



CURRICULUM VITAE
EUROPASS

Adrian URSU

Dean of the Faculty of Geography and Geology
Alexandru Ioan Cuza University of Iași



PERSONAL INFORMATION

Mobile phone 0723246639
E-mail(s) ursu_v_adrian@yahoo.com, adrian.ursu@uaic.ro
Nationality Romanian
Date of birth 24 XII 1976
ORCID <https://orcid.org/0000-0003-0144-8141>

Web of Science ResearcherID C-9871-2015

Scopus ID 36143592900

Brainmap UEFISCDI ID: UEF-ID U-1700-044Q-3103

PROFESSIONAL EXPERIENCE

Periode **July 2024- Present**

Position **Dean of the Faculty of Geography and Geology**

Main Activities and Responsibilities Head of the Faculty of Geography and Geology

Name and Address of Employer

Alexandru Ioan Cuza University of Iași,
Faculty of Geography and Geology,
Iași, 700506

Type of Activity or Sector

Academic management, coordination and decision-making, teaching, and research activities.

Periode **March 2021- Present**

Position **Associate Professor**

Main Activities and Responsibilities Teaching and research activity in the fields of: Environmental Geography, Sustainable Development, GIS and Remote Sensing in Environmental Science, Ecology.

Name and Address of Employer

Alexandru Ioan Cuza University of Iași,
Faculty of Geography and Geology,
Iași, 700506

Type of Activity or Sector

Teaching and research activities.

Periode **October 2011 – February 2021**

Position **PhD Lecturer**

Main Activities and Responsibilities Didactic activities in Environmental Geography, GIS, and Remote Sensing. Research activities in G.I.S, Remote Sensing, and Environmental Geography.

Name and Address of Employer

Alexandru Ioan Cuza University of Iași,
Faculty of Geography and Geology,
Iași, 700506

Type of Activity or Sector

Teaching and research activities.

Periode **March - April 2011**

Position **Guest Professor**

Main Activities and Responsibilities Teaching and research activity in the fields of Environmental Geography and Geographic Information Systems (GIS).

Name and Address of Employer

Universita di Cagliari, Sardinia, Italia

Type of Activity or Sector

Teaching and research activities.

Periode **October 2007 – September 2011**

Position **University Teaching Assistant**

Main Activities and Responsibilities Teaching and research activity in the fields of Environmental Geography and Geographic Information Systems (GIS).

Name and Address of Employer

Alexandru Ioan Cuza University of Iași,
Faculty of Geography and Geology,
Iași, 700506

Type of Activity or Sector Teaching and research activities.

Periode **October 2004 – September 2007**

Position **Junior Teaching Assistant**

Main Activities and Responsibilities Teaching and research activity in the fields of Environmental Geography and Geographic Information Systems (GIS).

Name and Address of Employer Alexandru Ioan Cuza University of Iași,
Faculty of Geography and Geology,
Iași, 700506

Type of Activity or Sector Teaching and research activities.

Periode **May 2003- July 2004, November 2005 – March 2006**

Position **Photointerpreter, Team Coordinator**

Main Activities and Responsibilities Interpreting changes in land cover, managing team members.

Name and Address of Employer Institutul Național de Cercetare și Dezvoltare Delta Dunării
Mun.Tulcea, jud Tulcea

Type of Activity or Sector Research in Remote Sensing

Periode **November 2001 – September 2004**

Position **Full-time PhD Student**

Main Activities and Responsibilities Teaching and research activity in the fields of GIS, Remote Sensing, and Physical Geography.

Name and Address of Employer Alexandru Ioan Cuza University of Iași,
Faculty of Geography and Geology,
Iași, 700506

Type of Activity or Sector Teaching and research activities.

WORK EXPERIENCE

24 years

EDUCATION AND TRAINING

Periode **Noiembrie 2001 – Iunie 2010**

Qualification **PhD in Geography**

Main Subjects Studied Thesis Title: "Study of Physical-Geographical Transitions in the Curvature Area of Vrancea and Their Influence on Land Use"

Name and Type of Institution Alexandru Ioan Cuza University of Iași,
Faculty of Geography and Geology

Periode **October 2000 – June 2002**

Qualification **Master's Degree**

Main Subjects Studied Soil Science

Name and Type of Institution Alexandru Ioan Cuza University of Iași,
Faculty of Geography and Geology

National/ International Classification ISCED level 7 – EQF level 7

Periode **Octombrie 1996 – Iunie 2000**

Qualification **Bachelor's Degree**

Main Subjects Studied Environmental Science

Name and Type of Institution Alexandru Ioan Cuza University of Iași,
Faculty of Geography and Geology

National/International Classification ISCED level 6 – EQF level 6

Periode **September 1991– June 1995**

Qualification **High school (baccalaureate) diploma**

Main Subjects Studied Physics and Chemistry

Name and Type of Institution "Grigore Ghica Voievod" College, Dorohoi

National/International Classification ISCED level 3

Self-Assessment Level (*)

Understanding

Speaking

Writing

Listening

Reading

Conversation
Participation

Oral Speech

Written Expression

English

B2

B2

B1

B1

B2

French

B2

B1

A2

A2

A1

Italian

B2

B2

B1

B1

B1

Chinese

A2

A2

A2

A2

A2

(*) [Level of the Common European Framework of Reference for Languages](#)

Environmental Geography, Ecology, GIS, Remote Sensing, Eco-Economics

- Member of the **International Society of Ecological Economics**
- Member of the **Romanian Ornithological Society**
- Member of the **Romanian Society of Geography**
- Member of the **Francophone Society of Physical Geograph (AFGF - Association francophone de géographie physique)**

- ESRI Romania Graduation Certificate for ENVI – Exploring ENVI - June 2011
- ESRI Romania Graduation Certificate for ENVI – ENVI EX&GIS - June 2011
- Certificate of Participation in the Training Program on the Didactics of Geography Teaching organized by the Ministry of National Education within the POSDRU Project 7/1.3/S/63709: “Calitate, Inovare, Comunicare în sistemul de formare continuă a didacticienilor din învățământul superior”, co-financed by the European Social Fund through the Sectoral Operational Program for Human Resources Development 2007-2013, Sinaia, Prahova County, Romania, February 2013.

Diplomas, Awards, and Medals

1.

PUBLISHED SCIENTIFIC WORKS

- **Books Published: 3** - Three books published in collaboration and author of several book chapters.
- **Scientific Articles: 49**, of which 15 are in Clarivate WOS-indexed journals with impact factor, including 3 in Q1 and 4 in Q2 based on impact factor, and another 15 articles in Clarivate WOS-indexed conference volumes

PAPERS PRESENTED AT SCIENTIFIC CONFERENCES

Over **120 scientific papers** presented, of which:

- **35 abroad (Italy, Germany, Tunisia, Ukraine, Republic of Moldova)** and,
- **85 in Romania.**

SCIENTIFIC RESEARCH CONTRACTS

Coordination:

- 2003-2005: **Study Of Natural Risks In The Basin Of Putna River, Romania Using G.I.S - contracted by** National Research Contract (At Type - Young reserchers), CNCISIS grant, [Project Manager](#).

Collaboration:

➤ [2 International Research Projects:](#)

- 2006-2007:” **CORINE Land Cover 2006**” – project with European Environment Agency and Phare financial support, contracted by the National Institute for Danube Delta, **Local Team Coordinator**, [Remote Sensing Specialist](#)
- 2001-2002:” **CORINE Land Cover 2000**” – project with European Environment Agency and Phare financial support, contracted by the National Institute for Danube Delta, [Remote Sensing Specialist](#)

➤ [11 National Research Projects, including 5 CEEX Projects](#)

- 2006-2008 : **Creating a national network and a unified informational system for the management of the information regarding the land coverage and usage to support the development of field studies (GMES – INSPIRE)- CEEX** Project in cooperation with Romanian Space Agency, [Researcher](#)
- 2006-2008: **Centre for the examination of ecosystems and sustainable development (CEXDUREC)**. Case study: **The terrestrial and aquatic suburbs ecosystems from the drainage basin of Ciric river, north of the city of Iasi**- grant CEEX, [Researcher](#)
- 2006-2008: **Designing and implementing the national digital data fund of land improvements (FNDDIF)**. **Substantiation study and pilot project for the county of Iasi** Contract CEEX, [Researcher](#)
- 2006-2008: **The hydro-climatic and pedo-geomorphologic risks from the Barlad basin**, contract CEEX 756/2006, cod MedC 3391, [Researcher](#)
- 2006-2008: **Products and technologies to promote a sustainable system of agriculture and agro-ecological resource protection in Moldova Plateau,**

- contract CEEX, cod MEDC 1895/2006, [Researcher](#)
- 2005-2007: **Soil Heritage in Eastern Carpathians and its evolution through forest-pastoral service**, contract CNCISIS 1471/2004, [Researcher](#)
- 2005-2006: **Present state and evolution of the wetland areas from the Eastern part of Romania (Moldova) in the global climate change context**, CNCISIS 664/2004, [Researcher](#)
- 2002-2004: **Research on determining the degree of heavy metal contamination of soils in the northern group of the Eastern Carpathians and ways to remedy them**- Contract CNCISIS, [Junior Researcher](#)
- 2001-2003: **Preparing the Master degree in Soil Science specialists in Romania**, Finance from Mondial Bank no 202, [Junior Researcher](#)
- 2001-2003: **Researches regarding spatial-temporal continuities and non-continuities in the contact areas of the Sub-Carpathian plateau, piedmont and plain region, between Moldova and Putna rivers** , Contract CNCISIS -Type A, [Junior Researcher](#)
- **[2 National Educational Projects](#)**
 - 2017-2019 : Romania Secondary Education Project/ROSE , SGNU, Subproject Title: **Get your Graduation at the Faculty of Geography and Geology from Iași!**- GeoDA fund by the European Bank for Reconstruction and Development, [Teacher](#)
 - 2010-2013: Geoinserit - **Optimizing insertion Geography graduates in the labor market**, POSDRU/86/1.2/S/57462/, [Data base Expert](#)
- **[14 Economic Projects related to Natura 2000 and Environmental Protection](#)**
 - 2017-2018: **Management efficient in siturile Natura 2000 : ROSCI0276 Albesti, ROSCI0417 Manoleasa, ROSCI 0317 Cordareni- Vorniceni si ROSCI 0234si rezervatia Stanca Costesti, Judetul Botosani.**"Cod SMIS 102066 POIM 2014-2020- Sector Mediu Si Energie, Program operațional: Program Operational Infrastructura Mare, [Environment Science Specialist](#)
 - 2017-2018: **Elaborarea Planurilor de Management pentru ariile protejate ROSPA0109 Acumulările Belcești, ROSCI0222 Sărăturile Jijia Inferioara Prut, ROSPA0042 Eleșteele Jijiei și Miletinului și 2.553. Balta Teiva Vișina**" POIM 2014-2020- Sector Mediu Si Energie, Program operațional: Program Operational Infrastructura Mare, [GIS Expert](#)
 - 2015-2016: **Creating the GIS database and strategic noise maps for road, rail and industrial sources, according to the Ministry of Environment and Sustainable Development Guide, for the municipality of Botosani** Coordinator: ACCON Consulting, [GIS Expert / EnvironmentSpecialist](#)
 - 2015: **Strengthening the Natura 2000 Network** contract no.538/26.08.2015 initiated in 2015 by the Ministry of Environment, Water and Forests by Danube Delta National Institute for Research and Development, [Ornitology Expert](#)
 - 2013-2016: **Making spatial data sets according to INSPIRE specifications for protected areas, including Natura 2000 sites, in view of optimizing their facilities management**,cod: SMIS – 43380; European Regional Development Fund, the Sectoral Operational Programme (SOP) Environment 2007-2013, Priority Axis 4: "Implementation of Adequate Management Systems for Nature Protection", Main Intervention Area: "Development of Infrastructure and Management Plans for the Protection of Biodiversity and Natura 2000 Network", [Biodiversity Expert](#)
 - 2013-2015: **The national system of management and monitoring of the birds species from Romania under Article 12 of the Birds Directive - project code SMIS-ESRF 36586, according to the Minister of Environment and Forests no. 2901 of 16.12.2011**;European Regional Development Fund, the Sectoral Operational Programme (SOP) Environment 2007-2013, Priority Axis 4: "Implementation of Adequate Management Systems for Nature Protection", Main Intervention Area: "Development of Infrastructure and Management Plans for the Protection of Biodiversity and Natura 2000 Network" , [GIS Expert](#)
 - 2013-2015: **The management of the site Natura 2000: forests of Southern Piedmont Căndești** code: SMIS – 44195; European Regional Development Fund, the Sectoral Operational Programme (SOP) Environment 2007-2013, Priority Axis 4: "Implementation of Adequate Management Systems for Nature Protection", Main Intervention Area: "Development of Infrastructure and Management Plans for the Protection of Biodiversity and Natura 2000 Network", [GIS Expert](#)
 - 2013-2015: **Management plans for Natura 2000 sites: ROSCI0255, ROSCI0391,**

ROSPA0049, ROSPA0116, ROSCI0076 code: SMIS- 42748, European Regional Development Fund, the Sectoral Operational Programme (SOP) Environment 2007-2013, Priority Axis 4: "Implementation of Adequate Management Systems for Nature Protection", Main Intervention Area: "Development of Infrastructure and Management Plans for the Protection of Biodiversity and Natura 2000 Network", [GIS Expert](#)

- 2013-2015: **Efficient Management in the Natura 2000 ROSCI0330 Osesti Barzesti code: 42746 SMIS**, European Regional Development Fund, the Sectoral Operational Programme (SOP) Environment 2007-2013, Priority Axis 4: "Implementation of Adequate Management Systems for Nature Protection", Main Intervention Area: "Development of Infrastructure and Management Plans for the Protection of Biodiversity and Natura 2000 Network", [GIS Expert](#)
- 2012-2015: **Develop a management plan for the protected area of Bacau County , Perchiu Hill code SMIS- 36371**, European Regional Development Fund, the Sectoral Operational Programme (SOP) Environment 2007-2013, Priority Axis 4: "Implementation of Adequate Management Systems for Nature Protection", Main Intervention Area: "Development of Infrastructure and Management Plans for the Protection of Biodiversity and Natura 2000 Network" , [GIS Expert](#)
- 2012-2014: **The Development of the Management in Natura 2000 sites: Hill of God and the Forests and Grasslands from Mârzești - Iasi County; Code SMIS-CSNR 36364, contract: nr. 129861/03.07.2012**; European Regional Development Fund, the Sectoral Operational Programme (SOP) Environment 2007-2013, Priority Axis 4: "Implementation of Adequate Management Systems for Nature Protection", Main Intervention Area: "Development of Infrastructure and Management Plans for the Protection of Biodiversity and Natura 2000 Network", [Biodiversity Expert](#)
- 2011-2014: **Sustainable management in the Natura 2000 sites: ROSCI0117's Mound Burcel ROSCI0221 and Salty Marches Valea Ilenei code: SMIS-35662** European Regional Development Fund, the Sectoral Operational Programme (SOP) Environment 2007-2013, Priority Axis 4: "Implementation of Adequate Management Systems for Nature Protection", Main Intervention Area: "Development of Infrastructure and Management Plans for the Protection of Biodiversity and Natura 2000 Network" , [GIS Expert](#).

CITATIONS IN SPECIALIZED LITERATURE

- **ISI Web of Knowledge** – 209 citations, H-index =8;
- **Scopus** - 202 citations, H-index = 7;
- **Google Academic** - 554 citations, H-index = 15.

GUEST EDITOR IN SPECIALIZED JOURNALS

- **REMOTE SENSING** (ISSN 2072-4292) IF(2023) 5.0–Special Issue “ Temporal Resolution, a Key Factor in Environmental Risk Assessment II - Integrating Data from Multiple Data Sources “. **2022-2024**.
https://www.mdpi.com/journal/remotesensing/special_issues/8857Z05624
- **LAND** (ISSN 2073-445X) IF(2021) 3.9 - Special Issue "Conservation of Bio- and Geo-Diversity and Landscape Changes II " . **2022-2024**.
https://www.mdpi.com/journal/land/special_issues/0J9PTDHA9V
- **REMOTE SENSING** (ISSN 2072-4292) IF(2019) 4.509–Special Issue "Temporal Resolution, a Key Factor in Environmental Risk " . **2020-2022**.
https://www.mdpi.com/journal/remotesensing/special_issues/Temporal_Resolution_Environmental_Risk_Assessment
- **LAND** (ISSN 2073-445X) IF(2019) 3.398 - Special Issue "Conservation of Bio- and Geo-Diversity and Landscape Changes" . **2020-2022**.
https://www.mdpi.com/journal/land/special_issues/bio_and_geo_diversity

MEMBER OF THE EDITORIAL BOARD OF SPECIALIZED JOURNALS

- **Editor in chief** - Present Environment and Sustainable Development (ESCI-Clarivate), **2020 - prezent** , www.pesd.ro
- **Managing Editor** - Present Environment and Sustainable Development (ESCI-Clarivate) **2015-2019** www.pesd.ro
- Membru "**Topical Advisory Panel**" Remote Sensing" (IF=4.848),
https://www.mdpi.com/journal/remotesensing/topical_advisory_panel
- **Editor in chief** la revista :East European Journal of Geographical Informations Systems and Remote Sensing , 2017-2019 , www.geomatica.uaic.ro

SCIENTIFIC REVIEWER OF

- **Land** – 33 articles

SOME SCIENTIFIC PAPERS

- **Remote Sensing** - 34 articles
- **Present Environment and Sustainable Development** - 1 articles
- **ISPRS – International Journal of Geo-Information** - 2 articles
- **Sustainability** - 2 articles
- **Journal of Imaging** - 2 articles
- **Science of Total Environment** - 2 articles
- **Buildings** - 1 article
- **Applied Sciences** - 1 article
- **Frontiers in Environmental Science** - 1 article
- **Data** - 1 article
- **Geographies** - 1 article

MEMBER OF THE SCIENTIFIC/ORGANIZING COMMITTEE OF VARIOUS SCIENTIFIC EVENTS

- **Coordinator**
 - **Proceedings of the International Conference *Present Environment and Sustainable Development***, Editions 2020-2024
 - **Proceedings of the International Symposium on *Geographic Information Systems***, Editions 2015-2017, 2023, 2024
- **Member of the Organizing Committee:**
 - **Proceedings of the International Symposium *Present Environment and Sustainable Development, Editions 2007-2022***

MODERATOR AT SCIENTIFIC EVENTS

- **Moderator:**
 - **International Conference *Present Environment and Sustainable Development***
 - **International Symposium on *Geographic Information Systems***
 - ***Dimitrie Cantemir* International Symposium**

TEACHING ACTIVITY

- | ➤ COURSES TAUGHT | Faculty/level of studies/field of studies |
|--|---|
| • Principles of Sustainable Development (2014-2024) | Faculty of Geography and Geology
Master Program |
| • Applications of GIS and Remote Sensing in Environmental Science (2014-2024) | Field of studies: Current Environment and Sustainable Development |
| • Applications of GIS and Remote Sensing in Biodiversity and Land Use Analysis (2014-2019) | Faculty of Geography and Geology
Master Program
Specialization: Geomatics |
| • Environmental Geography (2007-2021) | Faculty of Geography and Geology
Bachelor Program
Field of studies: Environmental Geography, Geography, Hydrology – Meteorology, Territorial Planning, Tourism Geography |
| | Faculty of Biology
Bachelor Program
Field of studies: Ecology |
| • General Ecology (2011-2021) | Faculty of Geography and Geology
Bachelor Program
Field of studies: Environmental Geography |
| • The Impact of Economic Activities on the Environment (2011–2013) | Faculty of Geography and Geology
Bachelor Program
Field of studies: Environmental Geography |
| • Forest Ecosystem Planning and Management (2011) | Faculty of Geography and Geology
Bachelor Program
Field of studies: Territorial Planning |

- Geographic Information Systems (2011) **Faculty of Natural Sciences University of Cagliari, Italy**

- Remote Sensing (2011-2012) **Technical University of Moldova, Chişinău, Republic of Moldova**

Practical Works/Seminars

- Environmental Geography
- General Ecology
- The Impact of Economic Activities on the Environment
- Forest Ecosystem Planning and Management
- Geographic Information Systems
- Remote Sensing
- Applied Informatics
- Geography of the Continents - Asia
- Geography of the Continents - Africa
- Geography of the Continents - America

Field of studies

- Environmental Geography
- Geography
- Hydrology – Meteorology
- Territorial Planning
- Tourism Geography
- Geography - French language
- Geography - English language
- Geography - French language
- Ecology

Supervision of Bachelor's and Dissertation Papers

Supervision of 85 bachelor's papers, from 2005 to the present.

Student Practical Applications

Between 2001 and 2026, coordination of 65 specialized student applications, both stationary and itinerant, across Romania.

MANAGERIAL-ADMINISTRATIVE ACTIVITY

- Member of the Geography Department Council (2020-2024)
- Member of 14 competition commissions for the occupation of teaching or research positions in higher education
- Member of 4 competition commissions for the occupation of auxiliary or technical teaching positions in higher education

ADDITIONAL INFORMATION

INTERNSHIPS ABROAD



- **Mai 2025** - Veliko Turnovo University St Cyril And Methodius, Veliko Turnovo, Bulgaria - Staff mobility for teaching, Programme Erasmus, main topic: Environmental Science



- **May 2025** - Universidade De Coimbra, Coimbra, Portugal - Staff mobility for training



- **May 2022: University of Pavia, Italy**, Erasmus Staff Mobility for Teaching, main topic: Environmental Science.



- **September 2019: University of Puerto de la Cruz, Tenerife, Spain**, Erasmus+ Staff Mobility for Teaching, main topic: Environmental Science.



- **September 2018: Universite de Lorraine, Metz, France**, Erasmus+ Staff Mobility for Teaching, main topic: Environmental Science.



- **May 2017: University of Huelva, Spain**, Erasmus+ Staff Mobility for Teaching, main topic: Environmental Science.



- **February 2016: Universite de Lorraine, Metz France**, Erasmus+ Staff Mobility for Teaching, main topic: Environmental Science.



- **September 2015: University of Granada, Ceuta, Spain** Erasmus+ Staff Mobility for Teaching, main topic: Environmental Science.

- **2009-2014: Bifröst University, Iceland**, SEE Staff Mobility for Teaching (EEA Financial Mechanism), main topic: Environmental Science.

- **April 2011: Universita di Cagliari, Sardegna, Italia** – Guest Professor, Regional Government of Sardinia, Topic: Cartography and GIS.

- **April 2010: - Universita di Cagliari, Sardegna, Italia** – Romanian-Italian Experience Exchange, with the group of Prof. Dr. Alberto Marini.

- **November 2006: Universita degli studi di Torino, Dipartimento di Scienze della Terra, Italia**, Documentation internship funded by CEEX Contract 756/2006, *The Impact of Hydro-Climatic and Pedo-Geomorphological Risks on the Environment in the Bârlad Basin (IRIS)*, Contract Director: Prof. Dr. Constantin Rusu.

- **June 1st - July 31st 2002: Universitatea Joseph Fourier din Grenoble, Franta, Specialization internship in Geographic Information Systems conducted within the SEIGAD Laboratory** (Systemes Environnementaux, Information Geografique et Aide a la Decision).

OTHER MENTIONS

- **Coordinator** of the Student Scientific Circle: **ENVIROGIS in Geomatics Applied to Environmental**
- **President of the NGO EnviroGIS** (for Environmental Protection)
- Participation in **the National Camp of the Romanian Ornithological Society** (2010, 2011, 2012, 2013, and 2015 editions).

Published papers

Web of Science

- 1 Vasile Jitariu*, **Adrian Ursu**, Lilian Niacsu and Pavel Ichim* - Projected Shifts in the Growing Season for Plum Orchards in Romania Under Future Climate Change, **Horticulturae** 2025, 11(12), 1479; WOS:001646640900001 , <https://doi.org/10.3390/horticulturae11121479> , [IF 3, Q1 in HORTICULTURE][AIS 0.416 Q2 HORTICULTURE]
- 2 **Adrian Ursu**, Vasiliică Istrate,*Vasile Jitariu, Ionuț-Lucian Lazăr - Hail Damage Detection: Integrating Sentinel-2 Images with Weather Radar Hail Kinetic Energy, **Remote Sensing** 2025, 17(23), 3850; WOS:001636299600001 <https://doi.org/10.3390/rs17233850> , [IF 4.1, Q1 in GEOSCIENCES, MULTIDISCIPLINARY, Q2 in ENVIRONMENTAL STUDIES, Q2 in REMOTE SENSING][AIS 0.890]
- 3 Petronela Spiridon-Ursu, Iuliana-Gabriela Breaban , Ion Sandu, Adrian Ursu - A GIS-based model for multicriteria assessment of architectural cultural heritage conservation status, Present Environment and Sustainable Development, Volume 18, Issue no.2/ 2024,ESCI <https://doi.org/10.47743/pesd2024182013>
- 4 Cojocariu, Luminița L., Loredana Copăcean, **Adrian Ursu**, Veronica Sărățeanu, Cosmin A. Popescu, Marinel N. Horablaga, Despina-Maria Bordean, Adina Horablaga, and Cristian Bostan. **2024**. "Assessment of the Impact of Population Reduction on Grasslands with a New "Tool": A Case Study on the "Mountainous Banat" Area of Romania" **Land** 13, no. 2: 134. <https://doi.org/10.3390/land13020134> [IF 3.9, Q2 in ENVIRONMENTAL STUDIES][AIS 0.511 Q4 ENVIRONMENTAL STUDIES]
- 5 Istrate, George-Adrian, Vasiliică Istrate, **Adrian Ursu**, Pavel Ichim, and Iuliana-Gabriela Breabăn. **2023**. "Using Diachronic Cartography and GIS to Map Forest Landscape Changes in the Putna-Vrancea Natural Park, Romania" **Land** 12, no. 9: 1774. <https://doi.org/10.3390/land12091774> , WOS:001078640800001[IF 3.9, Q2 in ENVIRONMENTAL STUDIES][AIS 0.511 Q4 ENVIRONMENTAL STUDIES]
- 6 Vasilica Secu, Cristian ; Constantin Stoleriu, Cristian; Dan Lesenciuc, Cristian ; **Adrian Ursu.2023**. "Normalized Sand Index for Identification of Bare Sand Areas in Temperate Climates Using Landsat Images, Application to the South of Romania": **Remote Sensing**, Volume14,Issue15, <https://doi.org/10.3390/rs14153802> , WOS:000839856800001, **AIS - 0.918**
- 7 Alexandru Ciutea , Liviu Apostol , **Adrian Ursu.2022**. " Using Sentinel 2 satellite images for estimating the spatial and altitudinal distribution of the coniferous and deciduous species of the Eastern Carpathians of Romania"Present Environment and Sustainable development -16..2, **AIS - 0.047**
- 8 Rusu, A.; **Adrian Ursu**; Stoleriu, C.C.; Groza, O.; Niacșu, L.; Sfică, L.; Minea, I.; Stoleriu, O.M.**2020** ” Structural Changes in the Romanian Economy Reflected through Corine Land Cover Datasets. **Remote Sensing**, 12, 1323, <https://doi.org/10.3390/rs12081323>, WOS:000534628800096, **AIS - 0.933**
- 9 **Adrian Ursu**; Stoleriu, Cristian C.; Ion, Constantin; Jitariu, Vasile; Enea, Andrei. **2020**. "Romanian Natura 2000 Network: Evaluation of the Threats and Pressures through the Corine Land Cover Dataset"” **Remote Sensing** 12, no. 13: 2075. <https://doi.org/10.3390/rs12132075>, WOS:000550807200001, **AIS - 0.933**
- 10 Iosub, M., Minea, I., Chelariu, O. E., **Adrian Ursu.2020**. "Assessment of flash flood susceptibility potential in Moldavian plain(Romania)". Journal of Flood Risk Management, XXX, e12588., <https://doi.org/10.1111/jfr3.12588>, WOS:000505549600001
- 11 Niacsu, Lilian; Sfica, Lucian; **Ursu, Adrian**; Ichim, Pavel; Breaban, Iuliana Gabriela, Bobric Diana.2019. "Wind erosion on arable lands, associated with extreme blizzard conditions within the hilly area of Eastern Romania" —**Environmental Research**, Impact Factor: 4.732, AI: 1.169, ISSN: 00139351 <https://www.sciencedirect.com/journal/environmental-research/vol/169/suppl/C> , <https://doi.org/10.1016/j.envres.2018.11.008> , WOS:000458592200010,

- 12 Ramazanova Makhabbat; Bulai Mihai; **Adrian Ursu**; Deya Tortella, Bartolome;Kakabayev, Anuarbek2019.”Effects of tourism development on surface area of main lakes of Shchuchinsk–Burabay resort area, Kazakhstan”- **European Journal Of Tourism Research**, Volume: 21 Pages: 69-86, WOS:000462363400005
- 13 Ion Constantin; Baltag Emanuel Ștefan; **Adrian Ursu**; Sfică Lucian;Ignat Alina Elena; Stoleriu Cristian Constantin.**2019**. Relationship between environmental features and bird assemblages in the wetlands of Eastern Romania - **Present Environment And Sustainable Development**, Volume: 13 Issue: 1 Pages: 265-290, <https://doi.org/10.2478/pesd-2019-0021> , WOS:000472617500021, **AIIS - 0.044**
- 14 Sfică, L., Ichim, P., Apostol, L., **Adrian Ursu**.2017. “The extent and intensity of the Urban Heat Island in Iași city, Romania”. **Theoretical and Applied Climatology** . Impact factor: 2.640, AIS: 0.790, <https://doi.org/10.1007/s00704-017-2305-4> ,WOS:000448861400004
- 15 **Adrian Ursu** , Vasile Jitariu, Alexandru Ciutea.2017. “Estimating The Impact Of Human Activities On The Environment In Moldova Region (Hi Index)” - **Present Environment And Sustainable Development**,VOL.11,no.2,<https://doi.org/10.1515/pesd-2017-0031> WOS:000424587200011
- 16 **Adrian Ursu**, Andrei Marius, Chelaru Dan Adrian, Ichim Pavel.**2016**.”Built-Up Area Change Analysis In Iasi City Using Gis, **Present Environment and Sustainable Development**, VOL. 10, no. 1, Page 201-216, <https://doi.org/10.1515/pesd-2016-0018>, WOS:000437784700018
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Assoc.prof. phd. Adrian Ursu