

## Lista de lucrări – CS Dr. Alin MIHU-PINTILIE

**Rezumat.** Autor și co-autor a **50 articole științifice**, o carte și a **3 capitole de carte** din care: **17 articole științifice** indexate **ISI Web of Science** cu factor de impact, **13 articole științifice** indexate **ISI Web of Science (proceedings ISI)** cu factor de impact nul, **20 articole peer reviewed** indexate în alte baze de date internaționale (BDI), o carte la o editură internațională (Clasa A – CNCS) și alte **3 capitole** de carte publicate sau în curs de publicare în anul curent (2019) la o editură internațională (Clasa A – CNCS).

### A1. Cărți

1. **Mihu-Pintilie A.** (2018). *Natural Dam Lake Cuejdel from Stânișoarei Mountains, Eastern Carpathians. A Limnogeographical Study*. Switerland, **Springer**, pp. 245. ISBN 978-3-319-77212-7, Online ISBN 978-3-319-77213-4, <https://doi.org/10.1007/978-3-319-77213-4>

### A2. Capitole de carte

1. Hzami A., Amrouni O., Romanescu G., Stoleriu C.C., **Mihu-Pintilie A.**, Abdeljaouad S. (2017). *Satellite Images Survey for the Identification of the Coastal Sedimentary System Changes and Associated Vulnerability Along the Western Bay of the Gulf of Tunis (Northern Africa)*. In: Kallel A., Ksibi M., Ben Dhia H., Khélifi N. (eds) *Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions*. EMCEI 2017. Advances in Science, Technology & Innovation. Switerland, Springer, pp. 1627-1630. ISBN 978-3-319-70547-7, [https://doi.org/10.1007/978-3-319-70548-4\\_471](https://doi.org/10.1007/978-3-319-70548-4_471)
2. Trifanov C., **Mihu-Pintilie A.**, Tudor M., Mierla M., Doroftei M., Covaliov S. (2019). *Romanian Danube River Floodplain Functionality Assessment*. In: Negm A.M., Romanescu G., Zelenakova M. (eds), *Water Resources Management in Romania*, Springer International Publishing. (In press 2019). <https://www.springer.com/gp/earth-sciences>
3. Romanescu G., Stoleriu C.C., **Mihu-Pintilie A.** (2019). *Implementation of EU Water Framework Directive (2000/60/CE) in Romania - European Qualitative Requirements*. In: Negm A.M., Romanescu G., Zelenakova M. (eds), *Water Resources Management in Romania*, Springer International Publishing. (In press 2019). <https://www.springer.com/gp/earth-sciences>

### A3. Articole științifice indexate ISI Web of Science cu factor de impact

1. **Mihu-Pintilie A.**, Nicu I.C. (2019), *GIS-based Landform Classification of Eneolithic Archaeological Sites in the Plateau-plain Transition Zone (NE Romania): Habitation Practices vs. Flood Hazard Perception*. Remote Sensing, 11, 915. <https://doi.org/10.3390/rs11080915> **Impact Factor: 3.406**
2. Stoleriu C.C., Romanescu G., **Mihu-Pintilie A.** (2019). *Using single-beam echo-sounder for assessing the silting rate from the largest cross-border reservoir of the eastern Europe: Stanca-Costesti Lake, Romania and Republic Of Moldova*. Carpathian Journal of Earth and Environmental Sciences, 14(1): 83-94. <https://10.26471/cjees/2019/014/061>, **Impact Factor: 0.88**
3. Romanescu G., **Mihu-Pintilie A.**, Ciurte D.L., Stoleriu C.C., Cojoc G.M., Tirnovan A. (2019). *Allocation of flood control Capacity for a multireservoir system. Case study of the Bistrita River (Romania)*. Carpathian Journal of Earth and Environmental Sciences, 14(1): 223-234. <https://10.26471/cjees/2019/014/074>, **Impact Factor: 0.88**
4. Romanescu G., **Mihu-Pintilie A.**, Stoleriu C.C., Carboni D., Paveluc L.E., Cimpianu C.I (2018). *A Comparative Analysis of Exceptional Flood Events in the Context of Heavy Rains in the Summer of 2010: Siret Basin (NE Romania) Case Study*. Water, 10(2), 216. <https://10.3390/w10020216>, **Impact Factor: 2.069**
5. Romanescu G., **Mihu-Pintilie A.**, Carboni D., Stoleriu C.C., Cimpianu C.I., Trifanov C., Pascal M.E., Ghindaoanu B.V., Ciurte D.L., Moisii M. (2018). *The tendencies of hydraulic energy during XXI century between preservation and economic development. Case study: Fagaras Mountains, Romania*. Carpathian Journal of Earth and Environmental Sciences, 13(2): 489-504. <https://10.26471/cjees/2018/013/024>, **Impact Factor: 0.88**
6. Djari M.M.S., Stoleriu C.C., Saley M.B. , **Mihu-Pintilie A.**, Romanescu G. (2018). *Groundwater quality analysis in warm semi-arid climate from Sahel countries: Tillabéri Region, Niger*, Carpathian Journal of Earth and Environmental Sciences, B.M., 13(1): 277 – 290, <https://doi.org/10.26471/cjees/2018/013/024>, **Impact Factor: 0.727**
7. Romanescu G., Chalov S., Stoleriu C.C., **Mihu-Pintilie A.**, Angileri S.E., Kutznetsova Y., Cama M., Maerker M. (2017). *Geomorphologic Map of the 1<sup>st</sup> Mutnaya River, Southeastern Kamchatka, Russia*, Journal of Mountain Science, 14(2): 1-19, <https://doi.org/10.1007/s11629-017-4358-3>, **Impact Factor: 1.016**

8. Romanescu G., Câmpianu I.C., **Mihu-Pintilie A.**, Stoleriu C. C. (2017). *Historic flood events in NE Romania (post-1990)*, *Journal of Maps*, 13(2): 787-798, <http://dx.doi.org/10.1080/17445647.2017.1383944>, **Impact Factor: 2.174**
9. Rău M.A., Plavan G., Strungaru S.A., Nicoara M., Rodriguez-Lozano P., **Mihu-Pintilie A.**, Ureche D., Klimaszyk P. (2017). *The impact of amur sleeper (*Perccottus glenii* Dybowski, 1877) on the riverine ecosystem: food selectivity of amur sleeper in a recently colonized river*, *Oceanological and Hydrobiological Studies*, 46(1): 96-107, <https://doi.org/10.1515/ohs-2017-0010>, **Impact Factor: 0.519**
10. Romanescu G., Pascal M., **Mihu-Pintilie A.**, Stoleriu C. C., Sandu I., Moisii M. (2017). *Water Quality Analysis in Wetlands Freshwater: Common Floodplain of Jijia-Prut Rivers*, *Rev. Chim. (Bucharest)*, 68(3): 553-561, **WOS:000400731900029, Impact Factor: 0.95**
11. **Mihu-Pintilie A.**, Asăndulesei A., Nicu I. C., Stoleriu C. C., Romanescu G. (2016). *Using GPR for assessing the volume of sediments from the largest natural dam lake of the Eastern Carpathians: Cujdel Lake, Romania*, *Environ Earth Sci.* 75:710, <http://dx.doi.org/10.1007/s12665-016-5537-1>, **Impact Factor: 1.77**
12. Romanescu G., Miftode D., **Mihu-Pintilie A.**, Stoleriu C. C., Sandu I. (2016). *Water Quality Analysis in Mountain Freshwater: Poiana Uzului Reservoir in the Eastern Carpathians*, *Rev. Chim. (Bucharest)*, 67(11): 2318-2326, **WOS:000388361900041, Impact Factor: 0.95**
13. Romanescu G., Târnovan A., Sandu I., Cojoc G. M., Breabăn I. G., **Mihu-Pintilie A.** (2015). *Water chemism within the settling pond of Valea Straja and the quality of the Suha water body (Eastern Carpathians)*, *Rev. Chim. (Bucharest)*, 2015, 66(10): 1700-1706, **WOS:000368436300033, Impact Factor: 0.81**
14. Stoleriu C. C., Romanescu G., Romanescu A. M., **Mihu-Pintilie A.** (2015). *Morpho-bathymetrical conditions and the silting rate in Stanca-Costesti reservoir (Romania)*, *Wulfenia Journal*, 22(2): 451-70, **Impact Factor: 0.294.**
15. Romanescu G., Bounegru O., Stoleriu C. C., **Mihu-Pintilie A.**, Nicu C. I., Enea A., Stan C. O. (2015). *The ancient legendary island of PEUCE – myth or reality?*, *Journal of Archaeological Science*, 53(1): 521-35, <https://doi.org/10.1016/j.jas.2014.11.014>, **Impact Factor: 3.061.**
16. Ludu (Oşlobanu) E. L., **Mihu-Pintilie A.**, Aniță D., Aniță A., Lecollinet S., Săvuță G. (2014). *West Nile virus reemergence in Romani: a serologic survey in host species*, *Vector-Borne and Zoonotic Diseases*, N.Y., 14(5): 330-7, <https://doi.org/10.1089/vbz.2013.1405>, **Impact Factor: 2.531**
17. **Mihu-Pintilie A.**, Romanescu G., Stoleriu C. C. (2014). *The seasonal changes of the temperature, pH and dissolved oxygen in the Cujdel Lake, Romania*, *Carpathian Journal of Earth and Environmental Sciences*, B.M., 9(2): 113-23, **WOS:000334903200011, Impact Factor: 0.727**

#### **A4. Articole științifice indexate ISI Web of Science (proceedings ISI) cu factor de impact nul**

1. Romanescu G., **Mihu-Pintilie A.**, Carboni D. *The city-port of Halmyris: an integrated geoarchaeological and environmental approach to the last roman bastion on the eastern flank of the Danubian Limes*. Present environment and sustainable development, 2019, 12(2): 25-45, WOS:000450496600003
2. Istrate V., **Mihu-Pintilie A.**, Lupascu A., Hajdas I., Teleaga E. – *Paleoenvironment data and vegetation history from a small mesotrophic site in the Curvature Subcarpathians. Case study: Ink quaking bog, Romania*. In: GEOBALCANICA Conferences Proceedings, 2019, 4:79–87. <http://geobalcanica.org/>
3. Cimpianu C.I., **Mihu-Pintilie A.** – *Mapping floods using open source data and software – Sentinel-1 and ESA. Snap*. In: GEOBALCANICA Conferences Proceedings, 2018, 4:521–531. <http://geobalcanica.org/>
4. Hutanu E., **Mihu-Pintilie A.**, Urzica A., Albu L.M., Ghindaoanu V.B. (2018). *The use of GIS techniques for obtaining potentially floodable surfaces in the Jijia floodplain*. In: GEOBALCANICA Conferences Proceedings, 2018, 4:473–481. <http://geobalcanica.org/>
5. Urzica A., **Mihu-Pintilie A.**, Hutanu E., Ghindaoanu V.B., Albu L.M. – *Using GIS methods for modelling exceptional flood events in Baeu river basin, NE Romania*. In: GEOBALCANICA Conferences Proceedings, 2018, 4:463–473. <http://geobalcanica.org/>
6. Balazsi A., Pacurar F., **Mihu-Pintilie A.**, Konold W. – *How do public institutions on nature conservation and agriculture contribute to the conservation of species-rich hay meadows?* *Int. J. of Conservation Sci.*, 9(3): 549-564. <http://www.ijcs.uaic.ro/current.html>
7. Romanescu G., **Mihu-Pintilie A.**, Constantin Stoleriu, C. – *The Pond of God: the largest landslide-dammed lake in Romania*. In: *Water resources and wetlands*, Ed.: P. Gâtescu, P. Brețcan, Conferences Proceedings, 2018, 4: 86-94, ISSN 2285-7923. <https://www.limnology.ro/wrw2018/programme.html>
8. A. Cruceanu, G. M. Cojoc, D. G. Cozma, I. Muntele, **A. Mihu-Pintilie** - *Comparativ study of surface waters quality in the hidrographic upper basin of Bistrita river (Romania)*, In: SGEM - Hydrology and Water Resources, Conferences Proceedings, Albena, 2015, ISSN 1314-2704, **WOS:000371663400021.**
9. D. G. Cozma, A. Cruceanu, G. M. Cojoc, **A. Mihu-Pintilie**, I. Muntele - *The factorial analysis of physico-chemical indicators in Bistrita's upper hydrographic basin*, In: SGEM - Hydrology and Water Resources, Conferences Proceedings, Albena, 2015, ISSN 1314-2704, **WOS:000371663400080**
10. **A. Mihu-Pintilie**, M. Paiu, I. G. Breabăn, G. Romanescu – *Status of water quality in Cujdi hydrographic basin from Eastern Carpathian, Romania*, In: SGEM – Hydrology and Water Resources, Conferences Proceedings, Albena, 2014, 14(1): 639-46, ISSN 1314-2704, <https://doi.org/10.5593/sgem2014B31>.

11. **A. Mihu-Pintilie**, G. Romanescu, C. C. Stoleriu, I. C. Nicu, A. Asăndulesei, E. Schmaltz – *Natural dam lakes from Cujejdii watershed (Stânișoarei Mountains) – non-invasive methods used for bathymetric maps*, In: Water resources and wetlands, Ed.: P. Gâstescu, W. Marszelewski, P. Brețcan, Conferences Proceedings, Târgoviște, 2014, 3: 130-7, ISSN 2285-7923. **BCI:BCI201700834368**
12. C. Stoleriu, O. Stoleriu, **A. Mihu-Pintilie** – *Scientific and tourist value of natural dam lakes in the Carpathian Mountains (Romania). Case study: Red, Cujejdii and Iezerul Sadovei Lakes*, In: SGEM – Ecology and Environmental Protection, Conferences Proceedings, Albena, 2014, 14(2): 625-32, ISSN 1314-2704, <https://doi.org/10.5593/sgem2014B31>.
13. I. G. Breabă, M. Paiu, **A. Mihu-Pintilie**, I. Cretescu – *Using multivariate statistical methods to assess drinking water quality from urban water supply in Iași city, Romania*, In: SGEM – Hydrology and Water Resources, Conferences Proceedings, Albena, 2014, 14(1): 815-22, ISSN 1314-2704, <https://doi.org/10.5593/sgem2014B31>.

#### **A5. Articole peer reviewed indexate în alte baze de date internaționale (BDI)**

1. Urzica A., Hutănu E., Pricop C., Mihu-Pintilie A. – GIS modeling from dam reconstruction. Case study: Nichiteni Dam, Botosani County, Conference Proceedings: Air and Water Components of the Environments, 2019, 26, 261-270, [https://doi.org/10.24193/AWC2019\\_26](https://doi.org/10.24193/AWC2019_26)
2. Trifanov C., **Mihu-Pintilie A.**, Mierla M. – *Alteration of the morpho-hydrological conditions of the aquatic complexes adjacent to the Sf. Gheorghe Branch (Danube Delta) as a result of the hydrotechnical works*. Acta Geobalcanica, 2019, 5(2): 93-101 <https://doi.org/10.18509/AGB.2019.11>
3. **Mihu-Pintilie A.**, Stoleriu C.C. – *In Memoriam: Professor Dr. Gheorghe Romanescu*. Acta Geobalcanica, 2019, 5(2): 43-46. <https://doi.org/10.18509/AGB.2019.06>
4. Romanescu, G., Carboni D., **Mihu-Pintilie A.**, Stoleriu, C.C., Efros V. – *Streams and salt-water sources: Ethnomangement, current management and saltscape in the Moldavian area (catchments of Siret and Prut, Romania)*. Acta Geobalcanica, 2018, 4(2): 85-103 : <https://doi.org/10.18509/AGB.2018.10>
5. **A. Mihu-Pintilie**, G. Romanescu – *Morphometric and morphological suitability of the relief from the Crucii Lake basin (Stânișoarei Mountains)*, In: Air and water components of the environment, Conferences Proceedings, Cluj-Napoca, 2011, 3: 305-13, ISSN: 2067-743X.
6. **A. Mihu-Pintilie**, G. Romanescu - *Determining the potential hydrological risk associated to maximum flow in small hydrological sub-basin with torrential character of the river Bahlui*, In: Present environment and sustainable development, Conferences Proceedings, Iași, 2011, 5(2): 255-66, ISSN: 1843-5971.
7. **A. Mihu-Pintilie**, G. Romanescu, C. C. Stoleriu – *Morpho-bathymetric parameters of recess Crucii Lake (Stânișoarei Mountains)*, In: Air and water components of the environment, Conferences Proceedings, Cluj-Napoca, 2012, 4: 445-52, ISSN:2067-743X.
8. G. Romanescu, **A. Mihu-Pintilie**, C. C. Stoleriu, A. M. Romanescu – *Present state of trophic parameters of the main lakes from Siret and Pruth watersheds*, In: Water resources and wetlands, Ed.: P. Gâstescu, W. Lewis Jr., P. Brețcan, Conferences Proceedings, Târgoviște, 2012, 2: 33-8, ISBN 978-606-605-038-8.
9. I. C. Nicu, **A. Mihu-Pintilie** – *Hydro-geomorphological risk analysis models in experimental river basins. Case study: Băiceni-Cucuteni Museum gully (Oii Valley watershed)*, In: Luc. Sem. Geo. "Dimitrie Cantemir", Iași, 2012, 34: 15-22, ISSN 1222-989X.
10. I. Minea, A. Mihu-Pintilie, M. Iosub, O. Hapciuc – *Preliminary evaluation on the ration between the surface and underground river supply in Eastern Romania*, In: Air and water components of the environment, Conferences Proceedings, Cluj-Napoca, 2014, 6: 150-7, ISSN: 2067-743X.
11. **A. Mihu-Pintilie**, G. Romanescu, C. C. Stoleriu, O. Stoleriu - *Ecological features and conservation proposal for the largest natural dam lake in the Romanian Carpathians – Cujejdii Lake*, Int. J. of Conservation Sci., 2014, 5(2): 243-52, ISSN 2067-533X.
12. R. G. Pîrnău, **A. Mihu-Pintilie**, G. Bodi, A. Asăndulesei – *Ground Penetrating Radar as noninvasive method used in soil science and archaeology*, Soil Forming Factors and Processes from the Temperate Zone, 2014, 13: 15-31, Online: [www.soilscience.ro](http://www.soilscience.ro)
13. **A. Mihu-Pintilie**, Gheorghe Romanescu, Cristian Constantin Stoleriu, Iuliana Gabriela Breaban - *Physico-Chemical Parameters in Mountain Freshwater: Cujejdii River from Eastern Carpathians, Romania*, Key Engineering Materials, 2015, 660: 257-261
14. **A. Mihu-Pintilie**, A. Asăndulesei, C.C. Stoleriu, G. Romanescu - GIS methods for assessment of hydrogeomorphic risk and anthropogenic impact which affect the archaeological sites. Case study: Dealul Mare archaeological site, Moldavian Plateau (Romania), Acta Geobalcanica (2016) 2(1):35-43, DOI: <http://dx.doi.org/10.18509/AGB.2016.04>
15. M. Pascal, G. Romanescu, **A. Mihu-Pintilie**, C.C. Stoleriu – *Wetlands landscape changes in common floodplain of Jijia-Prut rivers analyzing the variation of water body surfaces*, In: Water resources and wetlands, Ed.: P. Gâstescu, P. Brețcan, Conferences Proceedings, 2016, 3: 198-205, ISSN 2285-7923
16. Romanescu G., **Mihu-Pintilie A.**, Trifanov C., Stoleriu C.C. - The variations of physico-chemical parameters during summer in Lake Erenciuc from the Danube Delta (Romania), Limnological Review, 2018, 18(1): 21-29, <https://doi.org/10.2478/limre-2018-0003>

17. C. D. Lesenciuc, A. Mihu-Pintilie, I. C. Nicu, D. Condorachi – Caracteristici geomorfologice ale lacului Iezer din Obcina Feredeului, In: Resursele de apă din România. Vulnerabilitate la presiunile antropice, Ed.: P. Gâstescu, P. Brețcan, Târgoviște, 2010, 1: 283-8, ISBN 978-606-8042-65-7.
18. Mihu-Pintilie, C. Stoleriu, G. Romanescu - Lacul de baraj natural Cujdel din Munții Stânișoarei, Luc. Sim. Nat. Geo., Târgu Neamț, 2014, ISBN 978-973-0-16441-1.
19. G. Romanescu, C. C. Stoleriu, A. Mihu-Pintilie - Lacul de baraj natural Roșu din Munții Hășmaș, Luc. Sim. Nat. Geo., Târgu Neamț, 2014, ISBN 978-973-0-16441-1.
20. R. G. Pirnau, B. Roșca, C. V. Patriche, A. Asăndulesei, G. Bodi, A. Mihu-Pintilie - Contribuții ale pedologiei la reconstituirea peisajului arheologic preistoric: proiectul PROSPECT, Luc. Simp. Nat. "Conexiuni interdisciplinare în geostiințe", Vol. omagial, 59-62, <http://home.acadiasi.ro>

Mai 2019, Iași – România  
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