**Curriculum vitae**
**Europass**

**Informaţii personale**


| | |
|---|---|
| Nume / Prenume | **IOSUB Marina** |
| Adresă | Târgu Neamţ (România) |
| Telefon | +40747581497 |
| E-mail | iosub.marina@gmail.com |
| Naţionalitate | română |
| Data naşterii | 22.02.1989 |
| Sex | Feminin |
| Adresa ORCID | https://orcid.org/0000-0001-5894-4555 |
| **Hirsh Web of Science** | **9** |
| **Hirsh Scopus** | **10** |
| **Hirsh Google Scholar** | **12** |


**Experienţa profesională**

| | |
|---|---|
| Perioda | Septembrie 2022 - prezent |
| Funcţia sau postul ocupat | **Asistent universitar în departamentul Geografie**, din cadrul Facultății de Geografie și Geologie, Universitatea "Alexandru Ioan Cuza" din Iași. |
| Perioda | Februarie 2022 – Septembrie 2022 |
| Funcţia sau postul ocupat | **Cercetător științific în departamentul CERNESIM** (*Centrul Integrat de Studii în Știința Mediului pentru Regiunea de Dezvoltare Nord-Est*) din cadrul Institutului de Cercetare Interdisciplinar (**ICI**) al Universității "Alexandru Ioan Cuza" din Iași. |
| Perioda | Februarie 2019 - Februarie 2022 |
| Funcţia sau postul ocupat | **Asistent cercetător științific în departamentul CERNESIM** (*Centrul Integrat de Studii în Știința Mediului pentru Regiunea de Dezvoltare Nord-Est*) din cadrul Institutului de Cercetare Interdisciplinar (**ICI**) al Universității "Alexandru Ioan Cuza" din Iași. |
| Perioda | Aprilie 2023 - Iunie 2023 |
| Funcţia sau postul ocupat | **Expert mediu abiotic** în cadrul proiectului "*Servicii pentru realizarea studiilor suport, a hărților necesare și a planului de management în cadrul proiectului POIM 2014- 2020 - Managementul biodiversității prin realizarea planului de management al ariei naturale protejate ROSPA0065 Lacurile Fundata Amara" SMIS 124414."* |
| Numele şi adresa angajatorului | Societatea Ornitologică Română, București |

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|---|---|
| Perioda | Ianuarie 2022 - decembrie 2024 |
| Funcţia sau postul ocupat | **Director pentru proiectul de cercetare** *Evaluarea cantitativa a fenomenului de rupere a unui iaz de decantare si consecințele asupra mediului*, cod proiect GI-UAIC-2022-06, UAIC, Facultatea de Geografie si Geologie |
| Perioda | Septembrie 2019 – Aprilie 2024 |
| Funcţia sau postul ocupat | **Membru in proiectul de cercetare** *Evaluarea susceptibilității mediilor de apă dulce la poluarea cu deșeuri din plastic*, acronim SAFE-PP, cod proiect PN-III-P1-1.1-TE-2021-0075, director Florin Constantin Mihai, UAIC, Departmentul CERNESIM (Centrul Integrat de Studii în Știința Mediului pentru Regiunea de Dezvoltare Nord-Est) din cadrul Institutului de Cercetare Interdisciplinar (ICI) al Universității "Alexandru Ioan Cuza" din Iași. |
| Perioda | Mai 2021- octombrie 2021 |
| Funcţia sau postul ocupat | **Membru in proiectul de cercetare** *Infrastructura de date spatiale Open Source destinata cartografieisolului si administrarii teritoriului*, cod proiect PN-III-P2-2.1-PED-2019-5436, director Bogdan Roșca - ACADEMIA ROMÂNĂ - FILIALA IAȘI |
| Perioda | Noiembrie 2020 – octombrie 2022 |
| Funcţia sau postul ocupat | **Membru in proiectul de cercetare** *Vulnerabilitatea Resurselor de Apă din Subteran din Podișul Moldovei la Schimbările Climatice*, acronim CHUWAT, cod proiect PN-III-P1-1.1-TE-2019-0286, director Ionuț Minea, UAIC, Facultatea de Geografie si Geologie |
| Perioada | septembrie 2017 – aprilie 2020 |
| Funcţia sau postul ocupat | **Specialist GIS 4** în cadrul proiectului "*Elaborarea Planurilor de management pentru ariile protejate ROSPA0109 Acumulările Belcești, ROSCI0222 Sărăturile Jijia Inferioară, Prut, ROSPA0042 Elesteele Jijiei și Miletinului și 2.553. Balta Teiva Vișina*." |
| Numele şi adresa angajatorului | Societatea Ornitologică Română, București |
| Perioada | octombrie 2014 – prezent |
| Funcţia sau postul ocupat | **Cadru didactic asociat** |
| Activităţi şi responsabilităţi principale | Activități didactice: Hidrologie și Oceanografie (lucrări practice: an I), Geografie Fizică Generală (lucrări practice: an I), Geografia Europei (lucrări practice: an I), Geografia Mării Negre (lucrări practice an III) etc. |
| Numele şi adresa angajatorului | Facultatea de Geografie și Geologie, Universitatea "Alexandru Ioan Cuza" din Iași |
| Perioada | Septembrie 2017 – Octombrie 2018 |
| Funcţia sau postul ocupat | **Specialist GIS** in cadrul proiectului „Management eficient in siturile Natura 2000: ROSCI0276 Albesti, ROSCI0417 Manoleasa, ROSCI 0317 Cordareni-Vorniceni si ROSCI 0234 si rezervatia Stanca Costesti, Judetul Botosani." |
| Numele şi adresa angajatorului | Stoleriu Cristian Constantin - PFA |
| Perioada | iunie 2017 – iunie 2018 |
| Funcţia sau postul ocupat | **Voluntar analist GIS** |
| Activități GIS | Digitizare stratelor tematice din cadrul proiectului "*Studiul evoluției suprafețelor forestiere din Moldova de la începutul secolului XVIII până în prezent*" |

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| Numele şi adresa angajatorului | ONG ENVIROGIS, Iași |
| Perioada | mai 2013 – mai 2014 |
| Funcţia sau postul ocupat | **Voluntar analist GIS** in cadrul proiectului ”*European Ground Squirrel Population from Eastern Romania”* |
| Numele şi adresa angajatorului | Conservation Leadership Programme, SistemIS, Iaşi https://sites.google.com/site/popandaumoldova/ |
| Perioada | septembrie 2012 – iunie 2013 |
| Funcţia sau postul ocupat | **Voluntar activități botanică** |
| Numele şi adresa angajatorului | Universitatea "Alexandru Ioan Cuza", Grădina Botanică "Anastasie Fătu" Dumbrava Roşie, nr. 7-9, Iaşi (România) |

**Educaţie şi formare**

| | |
|---|---|
| Perioada | 1 octombrie 2013 – 15 martie 2017 |
| Calificarea / diploma obţinută | **Doctor în Geografie** |
| Titlul tezei de doctorat | ***Identificarea zonelor cu risc la inundaţii în bazinul hidrografic Ozana*** |
| Numele şi tipul instituţiei de învăţământ | Facultatea de Geografie și Geologie, Universitatea ”Alexandru Ioan Cuza” din Iași |
| Perioada | mai 2014 – decembrie 2015 |
| Funcţia sau postul ocupat | Membru (doctorand bursier) în cadrul proiectului POSDRU Programe doctorale si post-doctorale de excelență pentru formarea de resurse umane înalt calificare pentru cercetare în domeniile Științei Vieții, Mediului și Pământului POSDRU/159/1.5/S/133391 |
| Numele şi adresa angajatorului | Beneficiar: Universitatea din București<br>Partener 1: Universitatea ”Alexandru Ioan Cuza” din Iași |
| Perioada | octombrie 2011 – iunie 2013 |
| Calificarea / diploma obţinută | **Diplomă de master**, specializarea ”Riscuri Naturale și Amenajarea Teritoriului” – Domeniul Geografie |
| Titlul tezei de disertație | ***Riscuri hidrologice în bazinul superior al râului Ozana. Studiu de caz: Comuna Pipirig*** |
| Numele şi tipul instituţiei de învăţământ | Facultatea de Geografie și Geologie, Universitatea ”Alexandru Ioan Cuza” din Iași |
| Perioada | Octombrie 2011 – iunie 2013 |
| Calificarea / diploma obţinută | **Modulului Psihopedagogic - nivelul 2 (de aprofundare)** |
| Numele şi tipul instituţiei de învăţământ | Departamentul pentru Pregătirea Personalului Didactic, Universitatea “Alexandru Ioan Cuza” din Iași |
| Perioada | octombrie 2008 – iunie 2011 |
| Calificarea / diploma obţinută | **Diplomă de licență**, specializarea Geografia – domeniul Geografie |
| Titlul tezei de licență | ***Riscuri hidrologice pe valea râului Ozana*** |
| Numele şi tipul instituţiei de învăţământ | Facultatea de Geografie și Geologie, Universitatea ”Alexandru Ioan Cuza” din Iași |
| Perioada | octombrie 2008 – iunie 2011 |
| Calificarea / diploma obţinută | **Modulului Psihopedagogic - nivelul 1** |
| Numele şi tipul instituţiei de | Departamentul pentru Pregătirea Personalului Didactic, Universitatea |

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| învăţământ / furnizorului de formare | ”Alexandru Ioan Cuza” din Iași |
| Perioada | septembrie 2004 – iunie 2008 |
| Calificarea / diploma obţinută | Diplomă de Bacalaureat |
| Numele şi tipul instituţiei de învăţământ | Colegiul Național ”Ștefan cel Mare”, Târgu Neamț |

**Cursuri și workshop-uri**

| | |
|---|---|
| Perioada | 16-23 octombrie 2023 |
| Calificarea / diploma obţinută | **Participarea în cadrul activității pentru dezvoltarea competențelor de evaluare a calității în învățământul superior** |
| Numele şi tipul instituţiei de învăţământ / furnizorului de formare | „UniQualitas: Asigurarea și evaluarea calității la Universitatea „Alexandru Ioan Cuza” din Iași” |
| Perioada | octombrie – noiembrie 2021 |
| Calificarea / diploma obţinută | **Participarea în cadrul activității de formare didactică Uniteach** |
| Numele şi tipul instituţiei de învăţământ / furnizorului de formare | Universitatea ”Alexandru Ioan Cuza” din Iași și Academia Română https://www.uaic.ro/proiect-uniteach-uaic-2/ |
| Perioada | 28 – 29 Martie 2019 |
| Calificarea / diploma obţinută | Participarea in cadrul workshopului „**Georeferntierea și prelucrarea datelor laser scaner terestru (LST) și a imaginilor UAV”** |
| Numele şi tipul instituţiei de învăţământ / furnizorului de formare | Universitatea Tehnică “Gheorghe Asachi” din Iași, Facultatea de Hidrotehnică, Geodezie și Inigineria Mediului. – conf. dr. ing. Ersilia Oniga<br>Universitatea Tehnică din Viena, Facultatea de Matematică și Geoinformatică prof. dr. ing, Norbert Pfeifer |
| Perioada | Iulie 2018 |
| Calificarea / diploma obţinută | Antreprenor |
| Numele şi tipul instituţiei de învăţământ / furnizorului de formare | Universitatea Ștefan cel Mare din Suceava în parteneriat cu SC Addvances Strategic Solutions SRL, proiect cofinantat din Programul Operational Capital Uman 2014-2020 |
| Perioada | Noiembrie – decembrie 2017 |
| Calificarea / diploma obţinută | Certificat de completare a cursului online “**The location Advantage**” oferit prin platforma educaţională Udemy.com, de către ESRI |
| Activități GIS | Analiza locației utilizează componenta de localizare a datelor de afaceri pentru a îmbunătăți înțelegerea de către utilizatori a pieței. |
| Numele şi tipul instituţiei de învăţământ / furnizorului de formare | Udemy.com, ESRI Business Analyst Online. |
| Perioada | 3 octombrie 2015 |
| Calificarea / diploma obţinută | Participare în cadrul worksop-ului intitulat ”**Crearea de servicii WEBGIS folosind programe libere/open source**” – C.S. Vasile Crăciunescu (Administrația Națională de Meteorologie) |

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|---|---|
| Activități GIS | Crearea WEBGIS interactive prin introducerea de date de tip vectori și rastere |
| Numele şi tipul instituţiei de învăţământ / furnizorului de formare | Simpozionul Internațional de Sisteme Informaționale Geografice și Teledetecție, 2 – 4 octombrie 2015, Iași, România |
| Perioada | octombrie – decembrie 2014 |
| Calificarea / diploma obţinută | Certificat de completare a cursului online "**Going places with Spatial Analysis**" oferit prin platforma educaţională Udemy.com, de către ESRI |
| Activități GIS | Analiză spațială a datelor, interogări, scară de analiză, statistici descriptive, proiecție. |
| Numele şi tipul instituţiei de învăţământ / furnizorului de formare | Udemy.com, ESRI |
| Perioada | 14 – 17 noiembrie 2014 |
| Calificarea / diploma obţinută | Certificat de participare în cadrul workshop-ului intitulat "**Tehnici avansate de manipulare și analiză a datelor spațiale**" organizat la Stațiunea de Cercetări Geografice și de Monitorizare a Calității Mediului, Mădârjac, jud. Iași |
| Numele şi tipul instituţiei de învăţământ / furnizorului de formare | Facultatea de Geografie și Geologie, Universitatea "Alexandru Ioan Cuza" din Iași și Academia Română, Filiala Iași |
| Perioada | 21 – 27 iulie 2014 |
| Calificarea / diploma obţinută | Certificat de participare în cadrul workshop-ului intitulat "**Analiza spațială și soluții tehnice**" organizat la Stațiunea de Cercetări Geografice și de Monitorizare a Calității Mediului, Mădârjac, jud. Iași |
| Numele şi tipul instituţiei de învăţământ / furnizorului de formare | Facultatea de Geografie și Geologie, Universitatea "Alexandru Ioan Cuza" din Iași și Academia Română, Filiala Iași |
| Perioada | 07 – 14 mai 2012 |
| Calificarea / diploma obţinută | Participare: **Tabăra de salvare montană** organizată la Padina (Munții Bucegi) |
| Numele şi tipul instituţiei de învăţământ / furnizorului de formare | Autoritatea Națională pentru Sport și Tineret |
| Perioada | 16 – 23 Iunie 2012 |
| Calificarea / diploma obţinută | **Stagiu de Practică** profesională la **Inspectoratul pentru Situații de Urgență** al județului Iași desfășurat în cadrul proiectului POSDRU/86/1.2/S/57462 |

**Aptitudini şi competenţe personale**

Limba maternă **română**

| Limbi străine cunoscute *Nivel european (*)* | **Înţelegere** | | **Vorbire** | | **Scriere** |
|---|---|---|---|---|---|
| | Ascultare | Citire | Participare la conversaţie | Discurs oral | Exprimare scrisă |
| **Engleză** | B2 | B2 | B2 | B2 | B1 |
| | **Cambridge English Level 1 Certificate in ESOL International** | | | | |
| **Franceză** | A2 | A2 | A1 | A1 | A2 |

**Domenii de competență** Geografie fizica, Hidrologie, Sisteme Informaționale Geografice

Apartenenţa la societăţi ştiinţifice internaţionale şi naţionale

1. Membru al Societăţii Europene de Geoştiinţe (European Geosciences Union), 2019
2. Membru al L'Association Francophone de Géographie Physique, 2016-2017
3. Membru al Romanian Limnogeography Association, 2013 - 2014
4. Membru al Asociaţia Grupul SistemIS, Iaşi, 2012-2016
5. Secretar al Asociaţia Grupul SistemIS, Iaşi, 2013-2014
6. Membru al Societății Ornitologice Române (S.O.R.), 2013-2016, 2017-2020.
7. Membru al Societății de Geografie din România (SGR), 2021-2024

Diplome și medalii

1. Certificat de participare în cadrul workshop-ului de "**Promovare și diseminare în domeniul Dezvoltării Durabile și Protecției Mediului**" din cadrul proiectului POSDRU/159/1.5/S/133391 organizat la Sinaia, județul Prahova, România, 11-14 decembrie 2014 de Universitatea din București
2. **Premiul CNCSIS, 2018**, Project Registration PN-III-P1-1.1-PRECISI-2018-24644, pentru articolul: *Flood vulnerability assessment in the mountain-plateau transition zone: a case study of Marginea village (Romania*), Journal of Flood Risk Management, 11(S1): S502-S513.
3. Premiul 1 pentru lucrarea "*Analiza vulnerabilităţii la înzăpezire. Aplicaţie pentru judeţul Botoşani"* (autori: Andrei Adrian, Barcăcianu Florentina, Cojocaru Ştefana, **Enea A.**, Hapciuc Oana-Elena, Iosub M.) - în cadrul Simpozionului Tinerilor Geografi, Cluj-Napoca, 19 - 20 Mai 2012
4. Premiul pentru prezentarea "Flood vulnerability for transition areas. Case study for Easter Carpathians Mountians (Romania)" (autori: Minea Ionuț, Chelariu Oana Elena, Iosub Marina, Enea Andrei) - International Conference on Innovation, Sustainability, Technology and Education in Civil Engineering, 13-15 iunie 2019, Iskenderun, Turcia
5. **Premiul UAIC nr. 16526 din data de 29.09.2020** pentru publicarea articolului: 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 Drăcşani Lake, Sitna River, Romania,* Water, 12(4), 1090
6. **Premiul CNCSIS, 2020**, Project Registration PN-III-P1-1.1-PRECISI-2020-51633, pentru articolul: **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, e12588, 13(4)
7. **Premiul CNCSIS, 2020,** Project Registration PN-III-P1-1.1-PRECISI-2020-49167, pentru articolul: Albu L.-M., Enea A., **Iosub M**., Breabăn I.-G. *Dam Breach Size Comparison for Flood Simulations. A HEC-RAS Based, GIS Approach for Drăcşani Lake, Sitna River, Romania,* Water, 12(4):1090.
8. **Premiul CNCSIS, 2021**, Project Registration PN-III-P1-1.1-PRECISI-2021-57081, pentru articolului: Minea, I., Iosub, M., & Boicu *Multi-scale approach for different type of drought in temperate climatic conditions,* revista Natural Hazards, editura Springer, 1-25.
9. **Premiul CNCSIS, 2021,** Project Registration PN-III-P1-1.1-PRECISI-2021-57064, pentru articolului: Minea, I**., Iosub, M.,** & Boicu, D. *Groundwater Resources from Eastern Romania under Human and Climatic Pressure,* Sustainability, 12(24), 10341
10. **Premiul UAIC nr. 1531 din data de 29.01.2021** pentru publicarea

articolului: Minea, I., **Iosub, M.**, & Boicu, D. Groundwater Resources from Eastern Romania under Human and Climatic Pressure, Sustainability, 12(24), 10341

11. **Premiul CNCSIS, 2023,** Project Registration PN-III-P1-1.1-PRECISI-2023-120534, pentru articolului: 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.

Competenţe şi aptitudini tehnice și GIS

- Cunoştinte avansate în utilizarea pachetului Microsoft Office™ (Word™, Excel™ şi PowerPoint™), Open Office;
- Cunoştinţe avansate și medii de utilizare a anumitor soft-uri ce au la baza prelucrarea datelor geospaţiale: Tnt Mips Microimage, ArcGis, Hec-Ras, R2V, Global Mapper, Philcarto, Google Earth, Grass, R.
- Cunoștințe avansate de utilizare a soft-ului de HEC-RAS de simulare a inundațiilor
- Cunoştinţe la nivel de începător în utilizarea programelor ce gestionează şi prelucrează baze de date (SQL, PosgreSQL).
- Cunoştinţe la nivel de începător în utilizarea programului de procesare a textelor Latex.

**Competenţe şi abilităţi sociale**

Spirit de echipă, capacitate de adaptare sporită, seriozitate, capacitate de asimilare de noi informații și dobândire de noi abilități

**Competenţe organizaţionale/manageriale**

- Membru în comitetul de organizare al Seminarului Geografic Internaţional ”Dimitrie Cantemir” ediţiile 2014, 2017, 2018, 2019.
- Membru în comitetul de organizare al Simpozionului Internațional “Present Environment and Sustainable Development” ediţiile 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023.
- Membru în comitetul de organizare al celei de-a 25 ediții a Simpozionului Internațional “Sisteme Informaționale Geografice” din 27-28 septembrie 2017, Iași.
- Secretarul comisiei de admitere și responsabilul pentru coordonarea admiterii online din cadrul Facultății de Geografie și Geologie, 2024.

**Activităţi extracurriculare GIS**

- Sunt membru în cadrul cercurilor ştiinţifice studențești “*Envirogis”*, “*GIS de la zero*” si *GISturis* din cadrul Facultăţii de Geografie şi Geologie, acestea au ca scop cartarea și analiza teritorială. În cadrul acestor cercuri de lucru mi-am perfecţionat abilităţile de lucru în diferite programe GIS și competențele de manageriere a unui grup mic de studenți.
- Membru în cadru proiectului vulnerabilitatea la înzăpezire, acesta este un proiect început în anul 2011, ce îl are ca şi coordonator pe lect. Dr. Lucian Sfîcă şi ce şi-a propus obţinerea unor hărţi de vulnerabilitate a reţelei de transport pe Moldova la înzăpezire. Acest proiect a avut rezultate importante prin obţinerea hărţilor dorite, crearea unei metode matematice de calcul a vulnerabilităţii la înzăpezire şi acest proiect a avut vizibilitate în presă.

**Activităţi editoriale**

**Manuscript editor** la revista: ***East European Journal of Geographical Informations Systems and Remote Sensing*** www.geomatica.uaic.ro
**Editor tehnic al volumelor 16.1/2022, 16.2/2022** si introducere in baze de date

internaționale la revista ***Present Environment and Sustainable Development*;**
**Editor tehnic și asistent editor al volumelor 17.1/2023, 17.2/2023, 18.1/2024** si introducere in baze de date internaționale (DOAJ) la revista ***Present Environment and Sustainable Development*;**
**Guest editor** pentru numărul special ***"Flood Early Warning and Risk Modelling"*** la revista ***Hydrology***
**Guest editor** pentru numărul special ***"Machine Learning and Automation in Remote Sensing Applied in Hydrological Processes"*** la revista ***Remote Sensing***

**Membru în comisii**

Secretar în comisiile de licență și disertație în perioada 2022-2025 la Facultatea de Geografie și Geologie, Departamentul de Geografie.

**Lista lucrărilor ştiinţifice publicate (Anexa 1)**

Articole științifice: **45**, din care **9 ca prim autor**. Dintre acestea, **15** sunt articole publicate în reviste ISI cu factor de impact, **16** sunt publicate în proceedings ale unor conferințe indexate ISI, iar **16** sunt publicate în reviste indexate BDI. Dintre acestea **31** sunt publicate în strainătate.

**Lista lucrărilor prezentate la manifestări ştiinţifice (Anexa 2)**

**113** lucrări științifice prezentate, dintre care **37** la conferințe internaționale susținute în străinătate în cadrul a 23 manifestări științifice (Iralnda, Austria, Macedonia, Turcia, Spania etc.) și **76** în țară în cadrul a 50 de manifestări științifice.

**Citări în literatura de specialitate (Anexa 3)**

**411** de citări ale contribuțiilor proprii în publicații științifice sau cărți de specialitate. Dintre acestea **178** sunt citări în reviste indexate Web of Science cu factor de impact; **52** sunt citări în reviste indexate Web Of Science fără factor de impact; **83** în reviste indexate BDI; **53** în cărți de specialitate publicate în străinătate; **45** în cărți de specialitate publicate în țară.

**Lista contractelor de cercetare ştiinţifică în mediul academic (Anexa 4)**

**Director** al unui contract de cercetare științifică naționale din mediu academic; **membru** în 3 contracte de cercetare științifică naționale din mediu academic și 2 proiecte din fonduri structurale și de tip grant, naționale

**Lista contractelor de cercetare ştiinţifică în mediul privat (Anexa 5)**

**Membru** în 4 contracte de cercetare științifică din mediu privat ce au avut ca obiect de lucru realizarea studiilor de cartare GIS pentru situri Natura 2000, arii protejate sau specii protejate.

**Activitatea didactică**

***Lucrări practice/seminarii***

| **Disciplina** | **Specializarea/Serie** | **Anul** |
|---|---|---|
| *Geografie fizica generala* | *Geografia Turismului / 2015 - 2025* | *1* |
| | *Geografia Mediului / 2017-2018, 2020-2025* | *1* |
| | *Geografie/ 2020-2020, 2021-2025* | *1* |
| | *Planificare teritorială/ 2020-2025* | *1* |
| | *Hidrologie şi Meteorologie/ 2021-2025* | *1* |
| *Hidrologie şi Oceanografie* | *Geografie / 2017-2020* | *1* |
| | *Geografia Turismului / 2013-2021* | *1* |
| | *Planificare Teritorială / 2018-2021* | *1* |
| | *Geografia Mediului / 2017-2018, 2020-2023* | *1* |
| | *Geografia Turismului in lb engleza 2023-2025* | *1* |

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|---|---|---|
| *Geografia Mării Negre* | *Hidrologie şi Meteorologie/ 2014-2016* | *3* |
| *Geografia Europei* | *Geografie / 2017-2018* | *1* |
| *Gestiunea resurselor de apă* | *Geografia Mediului / 2019-2020*<br>*Hidrologie şi Meteorologie/ 2019-2020* | *2* |
| *Clima si Hidrologia Romaniei* | *Hidrologie şi Meteorologie/ 2021-2025* | *3* |
| *Informatică aplicată în turism* | *Geografia Turismului / 2022 - 2024* | *1* |
| *Informatică aplicată în geoştiinţe* | *Geografia Mediului / 2023-2024*<br>*Hidrologie şi Meteorologie/ 2023-2024* | *1* |
| *Metodologia cercetărilor geografice* | *Planificare Teritorială / 2023-2024* | *2* |

***Cursuri***

| **Disciplina** | **Specializarea/Serie** | **Anul** |
|---|---|---|
| *Metodologia cercetărilor geografice* | *Planificare Teritorială / 2023-2024* | *2* |

***Organizare aplicaţii şi practică de specialitate***

| **Practica de specialitate** | **Luna/anul** |
|---|---|
| Practică de specialitate cu studenții în masivul Rarău, cu studenții de la ciclul licență, anul 1 | **Iulie-august 2024** |
| Practică de specialitate cu studenții în Maramures, cu studenții de la ciclul licență, anul 2 | **Mai 2024** |
| Practică de specialitate cu studenții în masivul Rarău, cu studenții de la ciclul licență, anul 1 | **Iulie 2023 (*2)** |
| Practică de specialitate cu studenții în masivul Rarău, cu studenții de la ciclul licență, anul 1 | **Iulie 2022** |
| Practică de specialitate cu studenții în Maramures, cu studenții de la ciclul licență, anul 2 | **Mai 2022** |
| Practică de specialitate cu studenții în masivul Rarău, cu studenții de la ciclul licență, anul 1 | **Iulie 2021** |
| Practică de specialitate cu studenții în zona Rosiei Montane, cu studenții de la ciclul master, anul 1 | **Iulie 2019** |
| Practică de specialitate cu studenții în masivul Rarău, cu studenții de la ciclul licență, anul 1 | **Iunie, iulie 2019** |
| Practică de specialitate cu studenții în Maramures, cu studenții de la ciclul licență, anul 2 | **Mai 2019** |
| Practică de specialitate cu studenții în masivul Rarău, cu studenții de la ciclul licență, anul 1 | **Iunie, iulie 2018** |
| Practică de specialitate cu studenții în Maramures, cu studenții de la ciclul licență, anul 2 | **Aprilie – Mai 2018** |
| Practică de specialitate cu studenții în masivul Rarău, cu studenții de la ciclul licență, anul 1 | **Iunie 2017** |

| | |
|---|---|
| Practică de specialitate cu studenții în Maramures, cu studenții de la ciclul licență, anul 2 | **Aprilie – Mai 2017** |
| Practică de specialitate anul II GM - Delta Dunării - Agigea - Balcic - Iasi anul 2 | **Mai 2016** |

**Informaţii suplimentare**

***Stagii în străinătate***

- *Sani Resort*, Halkidiki, Grecia - stagiu de practică hotelieră prin programul Erasmus, perioada 27 iunie – 27 septembrie 2010;
- *Adelais Hotel*, Tavronitis, Chania, Creta, Grecia - stagiu de practică hotelieră prin programul Erasmus, perioada 14 iunie – 14 septembrie 2009.
- *Pamukkale University*, Denizli, Turcia – stagiu de predare prin programul *Erasmus + KA131 teaching staff exchange mobility*, excgange mobility perioada 23.09.2024 – 27.09.2024.

**Recenzor la următoarele reviste**

***Water; Energies; Sustainability; Hydrology; Journal of Marine Science and Engineering; Remote Sensing; Climate; Land; Glaciers* – MDPI**
***Natural Hazards* – Springer**
***Geocarto International* – Taylor & Francis**
***Lucrările simpozionului international "Dimitrie Cantemir" – UAIC***
***Present Environment and Sustainable Development - UAIC***

**ANEXA 1**

**Lista lucrărilor ştiinţifice publicate**

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

1. Romanescu Gh., Hapciuc O.E., Sandu I., Minea I., Dascalița 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., Dascălița 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)

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)

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**)

11.Enea, A., Iosub, M., & Stoleriu, C. C. (2023). A Low-Cost, UAV-Based, Methodological Approach for Morpho-Metric Analysis of Belci Lake Dam Breach, Romania. Water, 15(9), 1655. (**F: 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. (**(F: 3, AIS: 0.529**) Q2

***b). În reviste cotate Web of Science fără factor de impact***

1. 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).

***c). 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., 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., 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., http://dx.doi.org/10.18509/GBP.2016.24;
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;

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

11.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.;

12. **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.;

13. 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.

14. 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.

15. 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.

***d). 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 Universităţii, vol. 6, nr. 2, Iaşi, 207 - 220 p.

2. Sfîcă 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.

3. Minea I., Mihu-Pintilie A, **Iosub M.**, Hapciuc O.E., 2014, *Preliminary evaluation on the ratio between the surface and underground river supply in eastern Romania*, Aerul şi 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 şi apa componente ale mediului, Edit. Presa Universitară Clujeană, Cluj-Napoca, 201-209 p., ISSN: 2067-743X, DOI: 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 şi apa componente ale mediului, Edit. Presa Universitară Clujeană, Cluj-Napoca, pag. 315-322, ISSN: 2067-743X, DOI: 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 şi 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 şi 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).

***e) Lucrări publicate în volume ale unor manifestări științifice din străinătate (text integral)***

**1.** Minea I., Chelariu O.E., **Iosub M.,** Enea A. 2019. Flood vulnerability for transition areas. Case study for Eastern Carpathians (Romania), iSTE-CE 2019 - International Conference on Innovation, Sustainability, Technology and Education in Civil Engineering, 13-15 June 2019, Iskenderun, Hatay, Turkey, 57-69. ISBN: 978-605-031-927-9, http://iste-ce2019.iste.edu.tr/

***f). 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 Suceviţa, 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;
http://www.afgp-sardaigne2016.fr/index.php?page=resume

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., Romanescu G., Stoleriu C.C., **Iosub M.**, Breabăn I.G., 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. Journal of Geographical Sciences, Ursu A., Stoleriu C.C., **Iosub M.**, Jitariu Vasile, 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 O.E., 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., Chelariu O.E., **Iosub M.**, Adina Elena Croitoru, 2018, *Climate changes and water resourses 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 O.E., **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.M., Enea A., **Iosub M.**, Stoleriu C.C., 2018, *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.

12.Boicu D., Minea I., Chelariu O.E., Iosub M., Jora I., 2019, *New approach in determination of groundwater level trends. Case study North-Eastern Part of Romania*, PESD, Iași, 7-9 iunie, pp. 85.

http://www.pesd.ro/Symposium%20site/2019/Book-of-abstracts-PESD_2019.pdf
13. Iosub M., Enea A., Jitariu V., Ursu A., 2019, *Cyclone effects monitoring from Indian Ocean using SENTINEL satellite imagery. Case study: Idai Cyclone*, PESD, Iași, 7-9 iunie, pp. 87-88.
http://www.pesd.ro/Symposium%20site/2019/Book-of-abstracts-PESD_2019.pdf
14. Jitariu V., Ursu A., Vasiliniuc I., Iosub M., Rusu C., 2019, *Monitoring the drought phenomenon in apple orchards using remote sensing methods*, PESD, Iași, 7-9 iunie, pp. 96-97.
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1**. Iosub M**, Enea A. Flood Early Warning and Risk Modelling. Hydrology. 2022; 9(4):57. https://doi.org/10.3390/hydrology9040057

***h) 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; DOI: 10.1007/978-3-031-03865-5; pp. 381-401.

***i) 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

3. **ANEXA 2 Lista lucrărilor prezentate la manifestări ştiinţifice**

a. ***Participări la simpozioane, congrese, conferințe, seminarii, worksop-uri naționale sau internaționale (susținute în România)***

**2011**

1. **Iosub M.**, Lesenciuc D. *Hydrological Risk Characteristics of The Ozana River Valley*, Lucrările Seminarului Geografic Internațional "Dimitrie Cantemir", ediția a XXXI-a, Iaşi, 15 - 17 octombrie 2011;

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2. Sfîcă L., Andrei A., Bărcăcianu F., Ștefana Cojocaru, Enea A., Hapciuc O.E., **Iosub M**., Ichim P.- *Evaluarea vulnerabilității rețelei de transport rutier la înzăpezire în Câmpia Moldovei*, Lucrările Seminarului Geografic Internațional "Dimitrie Cantemir", Iași, 12 - 14 octombrie 2012

3. Sfîcă L., Andrei A., Bărcăcianu F., Cojocaru S., Enea A., Hapciuc O.E., **Iosub M.**, Ichim P., *Analiza vulnerabilităţii la înzăpezire. Aplicaţie pentru judeţul Iaşi*, PESD, Iași, 1-3 iunie 2012.

4. Sfîcă L., Andrei A., Bărcăcianu F., Cojocaru S., Enea A., Hapciuc O.E., **Iosub M.**, Ichim P., *Evaluation of road transportation network vulnerability to snow drifting in extra-carpathian Moldavia*, Simpozionul International Sisteme Informationale Geografice – S.I.G in evaluarea vulnerabilitatii si riscului, Cluj-Napoca, 9-10 noiembrie 2012.

**2013**

5. **Iosub M.**, Enea A., Romanescu G., *Calculul secţiunii active a unui râu utilizând tehnicile de prelucrare a imaginilor. Studiu de caz: bazinul superior al râului O*zana, Lucrările Seminarului Geografic Internaţional "Dimitrie Cantemir", 18 octombrie 2013, Iaşi

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6. Enea A., Romanescu G., **Iosub M.**, Stoleriu C.C., Hapciuc O.E., *The relation between the morphometric characteristics and river network of the Tazlău basin, hierarchised according to the horton-strahler system*- International Conference "Water resources and wetlands" 11-13 September 2014.

7. Hapciuc O.E., Enea A., **Iosub M.**, Romanescu G.- *The importance of the past and present hydro-technical constructions, for the Sucevița river sector, corresponding to Marginea village* - Present Environment & Sustainable Development, Iași, 6 - 8 iunie 2014.
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8. **Iosub M**., Enea A., *Viiturile din bazinul Ozanei din perioada 2000 – 2013*, Seminarului Geografic Internaţional "Dimitrie Cantemir", ediţia XXXIV din data de 17-19 octombrie 2014, Iaşi.

9. Hapciuc O.E., **Iosub M.**, Rusu A. - *Distribuția spațială și densitatea în teritoriu a sistemului bancar în municipiul Iași* - Lucrările Seminarului Geografic Internațional "Dimitrie Cantemir", Editia a XXXIV-a 17-19 octombrie 2014, Iași.

**2015**

10.Hapciuc O.E., Minea I., **Iosub M.**, Romanescu G. - *The role of the hydro-climatic conditions in causing high floods in the Sucevița river catchment*, Conferința Internațională "Aerul și Apa – Componente ale mediului", 20 – 21 martie 2015, Cluj-Napoca.
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11.**Iosub M.**, Minea I., Hapciuc O.E., Romanescu G. - *The Use Of HEC-RAS Modelling in Flood Risk Analysis, Conferința Internațională,* Aerul și Apa – Componente ale mediului", 20 – 21 martie 2015, Cluj-Napoca.
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14.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, 9 – 12 septembrie 2015, Iași

15.Hapciuc O.E., Enea A., **Iosub M.**, Tomașciuc A.I., Romanescu G. – *Identificarea zonelor cu potențial inundabil din bazinul hidrografic al râului Suceviţa*, Ediția a XXIII – a Simpozionul Internațional de Sisteme Informaționale Geografice și Teledetecție, 02 – 04 octombrie 2015.

16.Hapciuc O.E., Tomașciuc A.I., **Iosub M.**, Enea A., Romanescu G. - *Evaluarea riscului la inundații prin utilizarea procesului de analiză ierarhică (AHP)*, Lucrările Seminarului Geografic Internațional "Dimitrie Cantemir", Editia a XXXV-a 16-18 octombrie 2015, Iași.
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**2016**

19.**Iosub M.**, Iordache I., Enea A., Hapciuc O.E., Romanescu G., Minea I., *Drought analysis in Ozana drainage basin*, Conferința Internațională "Aerul și Apa – Componente ale mediului", 25 – 27 martie 2016, Cluj-Napoca.
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20.Hapciuc O.E., Tomașciuc A.I., **Iosub M.**, Enea A., Romanescu G., *Flood Risk Analysis of The Cultural Heritage in The Suceviţa Catchment*, PESD, 3-5 iunie 2016, Iași.
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29.Minea I., Hapciuc O.E., **Iosub M.**, Adina Elena Croitoru, 2018, *Climate changes and water resourses in eastern part of Romania*, International Conference 4th Water resources and wetlands, 5-9 September, Tulcea, Romania (poster)
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30.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 (poster).
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42.Jitariu V., **Iosub M.**, Enea A., *Cartarea solurilor degradate, folosind tehnici de teledetecție satelitară*, Factori si procese pedogenetice din zona temperata, simpozion național, editia a XXIX-a, 13-15 septembrie 2019, Iasi , Romania.

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44.Jitariu V., Enea A., **Iosub M.**, Ursu A., *Land suitability analysis for apple orchards using GIS*, International Symposium Geographic Information Systems Vulnerability and Risk Assessment using G.I.S., 3-6 October 2019, Cluj-Napoca, Romania.

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**2021**

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57.I. Minea, L. Sfîcă, F.-C. Mihai, **M. Iosub**, O.-E. Chelariu, D. Boicu, 2022, *The vulnerability of underground water resources from Moldavian Plateau to climate changes – final project evaluation*, Editia a XLII-a 14-16 octombrie 2022, Iași (prezentare).

58.Mihai F.C., Eva M., Iosub M., Minea I., Ulman S., *Poluarea cu plastic a mediilor de apă dulce: abordări și perspective geografice*, Simpozionul anual al Centrului de Cercetări Geografice al Academiei Romana Filiala Iasi, Iasi, 13 octombrie 2022.

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## ANEXA 3 Citări în literatura de specialitate

| Articol citat | Articol care citeaza |
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| Romanescu Gh., Hapciuc O.E., Sandu I., Minea I., Dascalița D., **Iosub M.** 2016, *Quality indicators for Suceava river*, Revista de Chimie, vol. 67(2), 245 – 249 **IF: 1.232, AIS: 0.057** | 8. Da Silva, PRB, Makara CN., Manuro AP., Schnitzler DC, Diaconu DC, Sandu I. Poleto C., 2017, *Risks associated of the water from hydric systems urban's the case of the rio Barigui, south of Brazil* Rev. Chim. (Bucharest), 68.8: 1834-1842 (I.F.: 1.412; AIS: 0.047) |
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**Anexa 4 Lista contractelor de cercetare ştiinţifică în mediul academic/Proiecte din fonduri structurale și de tip grant**

**a. Contracte de cercetare știintifică**

| **Naționale** | | | | |
|---|---|---|---|---|
| **Nr. crt.** | **Titlu proiect, date de identificare** | **Perioada** | **Suma** | **Nr. membri** |
| | | **Realizări** | | |
| **Director** | | | | |
| 1. | *Evaluarea cantitativa a fenomenului de rupere a unui iaz de decantare si consecințele asupra mediului*, cod proiect GI-UAIC-2022-06, UAIC, Facultatea de Geografie si Geologie. | 2023-2025 | 50000lei | 1 |
| **Colaborare** | | | | |
| 1. | *Vulnerabilitatea Resurselor De Apă Din Subteran Din Podișul Moldovei La Schimbările Climatice (*acronim CHUWAT), cod proiect PN-III-P1-1.1-TE-2019-0286, director Ionuț Minea – UAIC, Facultatea de Geografie și Geologie, https://www.geo.uaic.ro/chuwat/ | 2020-2022 | 379,340 lei | 6 |
| | | 4 articole publicate | | |
| 2. | *Infrastructura de date spatiale Open Source destinata cartografieisolului si administrarii teritoriului*, cod proiect PN-III-P2-2.1-PED-2019-5436, director Bogdan Roșca - ACADEMIA ROMÂNĂ - FILIALA IAȘI | 2021 | 597.535 lei | 6 |
| 3. | *Evaluarea susceptibilității mediilor de apă dulce la poluarea cu deșeuri din plastic* (acronim SAFE-PP) cod proiect PN-III-P1-1.1-TE-2021-0075, director Florin Constantin Mihai, UAIC, Departmentul CERNESIM (Centrul Integrat de Studii în Știința Mediului pentru Regiunea de Dezvoltare Nord-Est) din cadrul Institutului de Cercetare Interdisciplinar (ICI) al Universității "Alexandru Ioan Cuza" din Iași. https://www.geo.uaic.ro/safepp/ | 2022-2024 | | 6 |

**b. Proiecte din fonduri structurale de tip grant**

| **Colaborare** | | | | |
|---|---|---|---|---|
| **Internaționale** | | | | |
| **Nr. crt.** | **Titlu proiect, date de identificare** | **Perioada** | **Suma** | **Nr. membri** |
| | | **Realizări** | | |
| **Naționale** | | | | |
| | Proiect privind Învățământul Secundar (ROSE), Schema de granturi necompetitive pentru universități, sub-proiectul "Devino absolvent al Facultății de Geografie și Geologiedin Iași – GeoDA" – AG 31/SGU/NC/I, finanțat de BIRD, perioada de derulare 2017-2020, Facultatea de Geografie și Geologie, UAIC, Responsabil de Grant: Lect.dr. Alexandru Bănică. | 2017-2020 | 678119 (UAIC) 3 ani | 5+15 |
| | Proiect ROSE FiiGEO (Alege să fii absolvent de Geografie și Geologie), proiect nr. 349/SGU/SS/III din 08.09.2020, finanțat de către MEC, 2020 - 2022, Manager de proiect: Alina Munteanu | 2020-2021 | 149.991,5 € | |

## Anexa 5 Lista contractelor de cercetare în mediul privat

| Nr. crt. | Titlu proiect, date de identificare | Perioada | Activităţi |
|---|---|---|---|
| 1. | *„Elaborarea Planurilor de Management pentru ariile protejate Acumulările Belcești, Sărăturile Jijia Inferioara Prut, Eleșteiele Jijiei și Miletinului și Balta Teiva Vișina", cod SMIS 2014+ 101991. Beneficiar Societatea Ornitologică Română (SOR/BirdLife Romania), B-dul Hristo Botev, nr. 3, sector 3, Bucureşti, România.* | Octombrie 2017 – Aprilie 2020 | **Expert GIS**<br>- colectez și analizez date necesare elaborării hărților tematice necesare Planului de Management;<br>- sprijin prin expertiză specifică echipa proiectului, asigurând întreg necesarul de hărți pentru activitățile de inventariere, evaluare impact și comunicare ale proiectului ;<br>- preluare puncte gps pentru influențele antropice |
| 2. | *„Management eficient in siturile Natura 2000: ROSCI0276 Albesti, ROSCI0417 Manoleasa, ROSCI 0317 Cordareni- Vorniceni si ROSCI 0234 si rezervatia Stanca Costesti, Judetul Botosani."* | Octombrie 2017- Octombrie 2018 | **Expert GIS**<br>- colectez și analizez date necesare elaborării hărților tematice necesare Planului de Management;<br>- sprijin prin expertiză specifică echipa proiectului, asigurând întreg necesarul de hărți pentru activitățile de inventariere, evaluare impact și comunicare ale proiectului ;<br>- preluare puncte gps pentru influențele antropice |
| 3. | "*European Ground Squirrel Population from Eastern Romania"* | Mai 2013 – mai 2014 | **Expert GIS**<br>- Realizarea bazei de date în mediul GIS; Vectorizarea la nivelul regiunii de Nord-Est est carpatice a arealelor ce pot fi favorabile instalării și dezvoltării unor populații de *Spermophilus citellus*; Identificarea arealelor în care există *Spermophilus citellus*; Participare în cadrul activităților în teren și în campaniile de conștientizare a populației cu privire la vulnerabilitatea speciei. |
| 4. | „*Servicii pentru realizarea studiilor suport, a hărților necesare și a planului de management în cadrul proiectului POIM 2014- 2020 - Managementul biodiversității prin realizarea planului de management al ariei naturale protejate ROSPA0065 Lacurile Fundata Amara*" SMIS 124414. | Aprilie 2023 – Iunie 2023 | **Expert Mediu Abiotic**<br>- responsabilă cu toate activitățile din proiect ce vizează mediul abiotic din zona vizată de proiect (documentare, inventariere);<br>- oferă date de intrare experților GIS cu privire la situația mediului abiotic din sit;<br>- contribuie la realizarea livrabilelor referitoare la mediul abiotic din proiect si a studiilor necesare din Cap. 2 al OM 304/2018 referitor la |

| | | | |
|---|---|---|---|
| | | | mediul abiotic din aria natural vizată de proiect;<br>- participa la dezbateri publice și discuții cu factorii interesați. |