



LISTĂ DE LUCRĂRI

a). În reviste cotate *Web of Science* cu factor de impact

1. Romanescu Gh., Hapciuc O.E., Sandu I., Minea I., Dascală D., **Iosub M.** 2016, *Quality indicators for Suceava river*, Revista de Chimie, vol. 67(2), 245 – 249 **IF: 1.232, AIS: 0.057**
http://www.revistadechimie.ro/article_eng.asp?ID=4851
2. Romanescu Gh., **Iosub M.**, Sandu I., Minea I., Enea A., Dascală D., Hapciuc O.E. 2016, *Spatio-temporal analysis of the water quality of the Ozana river*, Revista de Chimie, vol 67(1), 42 – 47 **IF: 1.232, AIS: 0.057**
http://www.revistadechimie.ro/article_eng.asp?ID=4807
3. Enea A., Hapciuc O.E., **Iosub M.**, Romanescu Gh., *Water quality assessment for the mountain region of Eastern Romania*, Environmental Engineering and Management Journal, 2017, vol. 16, nr. 3, 605-614 p. **IF: 1.334, AIS: 0.086**
http://www.eemj.icpm.tuiasi.ro/pdfs/vol16/no3/11_102_Enea_16.pdf
4. Romanescu Gh., Hapciuc O.E., Minea I., **Iosub M.** 2018, *Flood vulnerability assessment in the mountain-plateau transition zone. Case study for Marginea village (Romania)*, Journal of Flood Risk Management, 11, pp. S502-S513, DOI: 10.1111/jfr3.12249, **IF: 2.483, AIS: 0.653**
<https://onlinelibrary.wiley.com/doi/abs/10.1111/jfr3.12249>

b). În volume ale conferințelor indexate *Web of Science* fără factor de impact

1. **Iosub M.**, Enea, A., Hapciuc, O. E., Romanescu, G., Minea I., 2014, *Flood risk assessment for the Ozana river sector corresponding to Leghin village, Romania*, 14th SGEM GeoConference on Water Resources. Forest, Marine And Ocean Ecosystems, SGEM2014 Conference Proceedings, Vol. 1, 315-322 p., DOI: 10.5593/sgem2014B31;
<http://sgem.org/sgemlib/spip.php?article4375>
2. **Iosub M.**, Iordache I., Enea A., Romanescu G., Minea I., 2015, *Spatial and temporal analysis of dry/wet conditions in Ozana drainage basin, Romania using the Standardized Precipitation Index*, International Multidisciplinary Scientific GeoConference – SGEM, Albena, Bulgaria, 585-592 p., DOI: 10.5593/SGEM2015/B31/S12.075;
<http://www.sgem.org/sgemlib/spip.php?article5979>
3. Verdeanu A., **Iosub M.**, Enea A., Romanescu G., 2015, *An application of GIS for identifying new, potential railway routes in the central and southern divisions of the Eastern Carpathian Mountains, Romania*, International Multidisciplinary Scientific GeoConference – SGEM din Albena, Bulgaria, DOI: 10.5593/SGEM2015/B22/S11.082;
<http://www.sgem.org/sgemlib/spip.php?article5828>
4. Albu M., Enea A., Romanescu G., **Iosub M.**, Stoleriu C. C., 2015, *Polarization areas of lakes, as quantitative water resources*, 15th International Multidisciplinary Scientific



GeoConference SGEM2015 Conference Proceedings, June 18-24, 2015, Book3 Vol. 1, 509-516 pp

<https://sgemworld.at/sgemlib/spip.php?article5969>

5. Enea A., Romanescu G., Stoleriu C.C., **Iosub M.**, Albu M., 2015, *Evolution of river meandering and sinuosity ratio in Tazlău river basin, Romania*, 15th International Multidisciplinary Scientific GeoConference SGEM 2015, SGEM2015 Conference Proceedings, vol. 1, Hydrology and Water Resources, 285-292 p.; DOI: 10.5593/SGEM2015/B31/S12.037;

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6. **Iosub M.**, Tomașciuc A.I., Hapciuc O.E., Enea A., 2016, *Flood risk analysis in Suceava city, applied for it's main river course*, Geobalcanica 2nd International Scientific Conference, Physical Geography; Cartography; Geographic Information Systems & Spatial Planing, 111 – 118 p., DOI:<http://dx.doi.org/10.18509/GBP.2016.15>

<http://geobalcanica.org/wp-content/uploads/GBP/2016/GBP.2016.15.pdf>

7. Albu M., Stoleriu C.C., Enea A., **Iosub M.**, Hapciuc O.E., Romanescu G., 2016, *Geomorphologic risk assessment in Tecucel drainage basin, using GIS techniques*, Proceedings, 2nd International Scientific Conference Geobalcanica 2016, 10-12 June, 2016, Skopje, Republic of Macedonia, 95-102 p., DOI:<http://dx.doi.org/10.18509/GBP.2016.13>.

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8. Hapciuc O.E., **Iosub M.**, Tomașciuc A.I., Minea I., Romanescu Gh., 2016, *Identification of the potential risk areas regarding the floods occurrence within small mountain catchments*, Geobalcanica 2nd International Scientific Conference, Physical Geography; Cartography; Geographic Information Systems & Spatial Planing, 177 -183 p., DOI:<http://dx.doi.org/10.18509/GBP.2016.24>

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9. I. Iordache, A. Ursu, A. Liviu, M. Iosub, V. Istrate, 2016, *Using MODIS imagery for risk assessment in the cross-border area Romania-Republic of Moldova*, 16th International Multidisciplinary Scientific GeoConference SGEM 2016, SGEM2016 Conference Proceedings, vol. 2, Photogrammetry and remote sensing, 1075-1082 p, ISBN 978-619-7105-59-9 / ISSN 1314-2704, DOI: 10.5593/SGEM2016/B22/10.137;

<https://sgemworld.at/sgemlib/spip.php?article8425>

10. Minea I., **Iosub M.**, Hapciuc O.E., Buruiană D., *Identification of the potential flash flood risk areas in the Moldavian Plain (Romania)*, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, Conference Proceedings, ISBN 978-619-7408-04-1 / ISSN 1314-2704, 29 June - 5 July, 2017, Vol. 17, Issue 31, 403-410 pp, DOI: 10.5593/sgem2017/31/S12.051

<https://sgemworld.at/sgemlib/spip.php?article9730>



c). Articole științifice publicate *in extenso* în reviste internaționale

1. **Iosub M.**, Lesenciuc D., 2012, *Hydrological risk characteristics of the Ozana river valley*, Present Environment and Sustainable Development, Editura Universității, vol. 6, nr. 2, Iași, 207 - 220 p.
<http://pesd.ro/articole/nr.6/2/19HRCOTORV15102012207220.pdf>
2. Sfică L., Andrei A., Bărcăcianu F., Cojocaru Ș., Enea A., Hapciuc O.E., **Iosub M.**, Ichim P., 2012, *Analysis of snow-drifting vulnerability. Application to Botoșani country*", Lucrările Seminarului Geografic Internațional "Dimitrie Cantemir", nr. 36, Iași, 1-10 p.
<http://www.seminarcantemir.uaic.ro/index.php/cantemir/article/view/907/883>
3. Minea I., Mișu-Pintilie A., **Iosub M.**, Hapciuc O.E., 2014, *Preliminary evaluation on the ratio between the surface and underground river supply in eastern Romania*, Aerul și apa componente ale mediului, Edit. Presa Universitară Clujeană, Cluj-Napoca, 150-156 p., ISSN: 2067-743X,
<http://aerapa.conference.ubbcluj.ro/>
4. Enea A., Romanescu Gh., **Iosub M.**, Stoleriu C.C., Hapciuc O.E., 2014, *The relationship between the morphometric characteristics and river network of the Tazlău river basin, hierarchised according to the Horton-Strahler System*, Water resources and wetland, 59 – 66 p., ISSN: 2285 – 7923,
http://www.limnology.ro/water2014/proceedings/7_Enea.pdf
5. Hapciuc O.E., Minea I., **Iosub M.**, Romanescu G., 2015, *The role of the hydro-climatic conditions in causing high floods in the Sucevita river catchment*, Aerul și apa componente ale mediului, Edit. Presa Universitară Clujeană, Cluj-Napoca, 201-209 p. , ISSN: 2067-743X, DOI: [10.17378/AWC2015_27](https://doi.org/10.17378/AWC2015_27)
<http://aerapa.conference.ubbcluj.ro/>
6. **Iosub M.**, Minea I., Hapciuc O., Romanescu G., 2015, *The use of HEC-RAS modelling in flood risk analysis*, Aerul și apa componente ale mediului, Edit. Presa Universitară Clujeană, Cluj-Napoca, pag. 315-322, ISSN: 2067-743X, DOI: [10.17378/AWC2015_42](https://doi.org/10.17378/AWC2015_42),
<http://aerapa.conference.ubbcluj.ro/>
7. **Iosub M.**, Iordache I., Enea A., Hapciuc O., Romanescu G., Minea I., 2016, *Drought analysis in Ozana drainage basin*, Aerul și apa componente ale mediului, 392-399 p.
<http://aerapa.conference.ubbcluj.ro/>
8. Enea A., Albu L.M., **Iosub M.**, Urzica A., 2018, *Comparative, multi-parameter modelling, at a basinal and sub-basinal level, for flood vulnerability, in Tecucel watershed*, Geobalcanica 4nd International Scientific Conference, Physical Geography; Cartography; Geographic Information Systems & Spatial Planing, 549-558 pp.
<http://geobalcanica.org/wp-content/uploads/GBP/2018/GBP.2018.60.pdf>



9. **Iosub M.**, Enea A., Albu L.M., Minea I., Chelariu O.E., 2018, *Identifying flood-prone risk areas, using GIS. Case study: Ozana drainage basin, Romania*, Geobalcanica 4nd International Scientific Conference, Physical Geography; Cartography; Geographic Information Systems & Spatial Planing, 531-539 pp.

<http://geobalcanica.org/wp-content/uploads/GBP/2018/GBP.2018.58.pdf>

10. Enea A., **Iosub M.**, Stoleriu C.C., Ursu A., Romanescu G., 2018, *The drone - a methodological tool, for generating base layers in GIS*, Geobalcanica 4nd International Scientific Conference, Physical Geography; Cartography; Geographic Information Systems & Spatial Planing, 513-520 pp.

<http://geobalcanica.org/wp-content/uploads/GBP/2018/GBP.2018.56.pdf>

11. Albu L.V., Enea A., Stoleriu C.C., **Iosub M.**, Romanescu G., Hutanu E., 2018, *Evaluation of the propagation time of a theorethical flood wave in the case of the breaking of Catamarasti Dam, Botosani (Romania)*, Geobalcanica 4nd International Scientific Conference, Physical Geography; Cartography; Geographic Information Systems & Spatial Planing, 497-504 pp.

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d). Publicații în volumele unor conferințe internaționale sub formă de abstract

1. Enea A., Hapciuc O.E., **Iosub M.**, Minea I., Romanescu Gh., *Water quality assessment for the mountain region of Eastern Romania*, 8th International Conference on Environmental Engineering and Management, Book of Abstracts, 2015, pp. 83 – 84.

2. Hapciuc O.E., **Iosub M.**, Enea A., Romanescu Gh. 2016, *Analyse spatiale de la gestion d'évacuation en cas d'inondations. Étude de cas: le bassin de la Sucevița, Roumanie*, Le 3e colloque de l'AFGP "La géographie physique et les risques de pertes et prejudices lies aux changements climatiques" 19 – 21 mai 2016, Sassari, Italia, pp. 34;

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3. **Iosub M.**, Hapciuc O.E., Enea A., Romanescu Gh, 2016, *Identification du temps de concentration et détermination du coefficient d'écoulement de petits bassins versants. Étude de cas: le bassin de la Ozana situé à l'est des Carpates Orientales*, Le 3e colloque de l'AFGP "La géographie physique et les risques de pertes et prejudices lies aux changements climatiques" 19 – 21 mai 2016, Sassari, Italia, pp.32-33;

<http://www.afgp-sardaigne2016.fr/index.php?page=resume>

4. Enea A., Romanescu Gh., Stoleriu C.C., **Iosub M.**, Hapciuc O.E. 2016, *Techniques modernes d'analyse de la morphométrie à l'aide du drone en situations de risque. Étude de cas: le barrage de Belci*, Le 3e colloque de l'AFGP "La géographie physique et les risques de pertes et prejudices lies aux changements climatiques" 19 – 21 mai 2016, Sassari, Italia, pp. 23.

<http://www.afgp-sardaigne2016.fr/index.php?page=resume>

5. Enea A., Gheorghe Romanescu, Cristian Constantin Stoleriu, **Iosub M.**, Iuliana Gabriela Breabăn, 2018, *An automated, multi parameter, DEM-based flood risk watershed model for mountainous regions, using ARCGIS (model builder)*, 12th International Conference



environmental Legislation, Safety Engineering and Disaster Management, ELSEDIMA 2018 Conference, 17-19 mai 2018, Cluj-Napoca, Romania, 59 pp.

6. Enea A., Ursu A., Stoleriu C.C., **Iosub M.**, Jitariu V., 2018, *Remote sensing in hydromorphological analysis of natural dam lakes. Case study: Chiojdeni landslide, Romania*, The 13th Edition of Present Environment and Sustainable Development International Symposium, 1-3 iunie, Iași, Romania, pp. 36 – 37.

7. Minea I., **Iosub M.**, Chelariu E.-O., Boicu D., 2018, *Human impact on water resources in Eastern Romania*, The 13th Edition of Present Environment and Sustainable Development International Symposium, 1-3 iunie, Iași, Romania, pp. 64 – 65.

8. Minea I., Hapciuc O.E., **Iosub M.**, Croitoru A.E., 2018, *Climate changes and water resources in eastern part of Romania*, International Conference 4th Water resources and wetlands, 5-9 September, Tulcea, Romania [Book of Abstracts, 2018, pp. 64.](#)

9. Albu L.M., Stoleriu C.C., Enea A., **Iosub M.**, Hapciuc O.-E., Romanescu G., 2018, *GIS implementation on flood analysis for Tecucel River (Romania)* International Conference 4th Water resources and wetlands, 5-9 September, Tulcea, Romania [Book of Abstracts, 2018, pp. 87.](#)

10. Boicu D., Chelariu E.-O., **Iosub M.**, Minea I., 2018, *Determining the groundwater recharge capacity using the AHP method -Case study: The Moldavian Plain*, Lucrările Seminarului Geografic Internațional "Dimitrie Cantemir", Editia a XXXVIII-a 19-21 octombrie 2018, Iași, Program, 2018, pp. 28.

11. Racariu V., Urzică A., Albu L.V., Enea A., **Iosub M.**, Stoleriu C.C., *Educational management, using web instruments. Case study: "GISTURIS" student club website*, Lucrările Seminarului Geografic Internațional "Dimitrie Cantemir", Editia a XXXVIII-a 19-21 octombrie 2018, Iași, Program, 2018, pp. 59.

Dr. IOSUB M.