



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**)
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**)
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**)
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: 3.24, AIS: 0.682**) – Q2
5. **Iosub M.**, Minea I., Chelariu O.E., Ursu A. 2020, *Assessment of flash flood susceptibility potential in Moldavian Plain (Romania)*, *Journal of Flood Risk Management*, Article Number: e12588, 13(4), DOI:10.1111/jfr3.12588, (**IF: 3.884, AIS: 0.757**) (drepturi egale) – Q1
6. Albu L.-M., Enea A., **Iosub M.**, Breabăn I.-G., 2020, *Dam Breach Size Comparison for Flood Simulations. A HEC-RAS Based, GIS Approach for Drăcșani Lake, Sitna River, Romania*, *Water*, 12(4), 1090. <https://doi.org/10.3390/w12041090>, (**IF: 3.103, AIS: 0.5**) (drepturi egale) – Q2
7. Minea I., **Iosub M.**, Boicu D., 2020, *Groundwater Resources from Eastern Romania under Human and Climatic Pressure*, *Sustainability*, 12(24), 10341 <https://doi.org/10.3390/su122410341>, (**IF: 3.251, AIS: 0.462**) (drepturi egale) – Q2
8. Minea, I., **Iosub, M.**, & Boicu, D. (2021). *Multi-scale approach for different type of drought in temperate climatic conditions*. *Natural Hazards*, 1-25. <https://doi.org/10.1007/s11069-021-04985-2> (**IF: 3.158, AIS: 0.687**) (autor corespondent) – Q2
9. Minea I., Boicu D., Chelariu O.E., **Iosub M.**, Enea A., 2022. *Assessment of recharge capacity potential of groundwater using comparative Multi-Criteria Decision Analysis approaches*, *Journal of Geographical Sciences*, 32(4):735-756. (**IF: 4.012, AIS: 0.686**) (drepturi egale)
10. Minea I, Boicu D, Amihăiesei V and **Iosub M** (2022) *Identification of Seasonal and Annual Groundwater Level Trends in Temperate Climatic Conditions*. *Front. Environ. Sci.* 10:852695. doi: 10.3389/fenvs.2022.852695 (**IF: 5.411, AIS: 1.165**) – Q2
11. Enea, A., Iosub, M., & Stoleriu, C. C. (2023). *A Low-Cost, UAV-Based, Methodological Approach for Morphometric Analysis of Belci Lake Dam Breach, Romania*. *Water*, 15(9), 1655. (**IF: 3, AIS: 0.529**) (drepturi egale) – Q2
12. Jitariu, V., Ichim, P., **Iosub, M.** (2023) *Spatial dynamics and changes in northeastern Romania's orchard landscape over the last century*. *Present Environment & Sustainable Development*, 17(1), 183-201. (**IF: 0.7, AIS: 0.057**)
13. Albulescu, A. C., Minea, I., Larion, D., Iosub, M., & Boicu, D. (2023). *Mapping over 80 years of wetland sensitivity to human intervention. The spatial dynamics of the lakes and wetlands of the Jijia-Iași Wetlands Ramsar Site in 1935–2018*. *Journal of Environmental Engineering and Landscape Management*, 31(4), 275-287. (**IF: 1.3, AIS: 0.309**)
14. Covaci, O.; Gazda, M.R.; Niga, B.I.; Enea, A.; **Iosub, M.**; Tirnovan, A. (2023) *Automation of the Rational Formula using GIS infrastructure – Case study Siret River Basin – Romania*, *Present Environment & Sustainable Development*, 17(2). (**IF: 0.7, AIS: 0.057**)
15. Enea, A., Stoleriu, C. C., **Iosub, M.**, & Niacsu, L. (2024). *A GIS Automated Tool for Morphometric Flood Analysis Based on the Horton–Strahler River Classification System*. *Water*, 16(4), 536. (**IF: 3, AIS: 0.529**) – Q2
16. Minea, I., Chelariu, O. E., Boicu, D., & **Iosub, M.** (2025). *An integrated approach to social vulnerability assessment of groundwater resources in the Moldavian Plain under temperate climatic conditions*. *Journal of Hydrology: Regional Studies*, 58, 102308 (**IF: 4.7, AIS: 0.943**) – Q1.

**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., ISBN 978-619-7105-13-1, ISSN 1314-2704, DOI: 10.5593/sgem2014B31;
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., ISBN 978-619-7105-36-0/ISSN 1314-2704, DOI: 10.5593/SGEM2015/B31/S12.075;
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, ISBN 978-619-7105-35-3 / ISSN 1314-2704, DOI: 10.5593/SGEM2015/B22/S11.082;
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, ISBN 978-619-7105-36-0 / ISSN 1314-2704, June 18-24, 2015, Book3 Vol. 1, 509-516 pp
5. Enea A., Romanescu G., Stoleriu C.C., **Iosub M.**, Albu M., 2015, *Evolution of river meandering and sinuosity ratio in Tazlau 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;
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>;
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>;
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>;
9. 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;
10. Hapciuc, O. E., Romanescu, G., Minea, I., Iosub, M., Enea, A., & Sandu, I. (2016). *Flood susceptibility analysis of the cultural heritage in the Sucevita catchment (Romania)*. International Journal of Conservation Science, 7(2), 501-510.
11. 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
12. 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.;
13. **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, 531-539 pp.;



14. 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.
15. Albu L.M., Enea A., Cristian-Constantin Stoleriu, **Iosub M.**, Romanescu G., Hutanu Elena, 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.
16. Minea I., Boicu D., **Iosub M.**, Chelariu O.E., 2020, *Groundwater Drought Evolution in North-Eastern Part of Romania*, Geobalcanica 6nd International Scientific Conference, Physical Geography; Cartography; Geographic Information Systems & Spatial Planing Ohrid, Macedonia, 55-60 pp., DOI: <http://dx.doi.org/10.18509/GBP.2020.06>.

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.
2. Sfică L., Andrei A., Bărcăcianu F., Cojocar Ş., 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.
3. Minea I., Mihai-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,
4. Enea A., Romanescu G., **Iosub M.**, Stoleriu 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,
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)
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),
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. **Iosub M.**, Enea A., Mine I., *Flash flood impact on the cultural heritage in Moldova Region, Romania, Case study: Jijia valley*, 19th International Multidisciplinary Scientific GeoConference SGEM 2019, Albena, Bulgaria, Conference Proceedings, ISBN 978-619-7408-80-5 / ISSN 1314-2704, vol. 19, Book 2.2, 839-846 pp., DOI: 10.5593/sgem2019/2.2/S11.103
9. Enea A., **Iosub M.**, Albu L.M., Urzică A., Stoleriu P.A., *Multi-criterial GIS analysis for identifying optimum location for vineyard placement. Case study: Moldova Region, Romania*, 19th International Multidisciplinary Scientific GeoConference SGEM 2019, Albena, Bulgaria, Conference Proceedings, ISBN 978-619-7408-80-5 / ISSN 1314-2704, vol. 19, Book 2.2, 931-938 pp., DOI: 10.5593/sgem2019/2.2/S11.115;
10. Boicu D., **Minea I.**, Chelariu O.E., Iosub M., 2019, *Evaluation on groundwater recharges capacity using AHP method. Case study: the Moldavian Plain*, Aerul și apa componente ale mediului, Edit. Presa Universitară Clujeană, Cluj-Napoca, pag. 181-188, ISSN: 2067-743X
11. Minea, I.; Boicu, D.; **Iosub, M.**; Chelariu, O.-E.; Solomon, B., 2020, *Long-Term Trends in Rivers Flow from North-Eastern Part of Romania*, 20th International Multidisciplinary Scientific GeoConference SGEM 2020, Albena, Bulgaria, Conference Proceedings, ISBN 978-619-7408-80-5/ISSN 1314-2704, vol. Hydrology and Water Resources, 225-232, 10.5593/sgem2020/3.1/s12.030



12. Minea I., Boicu D., **Iosub M.**, Chelariu O.E., Enea A. 2020. *Groundwater drought evolution in north-eastern part of Romania*, International Scientific Conference Geobalcanica 2020, 55-60, doi.org/10.18509/GBP.2020.06;
13. Enea A., Albu L.M., **Iosub M.**, Niacsu L., Stoleriu C.C., 2020, *Wildfire Impact Assessment on the Inhabited Areas and The Environment. Case Study: Central Greece and Thessaly*, 20th International Multidisciplinary Scientific GeoConference SGEM 2020, Albena, Bulgaria, Conference Proceedings, ISBN 978-619-7408-80-5 / ISSN 1314-2704, vol. Photogrammetry and Remote Sensing, 293-300, 10.5593/sgem2020/2.2/s10.035
14. Minea I., Boicu D., **Iosub M.**, Chelariu O.E. 2021. *Groundwater level trend in the last decades in north-eastern - part of Romania*, International Scientific Conference Geobalcanica 2021, 75-83, doi.org/10.18509/GBP210075i.
15. Minea I., Boicu D., **Iosub M.** 2021. *Hydrogeological drought between natural phenomenon and social vulnerability*, International Multidisciplinary Scientific GeoConference on Water resources, Forest, Marine and Ocean Ecosystems, Conference Proceedings, Volume I, Hydrology and Water Resources, SGEM 2021, vol. 21 (in press).
16. Boicu D., Minea I., **Iosub M.** 2021. *The variation of groundwater in northeastern Romania in the last 3 decades - Case study: Moldova plain*, International Multidisciplinary Scientific GeoConference on Water resources, Forest, Marine and Ocean Ecosystems, Conference Proceedings, Volume I, Hydrology and Water Resources, SGEM 2021, vol. 21 (in press).

d) Publicații apărute în reviste indexate Web of Science sub forma de editorial

1. **Iosub M.**, Enea A. Flood Early Warning and Risk Modelling. Hydrology. 2022; 9(4):57. <https://doi.org/10.3390/hydrology9040057>

e) Capitole de cărți publicate în edituri din străinătate

1. Minea I., **Iosub M.**, Enea A., Boicu D., Chelariu O.E., 2022, Hydrological Extremes Anomalies and Trends in Lower Danube Basin: Case Study—Romanian Drainage Area Between Siret and Prut Rivers. In *The Lower Danube River*; Editors: Negm A., Zaharia L., Toroimac G.I.; Springer Cham, ISSN 2730-6674; pp. 381-401. <https://doi.org/10.1007/978-3-031-03865-5>

e) Cărți publicate în edituri din țară

1. Minea I., Hapciuc O.E., **Iosub M.**, Boicu D., 2019, *Hidrologia mediilor continentale: aplicații practice 2.0*, Editura Transversal, 165 p.
2. C. C. Stoleriu, A. Enea, **M. Iosub**, "Atlasul vulnerabilității morfometrice la inundații din România", Editura Terra Nostra, Iasi, 2023, 98 pagini, ISBN 978-606-623-163-3

f) Volume coordonate în regim internațional

1. Special Issue MDPI - "Flood Early Warning and Risk Modelling" Jurnalul "Hydrology", MDPI, aprilie 2022, Editori coordonatori: **Iosub Marina**, Enea Andrei, nr. pagini: 120, ISBN: 978-3-0365-3778-8 (Hbk); ISBN: 978-3-0365-3777-1 (PDF) <https://doi.org/10.3390/books978-3-0365-3777-1>; https://www.mdpi.com/journal/hydrology/special_issues/flood_risk_modelling

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Semnătura