


Project member	Research Assistant PhD Marina IOSUB	
Role in project	Post-doctoral researchers	

Professional experience:

- 2019 – present: **PhD Research Assistant** Interdisciplinary Research Institute, CERNESIM, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași, Romania;
- 2014 – present: **Associate Teacher** at Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași, Romania;
- 2017 – 2020: **GIS specialist** in the project: "Elaborarea Planurilor de management pentru ariile protejate ROSPA0109 Acumulările Belcești, ROSCI0222 Sărăturile Jijia Inferioară, Prut, ROSPA0042 Elestele Jijiei și Miletinului și 2.553. Balta Teiva Vișina" and between 2017 and 2018 in the project: „Management eficient in siturile Natura 2000: ROSCI0276 Albesti, ROSCI0417 Manoleasa, ROSCI 0317 Cordareni- Vorniceni si ROSCI 0234 si rezervatia Stanca Costești, Județul Botoșani”.

Studies:

- PhD in Geography, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași, PhD thesis title: *Identifying areas of flood risk in the Ozana hydrographic basin* (2013-2017);
- Masters Degree, Natural Risk and Territorial Planning Specialization – Geography Domain, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași (2011-2013);
- Licence Degree, Geography Specialization –Geography Domain, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași (2008-2011).

Competences:

GIS applied in hydrological risk assessment, through different methods, statistical occurrence probabilities, water quality parameters and hydro-climatic statistical analysis on droughts

Representative published articles:

1. 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, <https://onlinelibrary.wiley.com/doi/abs/10.1111/jfr3.12249>.
2. **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, DOI:10.1111/jfr3.12588, <https://onlinelibrary.wiley.com/doi/full/10.1111/jfr3.12588>.
3. 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>, <https://www.mdpi.com/2073-4441/12/4/1090>.