by UAIC

Crt. no.	Magazine category	Number of titles
1	Own journals indexed Web of Science – ESCI and/or Scopus	12
2	Own journals included in the CNCS/BDI inventory and in the "Other journals" category	37
Total		49

The editorial portfolio covers the main fields cultivated in the university – chemistry, mathematics, computer science, biology, geography, economics, law, philosophy, history, philology, psychology, education and theology – reflecting UAIC's comprehensive profile.



Between 2020 and 2024, UAIC edited 12 journals indexed in Web of Science – ESCI and/or Scopus, including [Acta Chemica Iasi](#), [Eastern Journal of European Studies](#), [Scientific Annals of Economics and Business](#), [Present Environment and Sustainable Development](#), [Meta: Research in Hermeneutics](#), [Review of Research and Social Intervention](#), [Agathos](#), [Hermeneia](#), [Scientific Annals of Computer Science](#), [Ancient and Archaeological Studies](#), [Classical and Christian](#) and [Scientific Annals of UAIC – Mathematics](#). Those publications demonstrate the university's ability to support journals that comply with international standards of peer review, publication ethics and research visibility. **Annex 5.4a).**

Structure of the own indexed journals Web of Science and Scopus

Crt. no.	Indexing type	Number of journals	Share in the total of 12 journals
1	Indexed in Web of Science (ESCI)	7	58,3%
2	Indexed in Scopus	9	75,0%
3	Indexed simultaneously in ESCI and Scopus	4	33,3%
Total separate journals		12	100%

The University also publishes 37 journals classified CNCS or indexed in databases such as ERIH Plus, DOAJ, EBSCO, ProQuest, RePEc, GeoRef, HeinOnline and CEEOL, including [Languages](#), [Works of the "Dimitrie Cantemir" Geographical Seminar](#), [Review of Economic and Business Studies](#), [CES Working Papers](#), [Sport & Society](#), [Journal of Plant Development](#), [Scientific Annals of UAIC – History](#), [Scientific Annals of UAIC – Legal Sciences](#), [Plot](#), [Social Psychology](#) that contribute to the development of academic communities and to increasing the visibility of research (Annex 5.4b).

The editorial capacity is also supported by the involvement of UAIC researchers in the management of its own journals and international publications. In the period 2020–2024, 131 editorial positions were registered, related to a number of 49 researchers and 58 journals and editorial collections. Of these, 46 were Editor-in-Chief positions, 81 Guest Editor positions or thematic number coordinator and 4 other editorial positions (**Annex 5.4c**).

International engagement increased from 13 editorial positions in 2020 to 34 in 2024. In the last year of the analysed period, 27 UAIC researchers held editorial positions in 26 journals and collections. The portfolio includes 29 engagements in Q1, 34 in Q2, 8 in Q3 and 6 in Q4 journals, as well as an extensive presence in ESCI and Scopus indexed journals. Editorial contributions in journals such as *Molecules*, *Pharmaceuticals*, *Pharmaceutics*, *Biomedicines*, *Remote Sensing*, *Frontiers in Earth Science*, *Hydrology*, *Land*, *Climate*, *Environmental Earth Sciences*, *Sustainability*, *Frontiers in Environmental Science*, *Journal of Risk and Financial Management*, *Transformations in Business & Economics*, *Economics and Administrative Sciences* are representative, confirming the international recognition of UAIC researchers' expertise (Annex 5.4c).

This activity is complemented by involvement in the management of journals classified CNCS or indexed in international databases. **Annex 5.4d** centralizes 107 editorial positions, related to a number of 26 researchers and 23 journals, the activity remaining constant throughout the analysed period.

Overall, the editorial activity in the period 2020–2024 highlights the existence of a mature institutional capacity for scientific editing and publishing, reflected by the portfolio of 49 journals, their presence in international databases and the active involvement of UAIC researchers in the coordination of journals and editorial collections with national and international visibility. These results confirm UAIC's role as a relevant actor in the development of editorial infrastructure and scientific communication at national and international level.

5.5. Capacity to train young researchers (PhD, Postdoc)

The training of young researchers is one of the fundamental components of the mission of the "Alexandru Ioan Cuza" University of Iași and is carried out through the Organizing Institution for Doctoral Studies (IOSUD-UAIC), the Council for Doctoral Studies (CSUD), the 14 doctoral schools, the faculties and the Institute for Interdisciplinary Research. In the period 2020–2024, the university ensured the institutional conditions necessary for the training of doctoral students and postdoctoral researchers by coordinating doctoral studies, developing projects dedicated to human resources for



research, involving doctoral supervisors and participating academic staff in doctoral guidance and evaluation activities.

The doctoral studies are organized within IOSUD-UAIC, under the coordination of the CSUD, which develops and applies the institutional policies regarding the admission, conduct and completion of doctoral studies, quality monitoring, ethics and academic integrity.

Synthetic indicators on the doctoral training capacity of IOSUD-UAIC

Crt. no.	Indicator	Value
1	Doctoral schools	14
2	Doctoral fields	25
3	Doctoral students reported in the period 2020–2024	1102
4	Defended doctoral theses	535
5	PhD supervisors in 2020	209
6	PhD supervisors in 2024	246
7	Increase in the number of doctoral supervisors, 2020–2024	17,7%

The activity of the 14 doctoral schools highlights both the diversity of research fields and the institutional capacity to form the human resource necessary for advanced research. The largest doctoral school is the Economics and Business Administration, followed by the Doctoral School of Psychology and Educational Sciences and the Doctoral School of Philosophy and Social-Political Sciences, while the fundamental fields of the university – mathematics, physics, chemistry, biology, computer science, geography and geology – contribute to the development of research through doctoral programs integrated into national and European projects and infrastructures.

Annual evolution of doctoral training capacity (2020–2024)

Crt. no.	Indicator	2020	2021	2022	2023	2024	TOTAL
1	Number of doctoral theses developed and postdoctoral internships carried out within the research organization	63	87	129	150	106	535
2	Number of doctoral supervisors working within the research organization	209	220	228	235	246	1138
3	Number of doctoral and postdoctoral projects funded through the POSDRU, POCU, MSCA, PNCDI and PNRR programs won and/or implemented by the research organization	12	7	10	5	3	37
4	Number of PhD students in the research organization	191	214	226	234	237	1102
5	Number of professors and researchers within the research organization who participated as members in doctoral thesis public defense committees or doctoral advisory committees	92	101	108	114	123	538

Activity of doctoral schools in the period 2020–2024

Crt. no.	Doctoral School	PhD students	Theses defended	PhD supervisors
1	Biology	43	20	11
2	Chemistry	18	14	7–8
3	Law	32	21	3–4
4	Economics and Business Administration	207	88	49–60



5	Philosophy and Social and Political Sciences	116	69	21-23
6	Physics	43	43	19-23
7	Geosciences	34	25	20-21
8	Computer Science	55	16	8-9
9	History	63	44	10
10	Mathematics	10	5	14-17
11	Psychology and Educational Sciences	298	65	19-20
12	Philological Studies	83	81	19-22
13	Sports Science and Physical Education	46	15	3-10
13	Theology	54	29	6-8
		1102	535	209-246

The doctoral offer covers biology, chemistry, physics, mathematics, computer science, geography, geology, environmental science, economics, business administration, law, philosophy, sociology, communication, political science, history, philology, psychology, educational sciences, theology and sports science. The multidisciplinary nature of the programs facilitates the development of interdisciplinary research and the integration of doctoral students in competitive projects and national and international research infrastructures.

Doctoral guidance and evaluation activity

The doctoral training process is supported by the activity of doctoral supervisors and members of the guidance and evaluation committees, who monitor the progress of doctoral students and contribute to ensuring the quality of doctoral research. The centralized data for the evaluated period highlight the constant participation of UAIC's academic staff in guidance committees and in public defense committees for doctoral theses, both within [IOSUD-UAIC](#) and in collaboration with other higher education and research institutions in Romania and abroad. Between 2020 and 2024, more than 200 participations in doctoral advisory committees and more than 300 participations in doctoral thesis public defense committees are documented, which reflects the experience and professional recognition of the academic staff involved in the training of new generations of researchers.

Governance and quality assurance of doctoral studies

The governance of doctoral studies is ensured through the activity of CSUD and the doctoral school councils, in which all doctoral fields organized within IOSUD-UAIC are represented. During the analysed period, 86 positions were filled in the doctoral management structures, including directors of doctoral schools, members of CSUD and of the councils of doctoral schools, as well as representatives of doctoral students.

The participation of UAIC staff in doctoral management structures contributes to the development and monitoring of institutional policies regarding doctoral studies, the periodic evaluation of programs and the maintenance of academic quality standards. At the same time, UAIC professors and doctoral supervisors are involved in similar bodies within other higher education and research institutions, which confirms the recognition of academic expertise at national level.

Projects dedicated to postdoctoral research and training of young researchers

Between 2020 and 2024, 19 PD-type postdoctoral projects were carried out, funded by UEFISCDI through PNCDI III, with a cumulative budget of 4,715,423 lei. The projects covered the exact and natural sciences, social sciences and humanities.

Distribution of national postdoctoral projects of the DP type

Crt. no.	Domain/structure	Number of PD projects
1	Institute for Interdisciplinary Research	4
2	Chemistry	4
3	Economics and Business Administration	2
4	Geography and Geology	2
5	Psychology and Educational Sciences	2
6	Physics	2



7	Mathematics	1
8	History	1
9	Letters	1
Total		19

The topics covered amyloid peptides and neurotoxicity, antimicrobial systems, nanomaterials, photocatalysis, economic behavior, renewable energy, cultural history, post-traumatic stress, natural hazards, differential geometry, controlled drug release, discrimination and ethical decision-making, ancient philosophy and medicine, functional ceramics and photovoltaic technologies. The portfolio included projects started in the PD 2016 and PD 2019 cycles, and in the period 2022–2024 three projects dedicated to barium-based ceramics, the mobility of load carriers in organic solar cells and the influence of pollution on the manufacture of solar cells, developed at the Faculty of Physics and in the RAMTECH and CERNESIM infrastructures, were implemented.

International projects dedicated to doctoral training

Crt. no.	Program	Project	UAIC structure	Period	UAIC role	UAIC Budget
1	H2020-MSCA-ITN	Stardust-R – Stardust Reloaded	Mathematics	2019–2023	Partner	219,591.36 euros

The participation of the Faculty of Mathematics in the Stardust-R – Stardust Reloaded project, funded by Horizon 2020 – Marie Skłodowska-Curie Innovative Training Networks, provided an international framework for training, mobility and research for PhD students. The project had a total budget of approximately 3.87 million euros, of which 219,591.36 euros went to UAIC.

Also, the "Vasile Pârvan" Scholarship was awarded in 2024 to an ICI researcher for a ten-month internship at the Accademia di Romania in Rome, worth 8,000 euros, supporting mobility and postdoctoral specialization.

Between 2020 and 2024, the "Alexandru Ioan Cuza" University of Iași strengthened its institutional capacity to train young researchers through the continuous development of doctoral and postdoctoral studies, the expansion of the number of doctoral supervisors, the implementation of projects dedicated to the development of human resources for research and the active involvement of academic staff in the coordination and evaluation of doctoral research. The 14 doctoral schools, the 25 doctoral fields, the 1,102 doctoral students and the 535 doctoral theses defended during the evaluated period confirm the existence of a mature and high-performance doctoral system, capable of contributing to the formation of the human resource necessary for research and innovation and to its integration into the European Research Area.

6. Socio-economic performance and impact

6.1 The extent to which the activity responds to public interests of national or local importance

Between 2020 and 2024, the research, development and innovation activity carried out at the "Alexandru Ioan Cuza" University of Iași was oriented towards solving problems of public interest and substantiating decisions on economic, social, cultural and environmental development. Through projects, sectoral studies, expertise and services provided to public authorities, international organizations and the economic environment, UAIC has contributed to the development of public policies, the development of territorial strategies, the protection of cultural and natural heritage and the promotion of sustainable development. The portfolio presented in **Annexes 6.1a** and **6.1b** confirms the socio-economic relevance of the University's research.

Main areas in which research activity responded to public interests (2020–2024)

Crt. no.	Domain	Types of activities identified	Representative examples
1	Regional development and public policies	Strategic studies, European projects, substantiation of public policies	Neamt County Tourism Masterplan; Functional Rural Areas for Romania (ESPON); projects on public administration and institutional resilience



2	Health and social policies	European research and social studies infrastructures	SHARE-ERIC ; projects on active ageing, population health and social inclusion
3	Environmental protection and biodiversity	Impact studies, ecological monitoring, environmental assessments	Biodiversity and avifauna monitoring for the A7 Motorway; Assessments for energy and infrastructure projects
4	Cultural heritage	Preventive archaeological research and geophysical prospecting	A1 Sibiu–Pitești motorway; the Princely Court of Suceava; Humor Monastery; National Archaeological Sites
5	Digital transformation and innovation	Research and training services for the economic environment	Data Science, Machine Learning and applied Python programs; services provided through the university's infrastructures

Substantiation of public policies and regional development

UAIC has developed studies and strategies used by the public administration in planning and development processes, including the Neamt County Tourism Masterplan, the ESPON Functional Rural Areas for Romania project, research on the resilience of the administration and the coordination of Romania's participation in the European SHARE-ERIC infrastructure. The results have been used at national and European level to inform policies on regional development, population health and active ageing.

Environmental protection and sustainable development

Environmental research has supported strategic infrastructure projects and biodiversity protection through impact assessments, monitoring of protected habitats and species, and studies on biodiversity and birdlife. The activities associated with the A7 Motorway and renewable energy production projects are relevant, the results being used in the authorization and implementation processes of investments of national interest.

Preservation and valorization of cultural heritage

Through the Institute for Interdisciplinary Research and the ARHEOINVEST Center, UAIC has carried out geophysical prospecting, preventive archaeological research and expertise for infrastructure projects and historical monuments, including the A1 Sibiu-Pitești Highway, the Princely Court of Suceava, the Diocese of Huși and the Humor Monastery. These activities supported the protection of heritage and its integration into territorial development processes.

Knowledge transfer to the economic and institutional environment

UAIC has provided external beneficiaries with materials analysis and characterization services, XPS, XRD, AFM and spectroscopic analysis, geophysical and archaeological expertise, studies for public administration and training programs in Data Science, Machine Learning and Python. The services were provided through the infrastructures of CERNESIM, ARHEOINVEST and the laboratories of the faculties.

Main categories of services and beneficiaries

Crt. no.	Category of services	Example	Beneficiaries
1	Advanced Material Analysis and Characterization	XPS, XRD, AFM, Microscopy & Spectroscopic Analysis	Universities, RDI institutes, companies
2	Geophysical and archaeological expertise	Geophysical prospecting, preventive archaeological investigations	Museums, public administrations, infrastructure companies
3	Studies and expertise for public administration	Strategies, territorial studies, impact assessments	Town halls, county councils, ministries
4	Research and training services	Data Science, Machine Learning, Applied Python	Economic and institutional environment



The multidisciplinary nature of the socio-economic impact

The analysis of the supporting documentation highlights the involvement of all the major scientific fields cultivated within the university in carrying out activities with an impact on the public interest. Relevant contributions come from the fields of biology, chemistry, geography and geology, computer science, economics and business administration, philosophy and socio-political sciences, as well as history and archaeology.

Summary of UAIC's contributions to public interests (2020–2024)

Crt. no.	Indicator	Situation
1	Major areas of impact	Regional development, health, environment, cultural heritage, digitalization, public policies
2	Structures involved	Faculties, Institute for Interdisciplinary Research, CERNESIM and ARHEOINVEST infrastructures
3	Main beneficiaries	Central and local public authorities, European bodies, international organisations, private companies, cultural institutions
4	Types of results	Research projects, strategic studies, expertise, research services, training programs and knowledge transfer

Overall, the activity in the period 2020–2024 demonstrates the UAIC's strengthened capacity to respond to local, regional and national public interests. The projects, studies and services provided contribute to the substantiation of public policies, sustainable development, heritage and environmental protection and the transfer of knowledge to society, confirming the role of the university as a strategic actor of regional and national development.

6.2 Capacity to develop national and international collaborations

The "Alexandru Ioan Cuza" University of Iași has a strengthened capacity for the development of national and international collaborations, supported by cooperation agreements, participation in European consortia and infrastructures, access of external researchers to its facilities, sharing of infrastructures and attracting partners in inter- and transdisciplinary projects.

The institutional framework is complemented by the authorisation of UAIC, obtained in 2021 under Directive (EU) 2016/801, for the acceptance of researchers from third countries. The authorization, valid until 2026, certifies the existence of the necessary conditions for hosting foreign researchers in projects, doctoral and postdoctoral internships and activities carried out in the university's infrastructures.

The documentation highlights six dimensions of cooperation: institutional agreements and partnerships, external access to infrastructure, support services, co-optation of partners in projects, joint use of infrastructures, and inter- and transdisciplinary initiatives. Details are set out in **Annexes 6.2a to 6.2f**.

Synthesis of the main forms of collaboration

Crt. no.	Collaboration component	Recordings	Main content
1	Agreements, contracts, memoranda and other forms of cooperation	36	Institutional cooperation, joint projects, development and use of infrastructures
2	Access granted to researchers from other organizations to the UAIC infrastructure	106	Doctoral and postdoctoral internships, mobilities, joint projects and experimental activities
3	Support services for other research organisations	1 program / 7 beneficiaries	Cloud Computing Training for Academic staff and Researchers of the State University of Moldova
4	Projects and project proposals with co-opted external partners	60	National, bilateral, European and international projects
5	Infrastructure sharing collaborations	14	Laboratories, cloud platforms, analytical equipment and GIS tools
6	Inter- and transdisciplinary services and initiatives	38	Jean Monnet projects, BIP, COIL, conferences, summer schools and training activities



Developing collaborations for the sharing of research infrastructure

UAIC's ability to develop institutional collaborations is demonstrated through agreements, contracts and memoranda concluded with universities, national and international research institutes, consortia, public authorities and economic operators. **Annex 6.2a** highlights 36 forms of cooperation that have supported the development of joint projects, data sharing, use of infrastructures and the strengthening of academic and professional networks.

In the field of chemistry, the Romania-France bilateral cooperation with the Institut des Sciences Chimiques de Rennes, the Université de Rennes and the CNRS supports joint research activities in the field of materials and functional compounds. In physics, participation in the CERN-RO Consortium and the CONDEGRID infrastructure facilitates the integration of UAIC researchers in the projects carried out at CERN and the use of distributed computing resources for particle physics. In geosciences, the collaboration with the National Institute for Research and Development for Earth Physics allows the operation and maintenance of seismic, meteorological and GNSS stations, as well as the exchange of data of national interest.

In the field of IT, agreements with Orange Romania, AMD Romania, Amazon, Vitesco Technologies, SoftServe, Cognizant and other companies supported the development of digital infrastructure, industrial research and experimental development activities, technology transfer and the endowment of spaces for research and training activities. These collaborations reflect the University's ability to articulate academic and economic partnerships around concrete institutional and technological development objectives.

Ensuring access for external researchers to their own infrastructure

The openness of the infrastructure to the scientific community is reflected in the 106 documented access cases for researchers from other universities, institutes and research organisations. Access has been granted in the framework of doctoral and postdoctoral internships, academic mobilities, bilateral programs, European projects and joint research activities.

Distribution of access to UAIC infrastructure by structures

Crt. no.	UAIC structure	Number of researchers/accesses
	Faculty of Psychology and Educational Sciences	27
	Faculty of Geography and Geology	18
	Faculty of Economics and Business Administration	14
	Faculty of Computer Science	13
	Faculty of Physics	9
	Faculty of Chemistry	7
	Faculty of Letters	7
	Faculty of Biology	5
	Faculty of Philosophy and Social-Political Sciences	3
	Faculty of Law	1
	Faculty of History	1
	Institute for Interdisciplinary Research	1
	Total	106

The Faculty of Biology hosted doctoral and postdoctoral researchers from Cameroon, Tunisia, and Burkina Faso in the microbiology, neurobiology, and toxicology laboratories. Within the Faculty of Chemistry, researchers from Clarkson University in the United States of America used the infrastructure of the Biochemistry Laboratory for peptide synthesis and purification, protein separation, electrophoresis and high-performance liquid chromatography.

The Faculty of Economics and Business Administration has provided access to researchers from Cameroon, Morocco, Togo and Benin, mainly through the "Eugen Ionescu" Fellowship Program, and the Faculty of Geography and Geology has hosted researchers from Europe and Africa for activities carried out in the laboratories of hydrology, geomorphology, human geography, mineralogy and geographic information systems.

A relevant component is represented by the transnational access granted through the ESC-Q-UAIC – Environmental Simulation Chamber under Quasi-Atmospheric Conditions platform, integrated



into the [EUROCHAMP-2020](#) and [ATMO-ACCESS programs](#). During the period evaluated, researchers from France, the United Kingdom, Italy and the Republic of Moldova used the platform's experimental facilities in projects such as OTT-DOK, HYPER-ATMO, ADoNGS, PHOTO-SOLV and ENVIFATE, dedicated to atmospheric photochemical processes and the transformation of volatile organic compounds. These activities generated joint experiments, methodological exchanges, scientific communications and publications carried out in international collaboration.

Support services for other research organisations

The ability to transfer skills is also demonstrated through the support services provided to partner institutions. The Faculty of Informatics organized, within the CIT IT-HUB project financed by the World Bank, a training program in the field of cloud computing for seven professors and researchers of the State University of Moldova. The activity was associated with the master's program "Artificial Intelligence and Data Science" and contributed to the strengthening of digital skills and the development of cross-border academic cooperation.

Co-opting partner organisations and external researchers in initiated projects

UAIC's ability to build teams and consortia is evidenced by 60 projects and project proposals in which researchers and organizations from the country and abroad have been co-opted. The partnerships involved universities and institutes from France, Belgium, Germany, Finland, Croatia, Portugal, Spain, Australia, the Republic of Moldova, Lithuania, Latvia and other states.

The CONFIDENT, SAGES, CITY FOCUS, RESEAST, REZILIENT and INDI-DeR projects, the Romania-France and Romania-Republic of Moldova bilateral projects, as well as the proposals developed within the Horizon Europe, Erasmus+, PNRR and PNCDI programs are representative. The areas covered include biology and bioarchaeology, chemistry and materials science, digitalization, economy and regional development, democratic resilience, energy transition, psychology, mental health, cultural heritage, digital philology and geosciences.

Sharing of infrastructure

Annex 6.2.e presents 14 collaborations that involved the provision of UAIC laboratories, equipment and platforms to partner organisations. Infrastructures from the faculties of biology, economics and business administration, geography and geology and the Institute for Interdisciplinary Research are involved.

Sharing of research infrastructures

Crt. no.	Structure	Collaborations	Main components and uses
1	Faculty of Biology	4	Bioarchaeology, paleohistology, 3D geometric morphometry, molecular genetics
2	Faculty of Economics and Business Administration	1	RaaS-IS – cloud resources for processing big data volumes
3	Faculty of Geography and Geology	8	GIS, hydrology, geomorphology, human cartography, mineralogy and geochemistry
4	Faculty of Institute for Interdisciplinary Research	1	CERNESIM – PTR-TOF-MS, FTIR and ESC-Q-UAIC camera
Total		14	

In the field of biology, UAIC laboratories have been used together with structures of the Romanian Academy, universities and research stations for paleohistology, taphonomy, archaeozoology and genetic diversity analysis. The RaaS-IS infrastructure was used in collaboration with the "Gh. Zane" Institute of Economic and Social Research of the Romanian Academy for processing large volumes of data. In geosciences, partners from Europe and Africa used GIS tools, mapping laboratories and mineralogical analysis facilities, and the collaboration between CERNESIM and ICARE-CNRS Orléans included access to the PTR-TOF-MS, FTIR systems and the ESC-Q-UAIC reaction and atmospheric simulation chamber.

Provision of services and development of inter- and transdisciplinary projects

Annex 6.2.f contains 38 activities and initiatives bringing together research, training, mobility and skills transfer in inter- and transdisciplinary contexts. This includes the Jean Monnet EU-PAIR project, Blended Intensive Programme, HUMINT international conferences, COIL collaborations,



JASSY Summer School and activities developed together with institutions from Belgium, Portugal, Finland, France, Germany, Austria, the Netherlands and North Macedonia.

Distribution of inter- and transdisciplinary initiatives

Crt. no.	Structure	Number of activities	Main types of activities
1	Faculty of Economics and Business Administration	22	Jean Monnet Projects; Blended Intensive Programmes; COIL collaborations; international conferences; summer schools; Training and mobility activities
2	Faculty of Informatics – iTransfer Technology Transfer Center	8	Workshops and training programs; transfer of skills in cloud computing, artificial intelligence and data science; activities with academic and economic partners
3	Faculty of Geography and Geology	6	Interdisciplinary research projects and activities; use of GIS and mapping tools; studies on natural, socio-economic and environmental risks
4	Institute for Interdisciplinary Research	2	Interdisciplinary research projects; access to experimental infrastructures; collaborations on atmospheric processes, environment and advanced analysis
Total		38	

These initiatives brought together academic staff, researchers, students, academic organisations and economic partners around topics such as European public administration, sustainability, human resources management, inclusion and diversity, digital transformation, data analytics and regional development. By integrating education, research and innovation, the collaborations have contributed to the establishment of international academic communities and to the strengthening of UAIC's interdisciplinary profile.

Overall, the activities carried out in the period 2020–2024 demonstrate the existence of a mature institutional capacity to develop national and international collaborations. This is reflected by:

- agreements and memoranda with academic, research and economic organisations;
- access granted to external researchers to UAIC laboratories and infrastructures;
- sharing of equipment, digital platforms and experimental facilities;
- provision of support services and transfer of skills;
- attracting partners in national and international projects and consortia;
- development of inter- and transdisciplinary initiatives that integrate research, education and innovation.

The geographical and institutional diversity of the partners, the integration of UAIC infrastructures into European networks, the participation in bilateral and international projects and the ability to coordinate consortia and joint activities confirm the active role of the "Alexandru Ioan Cuza" University of Iași in the European Research Area. The developed collaborations support the mobility of researchers, doctoral and postdoctoral training, the production of publications and joint results, methodological and technological transfer and the efficient use of research infrastructures. The details of the activities are presented in **Annex 6.2**, the authorisation document for the acceptance of researchers from third countries and in **Annexes 62.a ÷ 62.f**.

6.3 Contribution to national and world science and culture

Between 2020 and 2024, the "Alexandru Ioan Cuza" University of Iași has constantly contributed to the development of national and international science and culture by producing and capitalizing on reference works, publishing scientific results with impact in the fields of activity and organizing dissemination events recognized in the academic community.

The documentation related to the indicator includes three complementary categories of results: reference works validated by presentation at scientific events, works published in journals and volumes relevant to the fields of activity and events, studies or reports through which the research results were



disseminated. The records in the annexes have been analysed separately, as the same contribution can be reflected both as a published paper and as a result presented or capitalised on at a scientific event.

Synthesis of contributions to national and world science and culture (2020–2024)

Crt. no.	Category of results	Records for the period 2020–2024
1	Reference works for national and world science and culture – Annex 6.3a	447
2	Published reference works for the field of work – Annex 6.3b	776
3	Large-scale and prestigious dissemination activities – Annex 6.3c	606
Total Records		1829

The synthetic analysis highlights the existence of a portfolio of 1829 contributions made during the evaluated period, which reflects both the university's ability to generate original scientific results and their capacity to capitalize and disseminate them in the national and international academic community. The distribution of the three categories of results confirms the complementary nature of research, publication and knowledge transfer activities.

Annual evolution of contributions

Crt. no.	Year	Reference works	Published works	Dissemination activities	Annual total
1	2020	65	151	54	270
2	2021	86	145	106	337
3	2022	84	152	143	379
4	2023	106	148	164	418
5	2024	106	180	139	425
Total		447	776	606	1829

6.3.1. Reference works for national and world science and culture

Between 2020 and 2024, the "Alexandru Ioan Cuza" University of Iași produced 447 reference works for the fields of activity cultivated within the university, inventoried in **Annex 6.3.a**. These contributions were validated by their presentation and debate at events organized by academies, universities, research institutes and scientific societies in Romania and abroad, reflecting the recognition of research results by the national and international scientific community.

The annual distribution shows an overall upward trend in the number of reference works over the evaluation period. Following 65 contributions recorded in 2020, the number increased to 86 in 2021, followed by a slight decrease to 84 in 2022. The highest level of the period was reached in both 2023 and 2024, with 106 reference works recorded in each year, indicating the consolidation and sustained high level of activities aimed at valorising and disseminating research results. Overall, the final two years account for 212 works, representing approximately 47.4% of the total 447 contributions identified.

An important share of contributions is represented by research in the field of biology and cultural heritage, including studies on biodiversity, species evolution, the beginnings of agriculture in the Carpathian area, paleopathology, zooarchaeology and analysis of historical populations. In the field of exact sciences, research on environmental chemistry, atmospheric processes, advanced materials, physics and modelling of natural processes is represented, and in the field of computer science and socio-economic sciences, topics related to digital transformation, data analysis, sustainable development, rural economy, European policies and contemporary socio-economic processes are addressed.

The recognition of these contributions is demonstrated by the presentation of the results at scientific events organized by prestigious institutions and organizations, such as the Romanian Academy, universities and research institutes in Romania and abroad, as well as at renowned international conferences and congresses, including the Iași Academic Days, the Romanian Academy Grants Symposium, PONTICA and the Postgraduate Zooarchaeology Forum. The constant participation in these events confirms the integration of UAIC researchers in active scientific communities and the university's contribution to the development of research directions relevant to national and international science and culture.

6.3.2. Published reference works for the fields of activity



Annex 6.3.b highlights the capacity of the "Alexandru Ioan Cuza" University of Iași to generate and publish scientific results relevant to the fields of activity cultivated within the university. For the period 2020–2024, 776 published reference papers were identified, which reflect the contribution of UAIC researchers to the development of knowledge in fundamental and applied fields, as well as their integration into the national and international circuit of scientific communication.

The annual distribution reflects sustained publishing activity throughout the period under review, with relatively stable figures between 2020 and 2023, ranging from 145 to 152 publications, followed by a significant increase in 2024, when 180 publications were identified, representing the highest level recorded during the evaluation period. Overall, 776 published works were identified, confirming the institution's capacity to valorize research results through scholarly publications. The analysis of the Annex also highlights the multidisciplinary nature of UAIC's scientific output, with publications covering both fundamental research and research aimed at addressing issues of societal relevance.

In the field of biology, works dedicated to biodiversity, integrative taxonomy and phylogeny stand out, published in internationally recognized journals, such as *Systematic Entomology*, *Organisms Diversity & Evolution*, *Zoological Journal of the Linnean Society*, *Cladistics* and *Journal of Hymenoptera Research*. In the field of law, contributions on digital transformation, artificial intelligence, cybersecurity, data protection and European law are documented, and in the socio-economic sciences topics on regional development, sustainability, governance and public policies are addressed. At the same time, the fields of philology, history and philosophy are represented by works on cultural heritage, linguistic studies and the valorization of documentary heritage.

6.3.3. Organisation of activities for the dissemination of research results

The dissemination activity is one of the essential components of capitalizing on the results of the research carried out at the "Alexandru Ioan Cuza" University of Iași. **Annex 6.3.c** inventories 606 dissemination activities organized or co-organized in the period 2020–2024, including conferences, congresses, symposia, workshops, summer schools, scientific sessions, round tables, exhibitions, volume launches and other events dedicated to the communication of research results.

Distribution of dissemination activities by types of activities, in the period 2020–2024

Crt. no.	Type of dissemination activity	Number of activities
1	Conferences and congresses	220
2	Symposia	103
3	Workshops	16
4	Summer and winter schools	6
5	Communication sessions, colloquia, round tables and debates	19
6	Large-scale reports and studies	51
7	Other dissemination and valorisations activities	191
Total		606

The category "other dissemination and valorisations activities" brings together the events that could not be unequivocally classified in the main categories, including seminars, lectures, scientific meetings, open science events, research promotion activities, participation in scientific committees and other forms of academic communication.

The distribution highlights the central role of conferences and congresses, which account for 220 activities, representing 36.3% of the total. These are complemented by 103 symposia, confirming the importance of thematic and discipline-specific scientific events in the dissemination and valorization of research results. Major reports and studies account for 8.4% of the activities and reflect the knowledge transfer component directed towards public institutions, professional bodies, and the scientific community.

Workshops, summer schools, communication sessions, colloquia and round tables supported methodological exchange, training of researchers and development of academic collaborations. The typological diversity of the activities confirms the existence of a complex institutional system of dissemination, which integrates scientific communication, advanced training and the transfer of results to society.



Among the events with international visibility are the 10th Congress of the International Society of Hymenopterists, the EURINT series – European Union and its Neighbourhood, the conferences Legal Perspectives on the Internet (COPEJI), Forensic Science and its Implications in the Development of Human Society (FOSIDHUS), as well as numerous conferences organized in the fields of exact, natural, social and humanistic sciences. These events have strengthened the integration of UAIC researchers in international academic networks and have contributed to increasing the visibility of research results.

7. Human Resources

7.1 Staff structure by scientific degrees and share of doctoral supervisors, respectively career development opportunities

Human resources are the main factor that supports the fulfillment of the mission of the "Alexandru Ioan Cuza" University of Iași as an institution of advanced education and research. In the period 2020–2024, the university aimed to strengthen a balanced academic and research community, characterized by maintaining a high number of researchers and teaching staff with higher scientific degrees, developing doctoral coordination capacity and integrating researchers at the beginning of their careers.

The data in **Annex 2.4** show a positive evolution of the human resource involved in research, development and innovation activities. The number of permanent staff with higher education increased from 818 academic staff and researchers in 2020 to 932 academic staff and researchers in 2024 (+13.9%), and the effective research capacity, expressed in full-time equivalent (FTE), increased from 346.9 FTE to 373.4 FTE (+7.6%). In the same period, the staff classified on scientific grades CS I–CS III and equivalent teaching functions increased from 315.9 FTEI to 327.4 FTE, confirming the consolidation of the highly qualified human resource involved in the research activity.

Evolution of the human resource involved in the research activity (2020–2024)

Crt. no.	Indicator	2020	2021	2022	2023	2024	Evolution 2020–2024
1	Permanent staff with higher education (academic staff and researchers)	818	828	901	916	932	+114 (+13,9%)
2	Permanent staff with higher education (FTE)	346,9	350,8	357,6	367,2	373,4	+26.5 FTE (+7.6%)
3	Permanent staff with grades CS I–III and equivalent (academic staff and researchers)	728	728	732	729	740	+12 (+1,6%)
4	Permanent staff with grades CS I–III and equivalent (FTE)	315,9	320,8	321,6	321,2	327,4	+11.5 FTE (+3.6%)
5	PhD supervisors	209	220	228	235	246	+37 FTE (+17,7%)

The data summarized in the table above highlight the consolidation of the human resource involved in the R&D and innovation activity throughout the analysed period. The number of permanent staff with higher education increased from 818 to 932 academic staff and researchers (+13.9%), and the actual research capacity, expressed in full-time equivalent, increased from 346.9 FTE to 373.4 FTE (+7.6%). At the same time, the staff with higher scientific degrees (CS I–III and equivalent) remained at a high level, reaching 740 academic staff and researchers and 327.4 FTE in 2024, which confirms the stability of the academic and research staff. The increase in the number of doctoral supervisors from 209 to 246 (+17.7%) reflects the strengthening of the institutional capacity for training through research and the expansion of the academic expertise available within the 14 doctoral schools and the 25 doctoral fields organized within IOSUD-UAIC.

7.1.2. Staff structure by scientific grade

The structure of the RDI staff highlights the existence of a balanced academic community, made up of teaching staff involved in research activities, researchers with scientific degrees and staff at the



beginning of their research career. The analysis of the evolution over the period 2020–2024 reveals the maintenance of a high share of staff with higher and equivalent scientific degrees (CS I, CS II, CS III and equivalent teaching functions), which reflects the stability and maturity of the human resource involved in the R&D and innovation activity. In 2024, this category amounted to 327.4 FTEs, compared to 315.9 FTEs in 2020, representing an increase of 3.6% over the period assessed.

Evolution of the structure of research staff by scientific degrees (FTE)

Crt. no.	Research career level	2020	2021	2022	2023	2024
1	Level I (CS I + university professor)	86,5	89,5	88,0	91,0	96,0
2	Level II (CS II + associate professor)	103,4	114,4	120,2	121,2	125,4
3	Level III (CS III + head of works/university lecturer)	126,0	116,9	113,4	109,0	106,0
4	Researchers (ACS and CS)	31,0	30,0	36,0	46,0	46,0

Evolution of the structure of staff with scientific degrees and equivalent teaching functions (FTE)

Crt. no.	Category of staff	Equivalent grade/function	2020	2021	2022	2023	2024
1	Researchers	ACS and CS	31,0	30,0	36,0	46,0	46,0
2		CS III	45,0	41,0	39,0	37,0	34,0
3		CS II	11,0	18,0	19,0	20,0	23,0
4		CS I	2,0	4,0	3,0	3,0	5,0
Total researchers		ACS, CS and CS I–III	89,0	93,0	97,0	106,0	108,0
5	Academic staff	Lecturer (equivalent to CS III)	81,0	75,9	74,4	72,0	72,0
6		Associate Professor (CS II equivalent)	92,4	96,4	101,2	101,2	102,4
7		University Professor (CS I equivalent)	84,5	85,5	85,0	88,0	91,0
Total teaching staff		Equivalent functions CS I–III	257,9	257,8	260,6	261,2	265,4
TOTAL RDI STAFF INVOLVED IN RESEARCH		ACS, CS, CS I–III and equivalent	346,9	350,8	357,6	367,2	373,4

The data presented in the table above highlight the existence of a balanced structure of the staff involved in the research activity, covering all stages of the research career, from researchers at the beginning of their careers (research assistants and researchers – ACS and CS) to the staff employed on the highest scientific degrees and equivalent teaching functions.

In the category of researchers, there is a significant increase in the number of research assistants and researchers (ACS and CS), from 31 FTE in 2020 to 46 FTE in 2024, which reflects the university's concern to attract and integrate young researchers and to ensure the continuity of the human resource dedicated to research activities. At the same time, the number of researchers with the CS II degree increased from 11 FTE to 23 FTE, and that of researchers with the CS I degree from 2 FTE to 5 FTE, an evolution that highlights the professional promotion and consolidation of the body of experienced researchers. The reduction in the number of researchers with the CS III degree, from 45 FTE in 2020 to 34 FTE in 2024, can be explained by their promotion to higher scientific degrees, a natural phenomenon in the evolution of the research career. Thus, the total number of researchers (ACS, CS and CS I–III) increased from 89 FTEs to 108 FTEs in the period evaluated.

In the case of the teaching staff involved in the research activity, a similar evolution is observed, characterized by the increase in the number of staff employed in the positions equivalent to the degrees CS II and CS I, respectively associate professor and university professor, at the same time as the reduction in the number of heads of works and university lecturers, an evolution specific to the academic promotion process. The total number of academic staff employed in positions equivalent to higher scientific degrees remained at a high level, increasing slightly from 257.9 FTE in 2020 to 265.4 FTE in 2024.



7.1.3. Career development opportunities for researchers

The "Alexandru Ioan Cuza" University of Iași develops a coherent institutional framework to support the professional development of researchers, in accordance with the principles of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers. The institutional policies on human resources in research are implemented through the HRS4R (Human Resources Strategy for Researchers), for which the university holds the HR Excellence in Research distinction awarded by the European Commission, reconfirmed following the periodic evaluation processes.

Career development is supported by complementary mechanisms that cover the entire professional path of the researcher, from doctoral and postdoctoral training to the consolidation of an independent academic career. These mechanisms include:

- participation in research projects funded by national and international programmes (Horizon Europe, Erasmus+, COST, MSCA, PNCDI, PNRR, POSDRU and POCU);
- integration of researchers in research groups and infrastructures at European level, such as CERNESIM, RECENT AIR, ARHEOINVEST and RAMTECH;
- access to international research mobilities and European academic networks developed including within the EC2U Alliance of European Universities;
- participation in doctoral and postdoctoral programs, mentoring activities and continuous training;
- applying the principles of open, transparent and merit-based recruitment (OTM-R), promoting equal opportunities and supporting the development of researchers' professional and managerial skills.

In the period 2020–2024, these mechanisms were completed by implementing the projects dedicated to the training of researchers and the development of human capital, presented in Chapter 5.5, as well as by expanding the number of doctoral supervisors and consolidating the activity of the 14 doctoral schools within IOSUD-UAIC.

7.1.4. Quality of the research team and its suitability for the organization's mission

The human resource analysis highlights the existence of a mature, multidisciplinary research team appropriate to the mission of the "Alexandru Ioan Cuza" University of Iași as a university of advanced research and education. In 2024, the research activity was supported by 932 academic staff and researchers involved in research, development and innovation activities (373.4 FTE), of which 740 academic staff and researchers held positions corresponding to higher scientific degrees or equivalent (327.4 FTE). This structure reflects the existence of a critical mass of experienced and expert staff, capable of coordinating competitive research projects, research infrastructures and doctoral programs.

The capacity for training through research is supported by the evolution of the number of doctoral supervisors, which increased from 209 in 2020 to 246 in 2024, representing an increase of 17.7%, as well as by the activity carried out within the 14 doctoral schools and 25 doctoral fields organized in IOSUD-UAIC. In the same period, 986 doctoral students were coordinated, and 535 doctoral theses were completed and publicly defended, confirming the institutional capacity to train the new generations of researchers.

Synthetic indicators on the quality of research human resources (2020–2024)

Crt. no.	Indicator	Value
1	Permanent academic and researches staff with higher education (2024)	932
2	Permanent academic and researches staff (FTE, 2024)	373,4
3	Staff with grades CS I–III and equivalent	740
4	Staff with grades CS I–III and equivalent (FTE)	327,4
5	Doctoral schools	14
6	Doctoral fields	25
7	PhD supervisors (2024)	246
8	Increase in the number of doctoral supervisors (2020–2024)	+17,7%
9	PhD students coordinated in the period 2020–2024	1102
10	Defended doctoral theses	535



7.2 Members of the editorial staff of a national/international journal (listed by Web of Science, Thomson Reuters or indexed in a BDI) or in the editorial staff of established international publishers; members of the international think tank/group of experts at European/world level; Fellow, senior member of an international scientific society

The professional prestige of the researchers of the "Alexandru Ioan Cuza" University of Iași is reflected not only by the results of their research activity, but also by the recognition of their expertise at international level, materialized by their participation in the editorial structures of prestigious journals and publishing houses, in international groups of experts and European and world advisory bodies, as well as by their membership in international scientific societies representative of the areas in which they operate.

The analysis of annexes 7.2.a1, 7.2.a2, 7.2.b1 and 7.2.b2 highlights the involvement of UAIC researchers in all these categories of academic and professional structures, which confirms the international recognition of the scientific competences developed within the university and their contribution to increasing the visibility of Romanian research in the European Research Area.

Synthesis of the participation of UAIC researchers in international academic and professional structures (2020–2024)

Crt. no.	Category	Annex	Number of positions
1	Members of editorial boards of scientific journals	7.2.a1	500
2	Members of editorial boards of international publishing houses	7.2.a2	8
3	Members of international think tanks and expert groups	7.2.b1	42
4	Members (fellow/senior, etc.) of international scientific societies	7.2.b2	138

7.2.1 Participation in the editorial boards of international journals and publishers

UAIC researchers hold editorial positions in Web of Science journals and in publications indexed in international databases, as well as in editorial groups of established publishers. These responsibilities confirm the recognition of the professional competence and involvement of the university's researchers in the processes of evaluation and validation of research results at international level. The editorial positions cover all the major fields cultivated within the university: biology, chemistry, physics, geography and geology, law, economics and business administration, philosophy and social-political sciences, letters and interdisciplinary research.

Between 2020 and 2024, researchers from the "Alexandru Ioan Cuza" University of Iași held 500 positions in the editorial boards of national and international scientific journals, of which 143 positions, representing 28.6%, in journals listed or indexed in Web of Science, including the Emerging Sources Citation Index, and 357 positions, respectively 71.4%, in journals indexed in other recognized international databases. To these are added 8 positions in the editorial collectives of established international publishing houses, so that the supporting documentation records, in total, 508 editorial responsibilities.

Distribution of editorial positions held by UAIC researchers, in the period 2020–2024

Crt. no.	Category	Number of positions	Share in total magazine positions (%)	Type of magazine
1	Journals listed or indexed in the Web of Science, including ESCI	143	28,6	Molecules, Current Medicinal Chemistry, Plants, Frontiers in Marine Science, Eastern Journal of European Studies, PLOS ONE, Scientific Annals of Economics and Business
2	Journals indexed in international databases – BDI, including Scopus, ERIH Plus,	357	71,4	CES Working Papers, Journal of Experimental and Molecular Biology, Romanian Journal of Biology – Plant



	DOAJ, EBSCO, HeinOnline, CEEOL and RePEc, with no WoS indexing mentioned			Biology, Review of Economic and Business Studies, EURINT Proceedings
Total positions in the editorial boards of the journals		500	100,0	—
3	Positions in editorial collectives of established international publishers	8	—	MDPI, Wiley, Edward Elgar, Frontiers, ARACNE, Brepols
Overall total of documented editorial responsibilities		508	—	—

The editorial responsibilities cover all the fields cultivated within the university and include participation in the processes of selection, evaluation and validation of the results of research published in specialized journals. The presence of UAIC researchers in the collectives of publications such as *Molecules*, *Current Medicinal Chemistry*, *Frontiers in Marine Science*, *Plants*, *PLOS ONE*, *Eastern Journal of European Studies* and *Scientific Annals of Economics and Business*, as well as the editorial collaboration with MDPI, Wiley, Frontiers, Edward Elgar, Brepols and ARACNE, reflects the recognition of their scientific competence and their integration into the international circuit of academic communication.

7.2.2 Participation in international *think tanks* and expert groups

Annex 7.2.b1 highlights the involvement of the researchers of the "Alexandru Ioan Cuza" University of Iași in 42 international think tanks, expert groups, advisory bodies and evaluation committees, organized under the aegis of European and international institutions. These responsibilities reflect the recognition of the scientific expertise of UAIC researchers and their contribution to scientific evaluation processes, the development of public policies, the substantiation of the international regulatory framework and the development of strategic initiatives in areas of European and global interest.

The activities carried out within these structures include the evaluation of research and innovation projects, participation in working groups and advisory bodies, the coordination of international thematic groups, as well as the exercise of responsibilities in academic, economic and institutional governance structures. The involvement of UAIC researchers covers areas such as research and innovation, international and European law, social and educational policies, regional development, cultural heritage, university cooperation and development financing.

Participation is documented in prestigious organizations and institutions, including the European Commission, European Labour Authority, European Centre of Expertise in Labour Law, Employment and Labour Market Policies, UNCITRAL (United Nations Commission on International Trade Law), UNIDROIT (International Institute for the Unification of Private Law), Asian Infrastructure Investment Bank, Black Sea Trade and Development Bank, European Holocaust Research Infrastructure (EHRI), International Holocaust Remembrance Alliance (IHRA), Agence Universitaire de la Francophonie (AUF), Israel Science Foundation, as well as EC2U Think Tank structures and other thematic groups developed within European university alliances.

Typology of international expert groups

Crt. no.	Type of activity	Number of positions	Organization Type
1	Expert evaluator within the European Commission and other international bodies	11	European Commission (EIC Accelerator, Erasmus, DG-COMM), Israel Science Foundation, AUF
2	International expert groups and advisory bodies	12	UNCITRAL, UNIDROIT, European Labour Authority, European Centre of Expertise, EC2U



3	International think tanks and thematic groups	6	EC2U Think Tank, CoTalent, DiTemp
4	International Governance Boards, Committees and Bodies	9	AIIB, BSTDB, European Holocaust Research Infrastructure, IHRA, European Doctoral Day Coordination Committee
5	International scientific committees and groups	4	KUL Reviewers, Interpretetos, ICOS Working Group, Scientists' Coalition for an Effective Plastics Treaty
Total		42	

7.2.3 Membership in international scientific societies

The scientific societies represented cover all the fields cultivated within the "Alexandru Ioan Cuza" University of Iași, as well as the activity carried out within the Institute for Interdisciplinary Research (ICI), highlighting the comprehensive and multidisciplinary character of the research developed in the university. UAIC researchers hold the status of fellow, senior member, member, founding member, national representative or president within scientific organizations of international prestige, contributing to the development of academic networks and to the strengthening of institutional visibility.

Among the prestigious organizations in which the university's researchers are represented are the European Mycological Association, International Society of Hymenopterists, Royal Society of Chemistry, European Physical Society, European Geosciences Union, Academy of Europe, European Sociological Association, International Sociological Association, American Mathematical Society, IEEE, Regional Science Association International, European Association of Archaeologists, International Council of Archaeozoology, European Society of International Law, European Association of Tax Law Professors, International Geographical Union, American Association of Petroleum Geologists and numerous other professional organizations relevant to the research fields developed within UAIC.

Main categories of international scientific societies in which UAIC researchers are represented

Crt. no.	Structure/Domain	Number of memberships	Examples of organizations
1	Faculty of Biology	10	European Mycological Association; International Society of Hymenopterists; European Ornithologists' Union; Society for Medicinal Plant and Natural Product Research
2	Faculty of Chemistry	4	Royal Society of Chemistry; American Society for Mass Spectrometry; Deutsche Gesellschaft für Massenspektrometrie
3	Faculty of Law	3	European Society of International Law; European Association of Private International Law; ICON-S
4	Faculty of Economics and Business Administration	7	PRMIA; World Economics Association; European Association of Tax Law Professors; The Athens Institute
5	Faculty of Physics	2	European Physical Society; IEEE
6	Faculty of Philosophy and Social-Political Sciences	20	European Sociological Association; International Sociological Association; AIFREF; AIFRIS; Appreciative Inquiry Commons
7	Faculty of Geography and Geology	62	European Geosciences Union; International Geographical Union; Regional Science Association International; Geological Society of America; EAGE; AAPG
8	Faculty of Informatics	2	American Association for the Advancement of Science; Informatics Europe



9	Faculty of History	4	European Association of Archaeologists; International Association of Greek and Latin Epigraphy; International Commission for the History of Towns
10	Faculty of Letters	1	Current Semiology (Paris V – Sorbonne)
11	Faculty of Mathematics	5	American Mathematical Society; European Mathematical Society Young Academy
12	Faculty of Psychology and Educational Sciences	2	American Psychological Association; IAFOR
13	Faculty of Orthodox Theology	6	Society of Orthodox Liturgists; Spanish Byzantine Society; North American Patristics Society; Der Förderverein der Theologischen Fakultät Heidelberg
14	Institute for Interdisciplinary Research (ICI)	10	International Academy of Genealogy; Optical Society (OSA); European Physical Society; American Name Society; Society of Romance Linguistics; International Council of Onomastic Sciences; International Association of Patristic Studies; International Association for Semiotic Studies; Association for Medical Humanities
Total		138	

The participation of researchers in these scientific societies contributes to the development of international collaborations, to access to academic networks of excellence, to involvement in the organization of scientific events and to the promotion of the results of the research carried out within the university, thus strengthening UAIC's position in the European Research Area.

7.3 Members of the Board/Scientific Committee of an International Specialized Organization/Association

Between 2020 and 2024, academic staff and researchers of the "Alexandru Ioan Cuza" University of Iași held positions in the management structures and scientific committees of prestigious international organizations and associations, contributing to increasing institutional visibility and strengthening the university's participation in European and international academic and professional networks.

The analysis of the documentation presented in **Annexes 7.3.a** and **7.3.b** highlights the participation of UAIC representatives both in management bodies (boards, boards of directors, executive councils, coordination groups) and in standing scientific committees, advisory councils and evaluation structures of international organizations in the fields of exact sciences, nature, engineering, social, economic and humanities.

Summary of UAIC researchers' participation in international structures (2020–2024)

Crt. no.	Category	Number of positions
1	UAIC representatives in the management/scientific committees of international organisations (Annex 7.3.a)	36
2	Participation in the management/scientific committees of international organisations (Annex 7.3.b)	15

7.3.1 UAIC representation in the leadership of international organizations and associations

Annex 7.3.a highlights the involvement of the researchers of the "Alexandru Ioan Cuza" University of Iași in the management structures and scientific committees of prestigious international organizations and associations. In the period 2020–2024, 36 positions held by university representatives in international academic and scientific governance bodies were identified, reflecting the recognition of their expertise and active participation in the processes of coordination and development of international scientific cooperation.



Positions include chair, vice-chair, member of executive boards, member of boards of directors, national representative, coordinator of thematic groups, member of boards of directors and expert in international advisory bodies. These responsibilities involve participating in the development strategies of organizations, coordinating scientific activities, evaluating research programs and representing the academic community in decision-making processes at European and international level.

Organizations within which UAIC researchers hold such responsibilities include academic and professional reference structures, such as UNIDROIT, Coimbra Group, European Security and Defence College (ESDC), European Mycological Association, International Mathematical Union (ICMI), International Astronomical Union (IAU), European Geosciences Union (EGU), Regional Science Association International, Association Internationale de Géographie Francophone (AIGF), International Society for Geomorphometry, European Holocaust Research Infrastructure (EHRI), International Holocaust Remembrance Alliance (IHRA) and UNESCO Inclusive Policy Lab, which demonstrates the integration of UAIC researchers into academic and professional networks with international relevance.

The distribution of these responsibilities highlights the multidisciplinary nature of institutional representation, the positions being held by academic staff and researchers in the fields of biology, law, economics and business administration, philosophy and social-political sciences, geography and geology, computer science, mathematics, psychology and educational sciences, as well as within the Institute for Interdisciplinary Research. This distribution confirms the existence of an internationally recognized expertise in all the major scientific fields cultivated within the university and the ability of UAIC to contribute to the development and governance of international scientific communities.

7.3.2 Participation of UAIC researchers in the management and scientific committees of international organizations

Annex 7.3.b completes the picture regarding the international recognition of the researchers of the "Alexandru Ioan Cuza" University of Iași, highlighting their participation in the management structures and scientific committees of international professional organizations and associations. Between 2020 and 2024, 15 positions held by university researchers in scientific coordination, leadership and evaluation bodies were identified, reflecting their professional prestige and active contribution to the development of international academic communities.

Responsibilities include member of steering committees and boards of directors, member of scientific committees, secretary general, national representative, member of steering committees, treasurer, as well as external evaluator of doctoral programmes and scientific activities. By exercising these attributions, UAIC researchers participate in coordinating the activities of professional organizations, defining scientific development directions, evaluating research results and strengthening academic cooperation at international level.

Organisations in which the university's researchers hold such responsibilities include the Association Internationale de Droit Pénal (AIDP), the Association Francophone de Comptabilité (AFC), the Association of South Eastern Europe Economic Universities (ASECU), the Association Internationale de Géographie Francophone (AIGF), the International Society for Computational Biology (ISCB), the Turner Institute for Brain and Mental Health and The Scientists' Coalition for an Effective Plastics Treaty, organizations recognized for their contribution to the development of research and international cooperation in the fields they represent.

The participation of UAIC researchers in these structures highlights the diversity of the fields represented, namely law, economics and business administration, geography and geology, computer science, psychology, history and interdisciplinary research, as well as the university's ability to contribute to the activity of professional bodies with a role in coordinating, evaluating and promoting research at international level. This involvement strengthens the institutional visibility of the "Alexandru Ioan Cuza" University of Iași and confirms its integration into prestigious academic and professional networks, with an impact on the development of scientific collaborations and knowledge transfer.

7.4 Members/experts in committees/joint working groups of public authorities at national level

In the period 2020–2024, UAIC contributed to the substantiation and implementation of public policies by involving researchers in advisory bodies, national commissions and working groups of public authorities. 136 participations in such structures were identified (**Annex 7.4a**) and 40 actions



with societal, economic and institutional impact, carried out in collaboration with ministries and government agencies (**Annex 7.4b**).

Summary of the participation of UAIC researchers in structures of public authorities

Crt. no.	Indicator	Number
1	Participation in national committees and working groups	136
2	Actions with societal, economic and social impact	39
3	Major public policy areas covered	6
4	Main categories of public authorities represented	8

7.4.1 Participation of UAIC researchers in commissions and working groups of public authorities at national level

Annex 7.4a highlights 136 participations of researchers from the "Alexandru Ioan Cuza" University of Iași, as members or experts, in specialized commissions, advisory bodies, working groups and evaluation structures set up by public authorities at national level, in the period 2020–2024. These participations demonstrate the recognition of the scientific expertise of the UAIC academic community and the university's direct contribution to substantiating public policies, developing professional standards and supporting decision-making processes in public administration.

The participations are distributed in all scientific fields cultivated within the UAIC and involve representatives of faculties and research institutes in national bodies with evaluation, regulation, consultation and coordination attributions.

The main categories of public authorities in which UAIC researchers are represented

Crt. no.	Category of public authorities	Number of entries*	Example
1	CNATDCU	25	specialized commissions from all fields
2	ARACIS	8	expert evaluators and members of the Board
3	CNCS	4	Specialized and evaluation commissions
4	CNFIS	8	commissions and the CNFIS Council
5	CNSPIS	1	Member
6	ANFP	5	Technical groups and competition commissions
7	UEFISCDI / MCID	10	evaluators and project experts
8	Other ministries and public authorities	86	Ministry of Finance, MIPE, INS, Romanian Government, INM, etc.

*The values represent the participations presented in Annex 7.4a in the annexes of the indicator and may include the same person in more than one structure.

The analysis of the temporal distribution of participations highlights the constant character and progressive consolidation of the involvement of academic staff and researchers of the "Alexandru Ioan Cuza" University of Iași in national specialized commissions, advisory bodies and working groups set up by the central public authorities.

In 2020, 72 active participations were registered, UAIC academic staff and researchers being mainly involved in national academic and scientific evaluation bodies, such as CNATDCU, CNCS, ARACIS, CNFIS and UEFISCDI, as well as in commissions of the Ministry of Education, the Ministry of Culture, the Romanian Academy and other national authorities.

In 2021, the number of active participations stood at 65, the activity being focused on the continuation of existing mandates and on the involvement of researchers in advisory structures on quality assessment in higher education, the development of educational policies and the development of public administration, through bodies such as ARACIS, the National Institute of Statistics, ANFP and structures of the Ministry of Education.

In 2022, 68 active participations were identified, the period being characterized by the expansion of the university's representation in bodies with attributions regarding higher education financing, economic and financial policies, regional development, public administration and innovation, along with maintaining a consistent presence in the national academic and research evaluation commissions.

In 2023, the number of active participations increased to 74, noting the involvement of UAIC academic staff and researchers in new working groups dedicated to recruitment in the public service,



evaluation of research projects, digital transformation, financing through PNRR, as well as in advisory structures of the Ministry of Investments and European Projects, the Ministry of Finance, ANFP and the National Research Authority.

The year 2024 highlights the largest institutional representation in the analysed period, with 106 active participations, as a result of the renewal of the national commissions and the appointment of a high number of representatives of UAIC in the new structures of CNATDCU, CNCS, CNFIS, ARACIS, the National Research Authority, the Ministry of Education, the Ministry of Finance, the Ministry of Investments and European Projects, ANFP, the Romanian Academy and other specialized public bodies. This evolution confirms the consolidation of the role of the "Alexandru Ioan Cuza" University of Iași as a provider of scientific expertise for the substantiation of public policies and for the national processes of evaluation, regulation and strategic development.

7.4.2 Contribution of UAIC researchers to solving current problems of society

Annex 7.4.b documents 39 actions through which the academic staff and researchers of the "Alexandru Ioan Cuza" University of Iași contributed to the substantiation and implementation of public policies, national strategies, methodologies and measures with societal, economic and institutional impact. The activities highlight the transfer of scientific expertise to public authorities and the use of research results in the processes of elaboration, evaluation and implementation of decisions at national level.

The identified contributions cover strategic areas for societal development, including public administration and institutional resilience, education and research, innovation and digital transformation, environmental protection and biodiversity conservation, territorial development, cultural heritage and the judiciary. Representative examples include the contribution to the project "Increasing the analytical and administrative capacity to implement the resilience dimension in the functioning of central public institutions (REZILIENT)", participating in the elaboration of the National Strategy in the Field of Quantum Technologies 2024–2029, involvement in the development of national school curricula, evaluating projects financed by PNRR and PNRAS within UEFISCDI, conducting studies on the development of functional rural areas in collaboration with the Ministry of Development and the SPESPO network, activities dedicated to the conservation of biodiversity and the management of protected natural areas, as well as participation in initiatives regarding the modernization of the judicial system and the harmonization of judicial practice.

Areas of intervention and annual distribution of societal impact actions (2020–2024)

Crt. no.	Scope of intervention	2020	2021	2022	2023	2024	Total shares	Authorities /Partners
1	Education and research	3	2	5	8	11	15	CNATDCU, ARACIS, UEFISCDI, Ministry of Education, CNCS
2	Public administration and public policies	–	1	1	2	3	7	ANFP, Euro-Atlantic Centre for Resilience, central public administration
3	Economy and Public Finance	–	–	1	2	2	5	CNFIS, Ministry of Finance, MIPE
4	Environment and sustainable development	1	2	1	1	1	6	Ministry of Environment, Botoșani County Council, ESPON
5	Justice and Legal Affairs	1	1	1	–	–	3	INM, legislative groups, unification of judicial practice
6	Heritage and culture	–	–	2	–	1	3	Romanian Academy, Iasi Prefecture, museums
Total		4	6	11	13	18	39	



These activities demonstrate the connection of the research carried out within UAIC to the real needs of society and the institution's ability to provide scientific expertise to substantiate public policies and support decision-making processes at national level.

7.5 Members of the board of a doctoral school or the board of a doctoral school (CSUD); members (fellow, senior) of a national scientific society; members of the scientific/editorial committee of a prestigious national journal

In the period 2020–2024, the "Alexandru Ioan Cuza" University of Iași strengthened its role in the development of the national research and doctoral training system through the active participation of its teaching staff and researchers in the management structures of doctoral studies, in national scientific societies and in the editorial boards of prestigious academic journals.

These responsibilities reflect the professional recognition of UAIC researchers and their contribution to the coordination of doctoral programs, to the development of research areas, to the promotion of academic quality and ethics standards and to the strengthening of the national scientific community.

The documentation for the indicator highlights three complementary components:

- the participation of researchers in [the Council for Doctoral Studies \(CSUD\)](#) and in the councils of doctoral schools (CSD) (**Annex 7.5a**);
- their membership of national scientific societies (**Annex 7.5b**);
- participation in the scientific and editorial committees of prestigious national academic journals (**Annex 7.5c**)

Synthesis of the participation of UAIC academic staff and researchers in national academic structures (2020–2024)

Crt. no.	Category	Number of records
1	Positions in CSUD/CSD	86
2	Memberships in national scientific societies	102
3	Positions on editorial boards of national journals	250
Total		438

7.5.1 Participation of academic staff and researchers in CSUD and in the councils of doctoral schools

Annex 7.5.a highlights the participation of UAIC professors and researchers in 86 positions of academic leadership and coordination within the Council for Doctoral Studies (CSUD) and of the councils of the 14 doctoral schools organized within IOSUD-UAIC.

Through the activity carried out in these structures, institutional policies on the organization of doctoral studies are developed and implemented, academic quality and research ethics standards are monitored, internal evaluation processes are coordinated and measures for the development of doctoral programs and their integration into the European Research Area are promoted.

7.5.2 Membership of national scientific societies

Annex 7.5.b inventories 102 memberships of UAIC academic staff and researchers to national scientific societies and associations, as members, founding members, members of scientific councils or management committees.

These memberships cover all the major fields cultivated within the university and confirm the integration of academic staff and researchers in the academic and professional communities in Romania. Active participation in these organizations contributes to the development of research directions, to the elaboration of professional and methodological standards, to the organization of scientific events and to the promotion of collaboration between universities, research institutes and professional organizations.

Membership of UAIC academic staff and researchers in national scientific societies, by structures (2020–2024)

Crt. no.	Faculty / Structure	No. of memberships	Types of scientific societies
1	Faculty of Biology	12	Romanian Academy – Commission for the Protection of Natural Monuments; The Mycological Society of Romania; National Society of Cell



			Biology; Romanian Society of Bioinformatics; Romanian Society of Biochemistry and Molecular Biology; Romanian Society of Ecology; Romanian Society of Limnology; Ad-Astra Association
2	Faculty of Chemistry	9	Romanian Chemical Society; Romanian Society of Biomaterials; Romanian Inventors' Forum
3	Faculty of Law	2	Romanian Association of Constitutional Law; Romanian Association of European Law
4	Faculty of Economics and Business Administration	3	the Romanian Society for Economic and Financial Analysis (SRAEF); Academic Society of Management of Romania (SAMRO)
5	Faculty of Philosophy and Social-Political Sciences	13	the Romanian Society of Sociologists; Romanian Association of Sociology; the Romanian Association of Press History; Romanian Society of Philosophy; Romanian Society of Analytical Philosophy; Association of Ethnological Sciences of Romania; Romanian Writers' Union
6	Faculty of Physics	2	Romanian Society of Physics; European Physical Society
7	Faculty of Geography and Geology	38	Romanian Geographical Society; Geological Society of Romania; Association of Geomorphologists of Romania; the Society of Paleontologists of Romania; Romanian National Society for Soil Science; National Geography Committee; the Professional Association of Geographers in Romania; Romanian Association of Applied Meteorology and Education
8	Faculty of Informatics	2	Romanian Academy; Romanian Academy of Scientists
9	Faculty of History	8	the Romanian Society of Classical Studies; the Romanian Society for Historical Studies; Romanian Association of Baltic and Nordic Studies; Institute of Genealogy, Heraldry and Sigillography "Sever Zotta"; Commission for the History of Cities in Romania
10	Faculty of Mathematics	11	Romanian Society of Mathematical Sciences
11	Faculty of Orthodox Theology	2	CNATDCU (member)
Total		102	—

7.5.3 Participation in the editorial boards of national journals

Annex 7.5.c highlights 325 positions held by UAIC professors and researchers in editorial boards, scientific councils and editorial boards of prestigious national academic journals.

These responsibilities involve coordinating editorial processes, evaluating manuscripts, defining editorial policies, and maintaining standards of scientific quality and academic ethics. Through this activity, the university's researchers contribute to the development of Romanian scientific publications and to the dissemination of research results in all fields cultivated within the university.

Participation of UAIC researchers in editorial boards of national journals

Crt. no.	Magazine category	Number of participations
1	Journals in the field of exact and natural sciences	142
2	Journals in the field of engineering and computer sciences	28



3	Journals in the field of economics and business administration	39
4	Journals in the field of law and social sciences	43
5	Humanities and Theological Journals	73
Total		325

Through these responsibilities, UAIC faculty and researchers participate in the development and implementation of academic standards, in promoting ethics and integrity in research, in the development of scientific fields and in strengthening the quality of the doctoral training process, contributing to the fulfillment of UAIC's mission as a university of advanced research and education.

7.6 Awards/Distinctions/Titles

National and international recognition of scientific performance

The external recognition of scientific performance is one of the most relevant indicators of the quality of the research carried out at the "Alexandru Ioan Cuza" University of Iași. Between 2020 and 2024, the university's researchers and teaching staff benefited from constant validation from the most prestigious academic institutions, professional organizations and scientific forums in Romania and abroad, by awarding prizes, distinctions, medals and honorary titles. The detailed situation is presented in **Annex 7.6**.

The analysis of the annex highlights 149 awards, distinctions and titles, which can be grouped into five main categories of academic and professional recognition.

Categories of awards and distinctions awarded in the period 2020–2024

Crt. no.	Recognition category	Number of awards / titles (2020-2024)	Relevant examples
1	Romanian Academy Awards	19	"Dragomir Hurmuzescu", "George Barițiu", "Mihail Kogălniceanu", "Victor Slăvescu", "Gheorghe Țițeica", "Lucian Blaga", "Gheorghe Lazăr" etc.
2	Prizes awarded by national academies and authorities (AOSR, MCID, UEFISCDI, Ministry of Education, etc.)	8	AOSR Awards, "Constantin Noica" Award, Romanian Research Gala, awards for RDI results
3	Awards of scientific societies, professional organizations and cultural institutions	89	The Union of Jurists of Romania, the Union of Writers of Romania, AFER, CECCAR, the Geographical Society of Romania, Ad Astra, AFCN, etc.
4	International awards and distinctions	28	INTARG, EUROINVENT, INVENTCOR, Shanghai International Invention Exhibition, Danubius Award, awards given by international organizations and conferences
5	Doctor Honoris Causa titles awarded to UAIC members by other universities	5	Universities in Romania, the Republic of Moldova and the European Space
Total distinctions and forms of recognition identified in the Annex		149	National and international recognitions of RDI performance

The diversity of these recognitions reflects the multidisciplinary nature of the research carried out within the university and confirms the impact of the results obtained both on the scientific community and on the professional and societal environment.

Romanian Academy Awards

The highest form of academic recognition is represented by the 19 awards granted by the Romanian Academy to UAIC researchers and academic staff during the evaluated period. These distinctions have been obtained in fields such as mathematics, physics, chemistry, biology, geography, history, economics, philology and theology, confirming the excellence of the fundamental research developed within the university. Among the prizes awarded are "Dragomir Hurmuzescu", "George



Barițiu", "Mihail Kogălniceanu", "Daniel Danielopolu", "Ludovic Mrazec", "Victor Slăvescu", "Constantin Miculescu", "Nicolae Iorga", "A.D. Xenopol", "Gheorghe Țițeica", "Spiru Haret", "Lucian Blaga" and "Gheorghe Lazăr", awarded for scientific contributions of reference in the respective fields. These results demonstrate the continuity of scientific performance and its recognition at the highest level of the Romanian academic community.

Awards given by academies, professional organizations and specialized institutions

In addition to the Romanian Academy awards, UAIC researchers have benefited from 8 distinctions awarded by the Romanian Academy of Scientists and other national institutions, as well as 89 awards granted by scientific societies, professional organizations and cultural institutions, which highlights the recognition of research results within the professional and disciplinary communities. These awards were granted by organizations such as the Union of Jurists of Romania, the Union of Writers of Romania, the Chamber of Financial Auditors of Romania, the Association of Faculties of Economics in Romania (AFER), CECCAR, the Romanian Geographical Society, the Ad Astra Association, the Administration of the National Cultural Fund, the British Council, as well as other professional and cultural organizations in the country. The fields represented cover the entire academic profile of the university, from exact and natural sciences to law, economics, psychology, social sciences, philology, theology and cultural heritage.

International awards and distinctions

The international recognition of the research activity is reflected by 28 international awards and distinctions obtained during the analysed period. An important part of them come from participation in international exhibitions and exhibitions of innovation and technology transfer, such as EUROINVENT, INTARG, INVENTCOR, UGAL INVENT, ISIF and other international competitions dedicated to innovation. The results obtained highlight the contribution of the university's infrastructures and research centers, whose products and technologies have been rewarded with numerous international medals and awards. At the same time, researchers in the fields of computer science, physics, chemistry, geology, geography, psychology and humanities received distinctions awarded at international scientific conferences and competitions, confirming the competitiveness of the research carried out within UAIC.

Honorary titles

The professional prestige of the members of the academic community is also reflected by the awarding of 5 Doctor Honoris Causa titles by universities in Romania and abroad to UAIC professors. These distinctions represent a recognition of the academic, scientific and institutional contributions of the beneficiaries and confirm the prestige they enjoy in the national and international university environment.

The recognition of scientific performance is found in all areas of research developed within UAIC. Prizes and distinctions have been awarded to researchers in mathematics, physics, chemistry, biology, geography and geology, computer science, economics and business administration, law, psychology and educational sciences, history, philology, philosophy, theology and interdisciplinary research. This distribution highlights the multidisciplinary nature of the research activity and confirms the existence of collectives and areas of excellence with national and international recognition. At the same time, the analysis of the awards awarded to research infrastructures and multidisciplinary teams highlights the consolidation of innovation, technology transfer and capitalization of research results, in line with the university's strategic development directions.

The set of awards, distinctions and titles awarded in the period 2020–2024 demonstrate the existence of a consistent external recognition of the scientific performance of the "Alexandru Ioan Cuza" University of Iași. The 149 forms of recognition identified confirm both the excellence of fundamental research and the relevance of applied research and innovation and technology transfer activities. The diversity of the fields represented and the variety of bodies that have awarded these distinctions reflect the integration of UAIC researchers into the national and international scientific communities and the university's contribution to the development of knowledge and the promotion of academic excellence. The detailed situation of the awards, distinctions and titles is presented in **Annex 7.6**.

8. Strategic development plan for the next 5 years



8.1 The quality and feasibility of the proposed strategic objectives in relation to the mission of the research organisation and the field in which it operates

The analysis of the period 2020–2024 highlights the continuity of UAIC's strategic planning process, based on the mission of education, research, innovation and knowledge transfer and oriented towards strengthening the profile of a university of advanced research and education.

For the next period, the programmatic framework is defined by [the Strategic Plan for Institutional Development 2024–2029](#), developed based on the mission and values of UAIC, institutional evaluation and socioeconomic context. The plan aims to strengthen the academic community and increase the quality and visibility of academic and scientific results.

The strategic objectives are transposed into directions of action for research and innovation, education, internationalization, human resources, financing, digitalization, infrastructure and the relationship with the socio-economic environment. Their linkage to institutional responsibilities and available resources, as well as phased planning, support the coherence and feasibility of implementation.

Correlation of strategic objectives with UAIC's mission

The university's mission is based on academic freedom, academic autonomy, personal merit, public responsibility, equity, intellectual integrity, respect for intellectual property and the assumption of the social role of the institution. [The Strategic Plan](#) translates these values into three general strategic objectives:

1. strengthening the academic community,
2. ensuring balance at the level of strategic and operational management
3. strengthening UAIC's presence in national and international rankings, as an expression of the increase in academic quality.

In the field of research, the institutional vision aims to develop UAIC as a **"university of research excellence and open science"**, through two major directions:

- a. strengthening excellence in research, development, innovation
- b. knowledge transfer, respectively the transition to open science.

These guidelines are in line with the comprehensive character of the university and the need for balanced support of both fundamental research and applied and interdisciplinary research.

For the RDI component, five sectoral objectives have been established:

1. increasing the quality and visibility of research results and capitalizing on them for the benefit of the public and private economic environment;
2. developing a mechanism for evaluating research, researchers and structures in which RDI activities are carried out;
3. revitalising the academic career, developing and maintaining human resources in research and recruiting staff with demonstrated scientific potential;
4. attracting national and international funds for research;
5. strengthening UAIC's attractiveness as a research institution, by expanding collaborations and attracting researchers from the country and abroad.

Through their content, these objectives respond directly to the institutional mission and integrate the main dimensions necessary for the development of a research organization: quality of results, human resources, infrastructure, funding, international cooperation, open science, innovation and transfer to society.

Feasibility of objectives and continuity of institutional development

From the perspective of self-assessment, the objectives for the period 2024–2029 are realistic and sustainable, as the development of capacities already strengthened in the period 2020–2024 continues: RDI infrastructures, the Institute for Interdisciplinary Research, the support structures for projects and technology transfer, participation in competitions and the integration of researchers in national and international networks.

Feasibility is supported by the existing RDI infrastructure and by the orientation of investments towards complementarity of facilities, maintenance and modernization, provision of technical staff and increase the sharing of facilities, in order to efficiently capitalize on investments and avoid redundant developments.

The operational measures aim to:



- supporting careers through internal grants, forming young teams and attracting researchers with international experience;
- stimulating interdisciplinarity and increasing the number of qualified researchers and academic staff;
- the development of the multiannual evaluation, adapted to the areas and principles of CoARA;
- strengthening skills for attracting and managing projects and diversifying funding;
- developing digital tools, open access and mechanisms to promote results;
- expanding collaborations with public and private beneficiaries.

The strategy thus has an evolutionary character, based on the consolidation, integration and increase of the efficiency of the mechanisms and resources already in place.

The SWOT analysis carried out within the self-assessment completes the institutional diagnosis that underpins [the Strategic Plan 2024–2029](#) and highlights the main internal and external factors relevant to the development of the RDI.

SWOT Component	Relevant elements for the development of RDI
Strengths	Academic prestige; comprehensiveness and disciplinary diversity; human resource with recognized expertise; high-performance RDI infrastructures and the Institute for Interdisciplinary Research; consolidated doctoral schools; participation in international networks and consortia; experience in attracting and managing projects.
Weakness	Aging of part of the academic staff; uneven distribution of performance; the need to develop research support staff; insufficient use of some infrastructures; the need to accelerate digitalization, internationalization and capitalization of results.
Opportunities	Horizon Europe and PNCDI IV; the green and digital transition; artificial intelligence and open science; the application for interdisciplinary research and societal impact; the development of the North-East Region as an innovation pole; expanding partnerships with the socio-economic environment.
Threats	Underfunding and unpredictability of RDI funding; demographic pressure; competition and migration of highly qualified human resources; increase in infrastructure costs; superior financial capacity of competing institutions.

The analysis indicates a solid institutional basis for the development of RDI, but also the need to focus on human resources, the use of infrastructures and diversification of funding. The opportunities associated with European programmes, interdisciplinarity and innovation can support the reduction of vulnerabilities and increased institutional competitiveness.

Integration into national and European research directorates

[The Strategic Plan](#) for 2024-2029 explicitly establishes that UAIC's research activities and directions will follow the provisions of the [Horizon Europe 2021–2027 framework program](#), the [National Strategy for Research, Innovation and Smart Specialization 2021–2027](#) and the [National Plan for Research, Development and Innovation 2022–2027 – PNCDI IV](#).

The correlation with the European Research Area is reflected by the orientation towards:

- excellence and scientific impact;
- open science and open access;
- reforming research evaluation through CoARA principles;
- interdisciplinarity and addressing societal challenges;
- mobility and internationalization of human resources;
- infrastructure development and shared use;
- cooperation with the economic environment and knowledge transfer;
- attracting researchers and integrating UAIC into competitive consortia.

The thematic directions developed in the university are part of national and European priorities such as digital transformation, artificial intelligence, green transition, climate change, health and quality of life, biodiversity, advanced materials, economic and social resilience, cultural heritage and regional development. The comprehensive nature of UAIC and the existence of the Institute for Interdisciplinary Research facilitate the establishment of teams capable of responding to calls oriented towards complex missions and challenges.



Human Resources Policy and HRS4R

The human resources policy for research is linked to the principles of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers. The Strategic Plan provides for the recruitment of staff with demonstrated scientific potential, support for the start of careers, the development of young research teams, the attraction of doctoral and postdoctoral fellows, international mobility, training in project management, multiannual evaluation adapted to the fields and the promotion of a balance between experienced researchers and those at the beginning of their careers.

UAIC adhered in 2011 to the principles [of the European Charter for Researchers](#) and the [Code of Conduct](#) and obtained in 2014 the "[HR Excellence in Research](#)" distinction. In the period 2020-2024, the University successively went through the stages of self-evaluation, external evaluation and renewal of the HRS4R strategy, including [the external evaluation visit in 2024](#). Consequently, for the period 2024–2029, the institutional objective is no longer to initiate HRS4R, but to strengthen and update the mechanisms regarding open, transparent and merit-based recruitment, equal opportunities, career development, mobility, integrity and internationalization of RDI human resources.

Feasibility and monitoring of implementation

The feasibility of the strategy results from the correlation of the objectives with concrete directions of action, with the responsible institutional structures and with the financial and operational planning mechanisms. The plan provides for the coherent organization over time of the strategic directions, the stimulation of human resources, the alignment of funding with institutional priorities and the phased development of infrastructure. Monitoring must be carried out through annual operational plans and indicators associated with the main dimensions: quality and impact of results, projects and funding attracted, internationalization, human resources, infrastructures, technology transfer and societal impact.

Strategic objectives and milestones for monitoring (2024–2029)

Strategic objective	Context and directions of action	Monitoring Milestones*
Increasing the quality and visibility of research	Strengthening excellence and competitiveness in the European Research Area	Q1–Q2 publications, citations and bibliometric impact, international collaborations
Attracting competitive financing	Increasing participation in national and European competitions and partnerships	Number and value of projects, success rate, diversification of funding
Human resource development	Attracting, training and supporting researchers	Mobilities, project researchers, doctoral students, postdoctoral fellows, doctoral supervisors
Strengthening RDI infrastructures	Development and efficient use of infrastructures and services	Usage, internal/external users, services and collaborations
Innovation and technology transfer	Capitalizing on results and collaborating with the socio-economic environment	RDI contracts, transfer services, partnerships with the economic and institutional environment
Increasing societal impact	Transfer of expertise and knowledge to society and public administration	Contributions to public policies, expertise, advisory bodies, science communication

* Note: Benchmarks can be associated with indicative operational targets. Any percentage values proposed in the self-assessment are monitoring targets and not indicators explicitly established by the Strategic Plan.

8.2 The degree to which scientific and institutional objectives are correlated with relevant trends in the scientific field of the organization and the needs of society

From the perspective of institutional self-assessment, the scientific and institutional objectives assumed by the "Alexandru Ioan Cuza" University of Iași for the period 2024–2029 are correlated with the developments of research and innovation at national and European level and with the main economic, social, cultural and technological challenges. [The strategy](#) capitalizes on the experience of the 2020–2024 period and aims to strengthen UAIC's position in the European Research Area and in the national research, development and innovation system.



[The Strategic Plan 2024–2029](#) defines as an orientation the development of UAIC as a "university of research excellence and open science", by increasing the quality and visibility of results, developing responsible evaluation mechanisms, supporting research careers, attracting competitive funding, expanding collaborations and capitalizing on results for the benefit of society.

Correlation with relevant research and innovation trends

UAIC's strategic directions are correlated with [Horizon Europe](#), [the National Strategy for Research, Innovation and Smart Specialization 2021–2027](#) and the [National Plan for Research, Development and Innovation 2022–2027 \(PNCDI IV\)](#) and integrate priorities regarding scientific excellence, interdisciplinarity, internationalization, research infrastructures, mobility, open science and knowledge transfer.

These guidelines are convergent with developments in the European Research Area on open science, research review reform, interdisciplinary and cross-sectoral collaboration, and research career development. In this context, UAIC pursues evaluation mechanisms compatible with the CoARA principles, expanding international collaborations and increasing the accessibility of research results.

The comprehensive nature of the University is a strategic advantage. Through the faculties, the 14 doctoral schools and the structures of the Interdisciplinary Research Institute, UAIC can address in an integrated manner topics such as digital transformation and artificial intelligence, climate change and green transition, biodiversity, health and quality of life, advanced materials, information security, socioeconomic resilience, education and cultural heritage. Interdisciplinarity is supported through collaboration between academic structures, joint use of infrastructures, and participation in national and international projects and consortia.

Correlation of objectives with the needs of society

Institutional objectives orient research towards results with economic, social, cultural and environmental relevance. UAIC's contribution takes the form of projects and studies for public authorities and private beneficiaries, RDI services, the participation of researchers in advisory bodies and expert groups, as well as contributions to the development of strategies, public policies and methodologies. The results presented in indicators 6.1, 6.2, 7.3 and 7.4 highlight the mechanisms by which academic expertise is transferred to the administration, the economic environment and the community.

For the period 2024–2029, the aim is to expand partnerships with the socio-economic environment, develop application projects, diversify funding, popularize science and increase the contribution of researchers to substantiate public decisions.

Institutional framework for innovation and technology transfer

UAIC has structures and infrastructures that support the capitalization of research results through innovation, technology transfer and collaboration with the socio-economic environment. An important role is played by the iTRANSFER Technology Transfer Center, which supports the capitalization of results, the protection of intellectual property, the relationship with economic partners and the development of innovation projects.

The infrastructures of ARHEOINVEST, CERNESIM, RAMTECH, RECENT AIR and the other structures of the Institute for Interdisciplinary Research offer equipment, expertise and services for applied research and projects carried out with external partners. The Research as a Service – RaaS-IS model expands users' access to the University's resources and skills.

UAIC's participation in regional and European innovation ecosystems, digital hubs, clusters and smart specialisation structures complements this framework. For the period 2024–2029, the consolidation of iTRANSFER, the expansion of RDI services and contracts, the capitalization of intellectual property and the greater involvement of researchers, doctoral students and postdocs in innovation and technology transfer are planned.

The approach for the establishment of an International Scientific Advisory Council

In order to strengthen the strategic governance of research, UAIC aims to establish an International Scientific Advisory Council, made up of internationally recognized personalities from universities, research institutes and partner organizations.

The Council will have an advisory role on emerging research priorities and areas, internationalization, infrastructure and human resource development, interdisciplinarity and integration of UAIC in European and international initiatives. The approach capitalizes on the experience and



relationships developed within the European EC2U Alliance, Coimbra Group and international research consortia.

Strategic correlation synthesis

The results presented in the report highlight the fact that the development of research, development and innovation within the "Alexandru Ioan Cuza" University of Iași is oriented towards strengthening scientific excellence, developing interdisciplinary research and increasing the societal impact of the results. The institutional directions integrate the principles of open science, digital transformation, development of emerging technologies, green transition and innovation and technology transfer mechanisms.

At the same time, the report confirms the existence of an institutional ecosystem based on complementarity between research infrastructures, human resources, interdisciplinary collaborations and national and international partnerships. The development of RDI services, participation in European academic alliances and networks, as well as the involvement of researchers in the development of studies, expertise and public policies demonstrate the orientation of research towards responding to societal challenges and strengthening the role of the University in the national and European research and innovation ecosystem.

9. Conclusions

The self-assessment of the research, development and innovation activity carried out by the "Alexandru Ioan Cuza" University of Iași in the period 2020–2024 highlights the existence of a consolidated research organization, characterized by a solid institutional capacity, relevant scientific results, international visibility, societal impact and a coherent development strategy, in line with the mission and values assumed by the university.

The analysis of the indicators presented in the report confirms the existence of a mature and coherent institutional framework for the organisation and development of research, development and innovation activities. The institutional evolution in the period evaluated highlights the strengthening of research management mechanisms, the continuous development of research resources and infrastructures, as well as the existence of institutional policies and instruments aimed at supporting performance, interdisciplinary collaboration, internationalization and human resource development. These elements create solid premises for maintaining and developing a competitive research environment, in line with the standards and practices promoted at European level.

The results obtained during the evaluated period reflect the comprehensive and multidisciplinary character of the University. The research activity has resulted in a consistent volume of publications and reference works, research projects funded through national and international competitions, scientific events, innovation and technology transfer results, as well as in a significant contribution to the training of human resources through doctoral studies.

The visibility and international recognition of the research carried out within UAIC are supported by the participation of researchers in international academic and professional bodies, in editorial boards of prestigious journals and publishing houses, in international expert groups and in representative scientific societies, as well as by the university's involvement in university alliances, networks and European research consortia.

The report also highlights the societal relevance of the research carried out within the university. The involvement of researchers in the development of public policies, in advisory bodies and expert groups constituted by public authorities, as well as their contributions to the development of national strategies, to the protection of heritage and the environment, to the modernization of public administration and to the reform of the education system demonstrate UAIC's ability to capitalize on scientific expertise for the benefit of society.

The evaluation of human resources and the activity of doctoral schools confirms the existence of a high-performance academic community, characterized by a high share of highly qualified staff, the strengthening of the body of doctoral supervisors and the existence of institutional mechanisms for career development and promotion of academic integrity, in accordance with the principles of the European Charter for Researchers and the HRS4R Strategy.

The strategic analysis carried out in the report highlights the continuity between the results achieved in the period 2020–2024 and the development directions assumed by the Strategic Plan 2024–2029. The institutional objectives regarding the consolidation of research excellence, the development



strengthening of the body of doctoral supervisors and the existence of institutional mechanisms for career development and promotion of academic integrity, in accordance with the principles of the European Charter for Researchers and the HRS4R Strategy.

The strategic analysis carried out in the report highlights the continuity between the results achieved in the period 2020–2024 and the development directions assumed by the Strategic Plan 2024–2029. The institutional objectives regarding the consolidation of research excellence, the development of RDI infrastructures, internationalization, innovation, technology transfer and increasing societal impact are based on the institutional capacity already built and are correlated with the priorities of the National Strategy for Research, Innovation and Smart Specialization, the Horizon Europe program and the European Research Area.

The results of the self-assessment demonstrate that the "Alexandru Ioan Cuza" University of Iași has the human resources, infrastructure, institutional mechanisms and managerial capacity necessary for the sustainable development of research, development and innovation activities. The coherence between the institutional mission, the performances achieved, the academic and societal impact of the research and the strategic directions assumed constitute the foundation for strengthening the University's position as an institution of advanced research and education and as an active partner of the European Research Area, capable of contributing to the development of knowledge, innovation and responding to the challenges of contemporary society.

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