

Curriculum vitae



Europass



Personal informations

Name / Surname **GROZAVU Adrian**
E-mail adriangrozavu@yahoo.com
Nationality Romanian

Name of the organisation / Occupation domain **“Alexandru Ioan Cuza” University of Iași, Faculty of Geography and Geology, Professor in the Geography Department**

Work experience

Period february 2000 – present
Occupation or position held **Lecturer, Associate professor, Professor**
Main activities and responsibilities 1. Didactic activities: Natural and anthropic risks, Cartography with elements of topography, General Geography (physical), Geomorphology
2. Research activities
Name and address of employer „Alexandru Ioan Cuza” University of Iași, Faculty of Geography and Geology, Geography Department
Type of business or sector Education, Scientific research

Period february 1991 - february 2000
Occupation or position held **Preparator, Assistant, Lecturer**
Main activities and responsibilities 1. Didactic activities: Geomorphology, Cartography - Topography, General Geography
2. Research activities
Name and address of employer „Stefan cel Mare” University of Suceava, Faculty of Letters and Sciences, Department of History and Geography
Type of business or sector Education, Scientific research

Education and training

Period **2017**
Qualification / diploma awarded Habilitation certificate, OMEN nr. 5761 / 27.12.2017
Field Geography

Period **october 2015**
Qualification / diploma awarded Projects management, Code COR 242101
Name of organisation S.C. TAAS CONSULTANCY S.R.L.

Period **september 1992 – september 2000**
Qualification / diploma awarded PhD
Field Geography

Period **october 1985 – june 1989**
Qualification / diploma awarded Bachelor
Field Geography and a foreign language (French)
Name of organisation „Alexandru Ioan Cuza” University of Iași, Faculty of Biology, Geography and Geology

Foreign languages

Self-assessment

European level (*)

French

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user	C2	Proficient user
B1	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

(*) *Common European Framework of Reference for Languages*

Fields of competence Physical Geography, Geomorphology, Natural and anthropic risks, Cartography

Membership in scientific associations

1. European Geosciences Union (EGU);
2. HYDRIS – Association pour la recherche sur les hydrosystèmes et les milieux humides (France);
3. Romanian Geography Society (SGR);
4. Romanian Geomorphologists Association (AGR);

Awards, diplomas and medals

1. **PN-III-P1-1.1 Prizes** - PRECISI-2020- **47568** and **47883** (UEFISCDI) scientific articles in Q2 quartile.
2. **"Book of the year" Diploma, 2018**, awarded by the Romanian Geography Society for the book *Environmental Risks*, IntechOpen, London, 102 p. (Eds.: Mihai, F.C., **Grozavu, A.**).
3. **UEFISCDI Prize, 2017**, for the article "*Towards Urban Resilience: A Multi-Criteria Analysis of Seismic Vulnerability in Iasi City (Romania)*", *Sustainability*, 9(2): 270 (authors: Bănică, A., Roșu, L., Muntele, I., **Grozavu, A.**).
4. **UEFISCDI Prize, 2013**, for the article "*Assessing the spatial variability of coefficients of landslide predictors in different regions from Romania using logistic regression*", *Nat. Hazards Earth Syst. Sci.*, 13, pp. 3339-3355 (authors: Mărgărint, M.C., **Grozavu, A.**, Patriche, C.V).
5. **UEFISCDI Prize, 2012**, for the article "*Quantifying human vulnerability in rural areas: case study of Tutova Hills (Eastern Romania)*", *Nat. Hazards Earth Syst. Sci.*, 12(6), pp. 1987-2001 (authors: Stanga, I., **Grozavu, A.**).
6. **BEST POSTER AWARD, 2012**, awarded at the 32nd International Geographical Congress (section Risk & Conflicts), 26-30 august 2012, Koln (Germany), pentru for the work "*Comparative assessment of landslide susceptibility using Logistic Regression and Analytic Hierarchy Process*", (authors: **Grozavu, A.**, Margarint, M.C., Patriche, C.V.).
7. **1st Prize and Gold Medal "ZLATÝ KOSÁK 2005"**, Nitra, august 2005, awarded by the Slovak Ministry of Agriculture for the book "*Viacjazyčný multimediálny slovník životného prostredia a vedných disciplín týkajúcich sa Zeme*" (*Environment and Earth Sciences Multilanguage Multimedia Dictionary*) (coordinators: **Grozavu, A.**, Kocsis, L.S.).

Publications (Annex 1)

- 5 (five) books published in academic publishing houses, of which: 1 (one) as sole author, 2 (two) as coordinator and co-author, 2 (two) as co-author
- 4 (four) book chapters published abroad and in the country
- 67 scientific articles published *in extenso* (40 articles as sole author or first author), of which: 14 articles in ISI-indexed journals, 13 articles in proceedings of ISI-indexed international conference, 11 articles in IDB-indexed journals, 29 articles in journals with other quotations, or book chapters.

Papers presented at scientific events

- 121 scientific papers, of which 37 presented abroad (Russia, Netherlands, Italy, Tunisia, Portugal, Switzerland, Slovakia, Germany, Austria, Bulgaria, France, Republic of Moldova, Greece, Cyprus, Spain), 51 in scientific events from the country with international participation and 33 in other scientific events in the country.

Scientific research projects and grants

- 9 research projects and grants, of which: director of 2 projects (1 international and 1 national), collaborator of 3 other international and 4 other national projects.

Citations in the literature

- 250 citations of own contributions in scientific articles and specialized books (of which: 150 citations in ISI-indexed journals; 45 citations in IDB-indexed journals, etc.).

Didactic activity Courses

Discipline

Cartography with elements of topography

Specialisation / series

Geography (2000-2011; 2014- present), Environment Geography (2000-2009; 2014-present), Hidrology-Meteorology (2000-2009; 2014-present), Territorial planning (2014-present)

Cartography with elements of geomatics	Territorial planning (2009-2013), Geography of tourism (2009-present)
Cartographie avec des éléments de géomatique	Geography of tourism (in French) (2010- 2019)
Géomorphologie	Geography of tourism (in French) (2012- prezent)
Géographie générale (physique et humaine)	Geography of tourism (in French) (2010- 2017)
Natural and anthropic risks	Geography (2003-present), Environment Geography (2003-present), Territorial planning (2003-present), Hidrology-Meteorology (2003-present)
<i>Fundamentals of risk research theory and methodology</i>	Master: Natural risks and land use planning (2014- present), Master: Present environment and sustainable development (2014- present)
<i>Analytical and digital cartography</i>	Master: Geomatics (2014- 2017)
Practical works / seminars	
Discipline	Series
Cartographie avec des éléments de géomatique	Geography of tourism (in French) (2010-2019)
Géomorphologie	Geography of tourism (in French) (2012-present)
Géographie générale (physique et humaine)	Geography of tourism (in French) (2010-2018)
Natural and anthropic risks	Geography, Environment Geography, Territorial planning, Hidrology-Meteorology (2003-2008)
<i>Analytical and digital cartography</i>	Master: Geomatics (2014-2017)
Practical student applications	Coordination, annually, of 1-2 student applications and specialized practices, in all major physical and geographical units of Romania, as well as abroad (Bulgaria, Croatia, Greece, Montenegro).

Additional informations

International visibility

- Visiting Professor at Michel de Montaigne University Bordeaux 3, France, April 1-30, 2004, with lectures on 'Natural and anthropic risks in Romania'
- Erasmus Mundus mobility at the "Alecu Russo" University of Bălți (Republic of Moldova), 01-31 mai 2015.
- Teaching missions at the "Louis Papy" Institute of Geography, Bordeaux (France), 1998, 1999, 2001, 2003, 2006, 2009, with lectures focused on Geomorphology and Physical Geography

Expert, evaluator

- CNCSIS expert evaluator, 2007-2010
- AUF (Agence Universitaire de la Francophonie) expert evaluator, 2007 - present
- ARACIS expert evaluator (member of the National Register of Evaluators of ARACIS), 2010 – present)

Managerial experience

- Dean of the Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași (2016 – 2020; 2020 - present);
- Vice-Dean of the Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași (2008-2012; 2012-2016);
- Member of the Council of the Faculty of Geography and Geology (2004-2008; 2008-2012; 2012-2016; 2016 – 2020; 2020 - present);
- Director or team member in 9 national and international projects;
- Organization of scientific events: **1.** Symposium "Land use and environmental quality", 1996 and 1998 editions, Suceava; **2.** International Geographical Seminar "Dimitrie Cantemir", editions 2008 - 2020, Iași; **3.** International Symposium "Present Environment and Sustainable Development", editions 2006 - 2020, Iași. **4.** National Symposium on Geomorphology, 13th edition, Iași, 11-14 May 2017; **5.** National symposium "Pedogenetic factors and processes in the temperate zone", editions 2016 - 2019, Iași).

- Member of editorial teams**
- Member Editorial Board: Carpathian Journal of Earth and Environmental Sciences journal (ISI-indexed)
 - Member Editorial Board: Present Environment and Sustainable Development journal (ISI-indexed)
 - Co-Editor: Papers of the 'Dimitrie Cantemir' Geographical Seminar (IDB-indexed), "Alexandru Ioan Cuza" University of Iași;
 - Member Editorial Board: Scientific Annals of Alexandru Ioan Cuza University of Iasi – Geography series (IDB-indexed), "Alexandru Ioan Cuza" University of Iași;
 - Member Editorial Board: Forum Geografic. Studii si cercetari de geografie si protectia mediului journal (IDB-indexed), University of Craiova;
 - Member Editorial Board : Dynamiques Environnementales journal (IDB-indexed), Bordeaux, France;

- Annexes**
- Annex 1 List of published scientific papers
 - Annex 2 List of papers presented at scientific events
 - Annex 3 List of scientific research projects
 - Annex 4 Didactic-scientific skills
 - Annex 5 List of citations in the literature

30.04.2021

Prof. univ. dr. habil Adrian GROZAVU



LIST OF PUBLISHED SCIENTIFIC PAPERS

A. Books and book chapters

Books published abroad

9. Mihai, F.C., **Grozavu, A.** (Eds.), **2018**, *Environmental Risks*, IntechOpen, London, 102 p., print ISBN 978-1-78984-223-4, online ISBN 978-1-78984-224-1, <http://dx.doi.org/10.5772/intechopen.72155>
- **Grozavu, A.**, Kocsis, St. et al., **2005**, *Diccionario Multimedia Multilingüe de las Ciencias de la Tierra y el Medioambiente*, Gestión Servicios Pequeñas Empresas, Málaga (Spain).
- **Grozavu, A.**, Kocsis, St. et al., **2005**, *Könyvetvédelmi és Földtudományok Többnyelvű Multimédia Szótár*, SZTE MFK, Hódmezővásárhely (Hungary).
- **Grozavu, A.**, Kocsis, St. et al., **2005**, *Ympäristö-ja Geotieteiden Monikielinen Multimedia Sanakirja*, Visiolink Oy, Tampere (Finland).
- **Grozavu, A.**, Kocsis, St. et al., **2005**, *Πολυγλωσσο λεξικο Περιβαλλοντικων και Γεωτεχνικων επιστημων με χρηση πολυμεσων*, IDEC, Athena (Greece).

Books published in the country

8. **Grozavu, A.**, Kocsis, L.Ş. (Coord.), **2005**, *Dicţionar poliglot multimedia de Mediu şi Ştiinţe ale Pământului*, Edit. Azimuth, Iaşi, 646 p., ISBN 973-87276-1-8.
7. **Grozavu, A.**, **2003**, *Subcarpaţii dintre Trotuş şi Şuşita. Studiu fizico-geografic*, Edit. Corson, Iaşi, 317 p., ISBN 973-8225-15-9.
6. Iosep, I., **Grozavu, A.**, **2003**, *Cartografie. Îndrumar de activităţi asistate pentru învăţământ la distanţă*, Edit. Universităţii "Ştefan cel Mare" Suceava, 66 p., ISBN 973-8293-92-8.
5. Brânduş, C., **Grozavu, A.**, Efras, V., Chiriţă, V., **1998**, *Dicţionar de termeni fizico-geografici*, Edit. Chemarea, Iaşi, 438 p., ISBN 973-9237-49-5.

Book chapters published abroad

4. **Grozavu, A.**, Mihai, F.C., **2018**, *Introductory Chapter: Environmental Risks between Conceptualization and Action*, In: Mihai, F.C., Grozavu, A. (coord.), *Environmental Risks*, pp. 1-12, IntechOpen, London, DOI: 10.5772/intechopen.81072
3. **Grozavu, A.**, Pleşcan, S., Patriche, C.V., Mărgărint, M.C., Roşca, B., **2013**, *Landslide susceptibility assessment: GIS application to a complex mountainous environment*, In: Kozak, J. et al. (eds.), *The Carpathians: Integrating Nature and Society Towards Sustainability*, Environmental Science and Engineering, pp. 31-44, Edit. Springer-Verlag Berlin Heidelberg, http://link.springer.com/chapter/10.1007/978-3-642-12725-0_4#page-1.
2. Mărgărint, M.C., **Grozavu, A.**, Dimitriu, R.I., **2012**, *La dynamique des surfaces boisées dans les cent vingt dernières années des bassins hydrographiques de Ozana et Topoliţa (Carpathes Orientales, Roumanie)*, Terre hautes - terres basses: disparités, Hochland – Tiefland: Disparitäten, (rédaction: Furter R., Head-König A.L., Lorenzetti L., Mathieu J.), pp. 165 – 177, Edit. Cronos, Zürich, ISBN 978-3-0340-1130-3, http://www.chronos-verlag.ch/php/book_latest-new.php?book=978-3-0340-1130-3&type=Inhalt_Sammelband.

Book chapters published in the country

1. Patriche, C.V., Pîrnău, R.G., Roşca, B., Mărgărint, M.C., **Grozavu, A.**, **2018**, *Modelarea spaţială a susceptibilităţii terenului la alunecări*, In: Rusu, C., Bulgariu, D. (coord.), *Studii şi cercetări în geotehnice*, vol. 2, pp. 13-19, Edit. Univ. Alexandru Ioan Cuza, Iaşi, ISBN: 978-606-714-478-9

B. Articles published in ISI-indexed journals

14. Urzică, A., **Grozavu, A.**, **2021**, *Flood hazard assessment in the joint floodplain sector of Başeu and Prut rivers (NE Romania) by reconstructing historical flood events*, *Carpathian Journal of Earth and Environmental Sciences*, 16(2): 275-286, **IF=0.754**, **AI=0.126**, DOI: 10.26471/cjees/2021/016/173
13. **Grozavu, A.**, Patriche, C.V., **2021**, *Mapping landslide susceptibility at national scale by spatial multi-criteria evaluation*, *Geomatics Natural Hazards & Risk*, 12:1, 1127-1152, **IF=3.528**, **AI=0.724**, <https://doi.org/10.1080/19475705.2021.1914752>
12. Albuşescu, A.C., Larion, D., **Grozavu, A.**, **2021**, *Seismic Risk Perception and Seismic Adjustments in Vaslui City, Romania*, *Natural Hazards Review*, 22(2), **IF=2.101**, **AI=0.444**, DOI: 10.1061/(ASCE)NH.1527-6996.0000453
11. Paveluc, L.E., Mişu-Pintilie, A., Huţanu, E., **Grozavu, A.**, **2021**, *A comparative analysis of historical flood events (post-1990) in the Trebeş-Negel representative basin for Eastern Carpathians and Subcarpathians transition zone*, *Carpathian Journal of Earth and Environmental Sciences*, 16(1): 31-46, **IF=0.754**, **AI=0.126**, Doi: 10.26471/cjees/2021/016/153.
10. Urzica, A., Mişu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I., **Grozavu, A.**, **2021**, *Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania)*, *Water*, 13(1), 57; **IF=2.544**, **AI=0.42**, <https://doi.org/10.3390/w13010057>.
9. Huţanu, E., Mişu-Pintilie, A., Urzica, A., Paveluc, L.E., Stoleriu, C.C., **Grozavu, A.**, **2020**, *Using 1D HEC-RAS Modeling and LiDAR Data to Improve the Flood Hazard Maps Accuracy: A Case Study from Jijia Floodplain (NE Romania)*, *Water*, 12(6), 1624, **IF=2.524**, **AI=0.42**, <https://doi.org/10.3390/w12061624>.
8. Mihai, F.C., **Grozavu, A.**, **2019**, *Role of Waste Collection Efficiency in Providing a Cleaner Rural Environment*, *Sustainability*, 11(23), 6855; **IF=2.592**, **AI=0.335**, doi:10.3390/su11236855.

7. Bănică, A., Roșu, L., Muntele, I., **Grozavu, A., 2017**, *Towards Urban Resilience: A Multi-Criteria Analysis of Seismic Vulnerability in Iasi City (Romania)*, Sustainability, 9(2), 270, **IF=1.789, AIS=0.333**, doi:10.3390/su9020270.
6. Patriche, C.V., Pîrnău, R., **Grozavu, A., Roșca, B., 2016**, *A comparative analysis of binary logistic regression and analytical hierarchy process for landslide susceptibility assessment in the Dobrovăț River Basin, Romania*, Pedosphere, 26(3): 335–350, **IF=1.535, AIS=0,51**, doi:10.1016/S1002-0160(15)60047-9.
5. Mărgărint, M.C., **Grozavu, A., Patriche, C.V., 2013**, *Assessing the spatial variability of coefficients of landslide predictors in different regions from Romania using logistic regression*, Nat. Hazards Earth Syst. Sci., 13, pp. 3339-3355. **IF=1.826, AIS=0.7**, <https://doi.org/10.5194/nhess-13-3339-2013>.
4. **Grozavu, A., Pleșcan, S., Mărgărint M.C., 2013**, *Indicators for the assessment of exposure to geomorphologic and hydrologic processes*, Environ Eng Manag J, 12(11), pp. 2203-2210, **IF=1.258, AIS=0.07**, <http://omicron.ch.tuiasi.ro/EEMJ/issues/vol12/vol12no11.htm>
3. Stângă, I. C., **Grozavu, A., 2012**: *Quantifying human vulnerability in rural areas: case study of Tutova Hills (Eastern Romania)*, Nat. Hazards Earth Syst. Sci., 12(6), pp. 1987-2001. **IF=1.983, AIS=0.7**, <https://doi.org/10.5194/nhess-12-1987-2012>.
2. **Grozavu, A., Mărgărint, M.C., Patriche, C.V., 2012**, *Landslide susceptibility assessment in the Brăești-Sinești sector of Iași Cuesta*, Carpathian J Earth Environ Sci, 7(1), pp. 39-46. **IF=1.495, AIS=0.10**, <http://www.ubm.ro/sites/CJEES/viewIssue.php?issueId=16>
1. Ceobanu, C., **Grozavu, A., 2009**, *Psychosocial effects of the floods. Perception and attitudes*, Carpathian J Earth Environ Sci, 4(2), pp. 25-38. **IF=0.606, AIS=0.10**, <http://www.ubm.ro/sites/CJEES/viewIssue.php?issueId=8>

C. Articles published in proceedings of ISI-indexed international conferences

13. Albulescu, A.C., Larion, D., **Grozavu, A., 2020**, *Multi-criteria assessment of the seismic vulnerability of school units in Vaslui City, Romania*, 12th International Conference Risk Analysis 2020, Conference Proceedings, In: WIT Transactions on Engineering Sciences, 129: 17-28, ISSN 1743-3533, DOI: 10.2495/RISK200021
12. Mihai, F.C., Bănică, A., **Grozavu, A., 2019**, *Backyard burning of household waste in rural areas. Environmental impact with focus on air pollution*, 19th International Multidisciplinary Scientific Geoconference SGEM 2019, Conference Proceedings, 19(5.1): 55-62, ISSN 1314-2704, 10.5593/sgem2019/5.1/s20.007.
11. Deliu, M.G., **Grozavu, A., 2019**, *Sources of landslides inventory. A case study of Berezeni Commune (Moldavian Plateau, Romania)*, 19th International Multidisciplinary Scientific Geoconference SGEM 2019, Conference Proceedings, 19(2.2): 963-979, ISSN 1314-2704, 10.5593/sgem2019/2.2/S11.119.
10. Albulescu, A.C., **Grozavu, A., Larion, D., 2019**, *A GIS-based application of fuzzy AHP and classical TOPSIS methods on assessing the seismic vulnerability of Galați City, Romania*, 19th International Multidisciplinary Scientific Geoconference SGEM 2019, Conference Proceedings, 19(2.1): 737-745, ISSN 1314-2704, 10.5593/sgem2019/2.1/S08.096.
9. Huțanu, E., Urzică, A., Paveluc, L.E., Stoleriu, C.C., **Grozavu, A., 2019**, *Comparative analysis of flooded areas using satellite images LANDSAT 7-ETM+ and hydraulic model HEC-RAS. Case study: The Jijia River, Slobozia-Dingeni section*, International Scientific Conference GEOBALCANICA 2019, Proceedings 2019, p. 625-631, ISSN 1857-7636, DOI: <http://dx.doi.org/10.18509/GBP.2019.72>
8. Paveluc, L.E., Cojoc, G., **Grozavu, A., Huțanu, E., Ciurte, D.L., 2019**, *Hydrological drought experienced in the Trebeș – Negel representative river basin during 2013-2017*, International Scientific Conference GEOBALCANICA 2019, Proceedings 2019, p. 179-184, ISSN 1857-7636, DOI: <http://dx.doi.org/10.18509/GBP.2019.25>
7. Mihai, F.C., Minea, I., **Grozavu, A., 2018**, *Assessment of waste dumping practices in mountain creeks*, 18th International Multidisciplinary Scientific GeoConference SGEM 2018, Conference Proceedings (vol 18), Section Ecology and Environmental Protection, pp. 89-96, <https://doi.org/10.5593/SGEM2018/5.1>
6. Mihai, F.C., Iatu, C., **Grozavu, A., 2018**, *Rural waste disposal issues within urban borders*, 18th International Multidisciplinary Scientific Geoconference SGEM 2018, Conference Proceedings (vol 18), Section Ecology and Environmental Protection, pp. 761-768, ISSN 1314-2704, 10.5593/SGEM2018/5.1
5. **Grozavu, A., Patriche, C.V., Mihai, F.C., 2017**, *Application of AHP method for mapping slope geomorphic phenomena*, 17th International Multidisciplinary Scientific Geoconference. Conference Proceedings (vol 17) on INFORMATICS, GEOINFORMATICS AND REMOTE SENSING, Issue 23, pp.377- 384, ISSN 1314-2704, DOI: 10.5593/SGEM2017/23/S11.046
4. Mihai, F.C., **Grozavu, A., 2017**, *Spatial assessment of construction waste generated by residential buildings in rural areas*, 17th International Multidisciplinary Scientific Geoconference. Conference Proceedings (vol 17) on INFORMATICS, GEOINFORMATICS AND REMOTE SENSING (Issue 23) pp 649 – 656, ISSN 1314-2704, DOI: 10.5593/SGEM2017/23/S11.081
3. **Grozavu, A., Muntele, I., Bănică, A., Roșu, L., Stângă, I.C., 2016**, *A model for mapping physical vulnerability to landslide*, 16th International Multidisciplinary Science Geoconference SGEM 2016, Book 2, Informatics, Geoinformatics and Remote Sensing, Conference proceedings, vol. III, Cartography & GIS, DOI: 10.5593/SGEM2016/B23/S11.002
2. Bănică, A., **Grozavu, A., Roșu, L., Muntele, I., 2016**, *Aspects concerning seismic vulnerability of buildings in Iasi City, Romania*, 16th International Multidisciplinary Science Geoconference SGEM 2016, Book 2, Informatics, Geoinformatics and Remote Sensing, Conference proceedings, vol. III, Cartography & GIS, DOI: 10.5593/SGEM2016/B23/S11.012.
1. **Grozavu, A., Margarint, M. C., Patriche, C.V., 2010**, *GIS applications for landslide susceptibility assessment: a case study in Iasi County (Moldavian Plateau, Romania)*, 7th International Conference on Computer Simulation in Risk Analysis and Hazard Mitigation, Algarve, Portugal, Sep 13-15, 2010, Conference Proceedings, In: RISK ANALYSIS VII: SIMULATION AND HAZARD MITIGATION & BROWNFIELDS V: PREVENTION, ASSESSMENT, REHABILITATION AND DEVELOPMENT OF BROWNFIELD SITES (Ed., Brebbia, CA), pp. PI393-PI404, DOI: 10.2495/RISK100341.

D. Articles published in IDB-indexed journals

11. Muntele, I., **Grozavu, A.**, Sandu, A., **2017**, *La dépression de Hangu – dynamique territoriale*, Actes du Colloque „La montagne, territoire d'innovation”, Grenoble, <https://labexitem.hypotheses.org/647>.
10. Muntele, I., **Grozavu, A.**, **2016**, *Les Carpates Roumaines entre l'extension du système de peuplement et les défis de l'adaptation aux exigences de la modernité*, Revue Roumaine de Géographie/Romanian Review of Geography, 60(2): 133-153, Ed. Acad. Române, ISSN 1220-5311, http://www.rigeo.ro/atasuri/revue%20roumaine%2060_2/Muntele,%20Grozavu.pdf.
9. Lounang Tchatchouang, F.C., Djamfa, R.C., Youta Happi, J., Tchawa, P., **Grozavu, A.**, **2014**, *Expansion des cultures de contre-saison, changements d'utilisation du sol et les implications environnementales dans les paysanneries de l'Ouest Cameroun*, Scientific Annals of Alexandru Ioan Cuza University of Iasi, Volume LX, no. 2., s. II – c, Geography series, pp. 41-57, http://www.analegeo.uaic.ro/index.php/SciGeo/article/view/316/pdf_45.
8. Mărgărint, M.C., Juravle, D.T., **Grozavu, A.**, Patriche, C.V., Pohrib, M., Stângă, I.C., **2013**, *Large landslide risk assessment in hilly areas. A case study of Huși town region (north-east of Romania)*, Italy J. Eng. Geol. Environ., 6, pp. 275-286, <https://doi.org/10.4408/IJEGE.2013-06.B-25>
7. Lounang Tchatchouang, F.C., Youta Happi, J., Ngwa Nebasina, E., **Grozavu, A.**, **2013**, *Spatial dynamics of the grove and its environmental implications on the landscape of western highlands of Cameroon*, Present Environment and Sustainable Development, 7(1), pp. 256-266, <http://www.pesd.ro/articole/nr.7/PESDVOL7NR12013/23SDOTGAIEIOTLOWHOC27052013255266.pdf>
6. Najib, S., **Grozavu, A.**, Mehdi, K., Breabăn, I.G., Guessir, H., Boutayeb, K., **2012**, *Application of the method GALDIT for the cartography of groundwaters vulnerability: aquifer of Chaouia coast (Morocco)*, Scientific Annals of Alexandru Ioan Cuza University of Iasi – Geography series IIc, tom LVII, pp. 77-88, <http://www.analegeo.uaic.ro/index.php/SciGeo/article/view/Najib/pdf>.
5. Lounang Tchatchouang, F.C., Tchagang Nono, E.R., Youta Happi, J., **Grozavu, A.**, **2012**, *Problématique de la conservation des formations végétales résiduelles à Batoufam dans les hautes terres de l'Ouest Cameroun*, Scientific Annals of Alexandru Ioan Cuza University of Iasi – Geography series IIc, tom LVII, pp. 89-104, <http://www.analegeo.uaic.ro/index.php/SciGeo/article/view/Tchatchouang/pdf>.
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ANNEX 3 LIST OF SCIENTIFIC RESEARCH PROJECTS

Coordination				No. of members
No. crt.	Project title, identification data	Period	Amount	
		Achievements		
1.	<i>Environment and Earth Sciences Multilanguage Multimedia Dictionary</i> , LEONARDO da VINCI project, no. RO/02/C/F/RF-84251.	2002-2005	510.000 Euro	13
		One book (A7) published in 11 languages, in 12 european countries + versions on CD and online		
2.	<i>Analiza și prognoza proceselor de degradare a terenurilor din bazinele subcarpatice ale Trotușului, Oituzului, Cașinului și Șușiței în vederea planningului teritorial și dezvoltării durabile</i> , contract CNCISIS, no. 35252/2001, code CNCISIS 943.	2001-2003	150.000.000 lei	12
		One book (A6), 1 article (E15)		
Collaboration				
1.	<i>Moderniser la formation en energies renouvelables au Maghreb: Transfert de l'expérience UE</i> , proiect TEMPUS, no. 543713-TEMPUS-1-2013-1-ES-TEMPUS-JPHES, coordinator: University of Tetouan, Maroc.	2014-2017	980.000 Euro	14
2.	<i>European Curriculum of Methodological Training of Trainers in the Field of Environmental Education</i> , proiect LEONARDO da VINCI, no. RO/05/B/PP175010, director of the project: associate professor. dr. Naela Costică, Faculty of Biology, UAIC Iași.	2006-2008	-	8
		2 articles (E22-23)		
3.	<i>Proiectarea și implementarea fondului național de date digitale al îmbunătățirilor funciare (FNDDIF). Studiu de fundamentare și proiectare pilot pentru zona județului Iași</i> , contract CEEX no. 76/2006, director of the project from UAIC: lecturer. dr. Mihai Ciprian Mărgărint.	2006-2008	-	
		2 articles (E 25, E27)		
4.	<i>Cercetări privind continuitățile și discontinuitățile spațio-temporale în ariile de contact a regiunilor montane, subcarpatice, de podiș, piemontane și de câmpie, dintre văile Moldova și Putna</i> , contract CNCISIS, director of the project: prof. dr. Gheorghe Lupașcu.	2001-2003	-	
		1 article (E16)		
5.	<i>Utilizarea mijloacelor digitale în cartografia tematică. Aplicații asupra potențialului teritoriilor administrative din județul Iași necesare pentru fundamentarea fizică și uman geografică a proiectelor de dezvoltare durabilă</i> , contract CNCISIS, director of the project: lecturer Mărgărint Mihai-Ciprian.	2001-2003	-	
		1 article (E19)		
6.	<i>Romania-Resources Management and Local Development Network</i> , proiect SOCRATES/ERASMUS, nr. 31579-IC-3-1999-1-GR-ERASMUS-CDA-4, director of the project: prof. dr. George Balafoutas, Univ. Aristotelis, Thessaloniki, Grecia.	1999-2002	10.000 Euro (UAIC)	
		1 article (E17)		
7.	<i>Cercetări privind influența factorilor fizico-geografici asupra stării de degradare a terenurilor din județul Iași</i> , contract CNCISIS, director of the project: prof. dr. Gheorghe Lupașcu.	1999-2001	-	
		1 article (E18)		

ANNEX 4
DIDACTIC-SCIENTIFIC SKILLS

Disciplines within the curriculum included in the teaching position and the type of activity carried out (course, seminar, LP)		Number of books, number of scientific papers in the field of teaching disciplines **
Discipline	Specialization and study cycle	
Fundamentals of risk research theory and methodology (OB), C	Master, 1 st year, Present environment and sustainable development Master, 1 st year, Natural risks and land use planning	Doctoral thesis (A7), 4 book chapters (A1-4), 8 ISI articles (B1-7, B9), 9 ISI proceedings (C1-3, C5, C8-11, C13), 9 IDB articles (D2, D4-11), 7 articles in conference volumes (E19-20, E24, E26-27, E29, E31)
Natural and anthropic risks (OB), C	Licence, III rd year, all specialisations	
Cartography with elements of topography (OB), C	Licence, 1 st year, Geography + Territorial planning + Hidrology-Meteorology + Environment Geography	1 book chapter (A2), 3 ISI articles (B3, B5, B7), 6 ISI proceedings (C3-7, C9), 6 BDI articles (D3, D6-7, D9-11), 2 articles in conference volumes (E5, E9)
Cartography with elements of geomatics (OB), C+LP	Licence, 1 st year, Geography of tourism	
Cartographie avec des éléments de géomatique (OB), C+TD	Licence, 1 st year, Geography of tourism (in French)	
Géomorphologie (OB), C+TD	Licence, II nd year, Geography of tourism (in French)	Doctoral thesis (A7), 2 book chapters (A1, A3), 4 ISI articles (B2, B4-6), 5 ISI proceedings (C1, C3, C5, C11-12), 2 IDB articles (D1, D8), 21 articles in conference volumes (E1-18, E20-21, E29)

LIST OF CITATIONS IN THE LITERATURE

Nr. crt	REFERENCE PAPER	CITED PAPER
CITATIONS IN ISI-INDEXED JOURNALS		
1.	Varlas, G., Papadopoulos, A., Papaioannou, G., Dimitriou, E., 2021 , <i>Evaluating the Forecast Skill of a Hydrometeorological Modelling System in Greece</i> , Atmosphere, 12(7): 902, IF=2.686 , DOI: 10.3390/atmos12070902	Urzică, A., Mișu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huțanu, E., Pricop, C.I., Grozavu, A., 2021 , <i>Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania)</i> , Water, 13(1), 57; https://doi.org/10.3390/w13010057 .
2.	Tedla, G.M., Cho, Y., Jun, K., 2021 , <i>Flood Mapping from Dam Break Due to Peak Inflow: A Coupled Rainfall–Runoff and Hydraulic Models Approach</i> , Hydrology, 8(2):89, IF=2.672 , DOI: 10.3390/hydrology8020089	
3.	Bilașco, S., Roșca, S., Vescan, I., Fodorean, I., Dohotar, V., Sestras, P., 2021 , <i>A GIS-Based Spatial Analysis Model Approach for Identification of Optimal Hydrotechnical Solutions for Gully Erosion Stabilization. Case Study</i> , Appl. Sci., 11(11):4847, IF=2.842 ; https://doi.org/10.3390/app11114847	
4.	Bilașco, S., Roșca, S., Vescan, I., Fodorean, I., Dohotar, V., Sestras, P., 2021 , <i>A GIS-Based Spatial Analysis Model Approach for Identification of Optimal Hydrotechnical Solutions for Gully Erosion Stabilization. Case Study</i> , Appl. Sci., 11(11): 4847, IF=2.842 ; https://doi.org/10.3390/app11114847	Huțanu, E., Mișu-Pintilie, A., Urzică, A., Paveluc, L.E., Stoleriu, C.C., Grozavu, A., 2020 , <i>Using 1D HEC-RAS Modeling and LiDAR Data to Improve Flood Hazard Maps Accuracy: A Case Study from Jijia Floodplain (NE Romania)</i> , Water, 12(6): 1624, doi:10.3390/w12061624
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