



## Curriculum vitae Europass



### Personal information

Surname / Name **Niculiță Mihai**

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Nationality Romanian

Birth date 26.08.1984

Sex Male

**Current job/  
Occupational field** Associate professor - Geomorphology, Physical geography, Romanian Physical Geography, Applied Geoinformatics, GIS in Geomorphology, Process Geomorphology

### Professional experience

Period 1 October 2020 – present

Occupation or position held **Associate Professor**

Main activities and responsibilities

1. Teaching Activity: Geomorphology, Physical Geography of Romania, Natural Tourism Heritage, GIS in Geomorphology, Process Geomorphology
2. Research activities: research activity financed by the Geography Department, research financed by UEFISCDI

The name and address of the employer 1 and 2 Department of Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iasi

Type of business or sector of activity Higher Education, Scientific Research

Period 16 February 2016– 1 October 2020

Occupation or position held **Lecturer**

Main activities and responsibilities

1. Teaching Activity: Geomorphology, Physical Geography of Romania, Applied Geoinformatics, GIS in Geomorphology
2. Research activities: research activity financed by the Geography Department, research financed by POSDRU, PNCD, PN II, National Geographic

The name and address of the employer 1 and 2 Department of Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iasi

Type of business or sector of activity Higher Education, Scientific Research

Period 12 February 2013 – 15 February 2016

Occupation or position held **Assistant Professor**

Main activities and responsibilities	<ol style="list-style-type: none"> <li>1. Teaching Activity: Geomorphology, Physical Geography of Romania, Applied Geoinformatics, Remote sensing and Aerial photo-interpretation</li> <li>2. Research activities: research activity financed by the Geography Department, research contracts financed by POSDRU and PNCDII (European and National financing)</li> </ol>
The name and address of the employer	1 and 2 Alexandru Ioan Cuza University of Iasi, Geography and Geology Faculty
Type of business or sector of activity	Higher Education, Postgraduate Studies, Scientific Research
Period	19 February 2008 – 11 February 2013
Occupation or position held	<b>Teaching assistant</b>
Main activities and responsibilities	<ol style="list-style-type: none"> <li>1. Teaching Activity: Geomorphology, Physical Geography, Physical Geography of Romania</li> <li>2. Research activities: research activity financed by the Geography Department, research contracts financed by POSDRU, CEEX and PNCDII (European and national financing)</li> </ol>
The name and address of employer	1 and 2 Department of Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iasi
Type of business or sector of activity	Higher Education, Postgraduate Studies, Scientific Research
Period	December 2006 – February 2007
Occupation or position held	<b>GIS Technician</b>
Main activities and responsibilities	1:25 000 topographic maps digitization
The name and address of employer	Department of Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iasi
Type of business or sector of activity	Scientific Research
<b>Education and training</b>	
Period	<b>22 February – 8 March 2019</b>
Title of qualification awarded	Research Mobility
Principal subjects/occupational skills	Assessment of landslide activity from Moldavian Plateau during the Holocene and the Anthropocene: fundamental element for landslide hazard assessment in the context of climate changes
The name and type of educational institution/provider training	Department of Land, Environment, Agriculture and Forestry, University of Padova
Period	<b>1 August – 1 September 2015</b>
Title of qualification awarded	Research Mobility
Principal subjects/occupational skills	Spatial patterns, causes, and consequences of landslides in Bahlui catchment, Moldavian Plateau, Romania
The name and type of educational institution/provider training	Geography and Tourism Division, KULeuven, Belgium
Period	<b>1 March – 28 May 2015</b>
Title of qualification awarded	Research Mobility
Principal subjects/occupational skills	Modeling of the landslide susceptibility in the Moldavian Plateau using heuristic and statistic methods
The name and type of educational institution/provider training	Research Institute for Hydrogeological Protection (IRPI) of the Italian National Research Council (CNR), Perugia, Italy
Period	<b>8 April 2014 – May 2016</b>
Title of qualification awarded	Advanced Scientific Research
Principal subjects/occupational skills	Postdoctoral scholarship funded by the project: "Doctoral Programs and postdoctoral excellence for training highly qualified human resources for research in the life sciences, environmental and earth sciences", grant POSDRU/159/1.5/S/133391
The name and type of educational institution/provider training	Department of Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iasi
Period	<b>9 October 2009 – 21 December 2012</b>
Title of qualification awarded	PhD in Geography – thesis – A framework for the geomorphometric analysis of landforms represented on digital elevation models
Principal subjects/occupational skills	Scholarship for doctoral studies funded through the project "PhD studies: portal to a career of excellence in research and knowledge society", grant POSDRU/88/1.5/S/47646

The name and type of educational institution/provider training	Geography-Geology Doctoral School, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iasi																														
Period	1 October 2007 – 15 June 2009																														
Title of qualification awarded	Master Degree																														
Principal subjects/occupational skills	Soil Science																														
The name and type of educational institution/provider training	Department of Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iasi																														
Period	1 October 2003 – 15 June 2007																														
Title of qualification awarded	Bachelor's Degree																														
Principal subjects/occupational skills	Geography – Geomorphology and Pedology																														
The name and type of educational institution/provider training	Department of Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iasi																														
Mother tongue	Romanian																														
Other languages	English, French, Italian																														
Autoevaluation																															
European level(*)																															
<b>English</b>	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2">Written expression</th> </tr> </thead> <tbody> <tr> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production		Written expression		B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
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	(*)Common European Framework of Reference for Languages																														
Certification	Cambridge English Level 1 Certificate in ESOL International (First) – Grade B (179), Examination MARCH UF (AM1) 2019, IASI, Ref. no. 193RO0040010, Accred. No. 500/2705/0, Issued 12/04/2019, Certificate No. 0064364828																														
<b>Fields of competence</b>	<p>Geomorphology, Geomorphometry, Soil Science, Landslides, GIS, Geomorphologic risk evaluation Quaternary Geomorphology, Geoheritage evaluation, Terraced areas Geomorphology, Fluvial Geomorphology, Student advice, Didactics</p> <p>Member in the CERNESIM Laboratory: <a href="https://erris.gov.ro/cernesim.uaic.ro">https://erris.gov.ro/cernesim.uaic.ro</a>, Geomatics Laboratory</p> <p>Membru in the RECENT AIR - Research Center with Integrated Techniques for Atmospheric Aerosol Investigation in Romania, in RA-08 Laboratory of interdisciplinary research of mountain environment and RA-10 Laboratory of geography and earth physics (<a href="https://eertis.eu/erso-2300-000q-2039">https://eertis.eu/erso-2300-000q-2039</a>)</p>																														
<b>Membership in international and national scientific societies</b>	<ol style="list-style-type: none"> <li>1. Member in 2009 of the <i>Romanian Association of Professional Geographers</i>;</li> <li>2. Member from 2008 of the <i>Romanian Association of Geomorphologists (AGR)</i>;</li> <li>3. Member from 2008 of the <i>International Association of Geomorphologists (IAG)</i>;</li> <li>4. Member from 2008 of the <i>Romanian Soil Sciences Society (SNRSS)</i>;</li> <li>5. Member from 2008 of the <i>International Union of Soil Sciences (IUSS)</i>;</li> <li>6. Member from 2013 of the <i>European Geosciences Union (EGU)</i>;</li> <li>7. Member from 2012 of the <i>International Society of Geomorphometricians (ISG)</i></li> <li>8. Member in 2016 of the <i>Balkan Environmental Association</i></li> <li>9. Member in 2016-2017 of the <i>European Society for Soil Conservation</i></li> <li>10. Member from 2016 of the <i>International Terraced Landscape Alliance</i></li> <li>11. Member from 2016 of the <i>ProGEO (The European Association for the Conservation of the Geological Heritage)</i></li> <li>12. Member from 2018 of the <i>AGU (American Geophysical Union)</i></li> <li>13. Member from 2020 of the <i>AARG (Aerial Archeology Research Group)</i></li> <li>14. Member from 2021 of the <i>SGR (Societatea de Geografie din România)</i></li> <li>15. Member from 2021 of the <i>IEEE (Institute of Electrical and Electronics Engineers)</i></li> <li>16. Member from 2021 of the <i>GRSS (Geoscience and Remote Sensing Society)</i></li> <li>17. Member from 2021 of the <i>AAG (American Association of Geographers)</i></li> <li>18. Member from 2021 of the <i>LandAware international network</i></li> <li>19. Member from 2021 of the <i>Mountain Research Initiative</i></li> </ol>																														

Diplomas and medals	<ol style="list-style-type: none"> <li>1. Simion Mehedinti Award - <b>Niculiță Mihai</b>– <i>Geomorphologic study of Pietricica Mountain</i>, students' Geographical National Symposium, 11th Edition, 2004, Bucharest.</li> <li>2. <b>1st prize - Niculiță Mihai, Ciuhat Andrei</b> – <i>Hydro-geomorphological considerations regarding Iasi Cuesta Front</i>, students' Geographical National Symposium, 12th Edition, 2005, Bucharest.</li> <li>3. <b>Excellence Diploma</b>, for outstanding results obtained in scientific research during 2016, provided by the Board of Directors and Senate of Alexandru Ioan Cuza University of Iasi.</li> <li>4. <b>Best Paper Award</b>, with the paper <i>Landslide hazard induced by climate changes in North-Eastern Romania</i> presented at Symposium Climate Change and Natural Hazards: coping with and managing hazards in the context of a changing climate, Springer, University of Padova, Italy, 25-26 February, 2019.</li> </ol>
Invited presentations	<ol style="list-style-type: none"> <li>1. <b><u>Abandoned reservoirs and gully erosion analysis using LiDAR</u></b> at the Workshop "Remote Sensing for land degradation analysis and sustainable management of agroforestry systems", 27 November, 2020, University of Padova, Italy, organized by the 7th section of Italian Society of Agricultural Engineering.</li> <li>2. <b><u>Natural hazards and their effects on the environment: between reality and legislation</u></b> at the Conference Environment Law. Legislation and practical aspects, 04 December 2020, Grant "ÎMBUNĂTĂȚIREA CALITĂȚII ACTIVITĂȚII DIDACTICE PRIN PERFEȚIONAREA ÎN DOMENIUL ȘTIINTELOR JURIDICE A CADRELOR DIDACTICE DE LA FACULTĂȚILE FĂRĂ PROFIL JURIDIC DIN UNIVERSITATEA „AL. I. CUZA” IAȘI (UAIC)" – PERFECT- JURID-UAIC–CNFIS-FDI-2020-0520.</li> <li>3. <b><u>Ready to be a great conference presenter?</u></b> Webinar of the Early Career Scientist Group of the EHU Natural Hazards (NH) Division, 16 May 2022.</li> <li>4. <b><u>High-resolution Earth's surface topography</u></b>, at <b><u>La o bere cu un cercetător</u></b>, 9<sup>th</sup> ed., Amfiteatrul Palas, Iași, 30 September 2024</li> </ol>
Scientific networking	<ol style="list-style-type: none"> <li>1. Webpage: <a href="http://www.geomorphologyonline.com">http://www.geomorphologyonline.com</a></li> <li>2. Brainmap: <a href="https://www.brainmap.ro/mihai-niculita">https://www.brainmap.ro/mihai-niculita</a></li> <li>3. Researchgate: <a href="http://www.researchgate.net/profile/Niculita_Mihai">http://www.researchgate.net/profile/Niculita_Mihai</a></li> <li>4. Academia.edu: <a href="http://uiac.academia.edu/MihaiNiculita">http://uiac.academia.edu/MihaiNiculita</a></li> <li>5. ORCID: 0000-0003-0351-5512</li> <li>6. ResearchID: C-8738-2016</li> <li>7. Google Scholar: <a href="https://scholar.google.ro/citations?user=ZzGiObcAAAAJ&amp;hl=en">https://scholar.google.ro/citations?user=ZzGiObcAAAAJ&amp;hl=en</a></li> <li>8. Web of Science: <a href="https://www.webofscience.com/wos/author/record/C-8738-2016">https://www.webofscience.com/wos/author/record/C-8738-2016</a></li> <li>9. YouTube: <a href="https://www.youtube.com/channel/UCh3J0dZkrA-8SfnTkhrnLw/">https://www.youtube.com/channel/UCh3J0dZkrA-8SfnTkhrnLw/</a></li> <li>10. LinkedIn: <a href="https://www.linkedin.com/in/mihai-niculita-213a47131/">https://www.linkedin.com/in/mihai-niculita-213a47131/</a></li> <li>11. Scopus: <a href="https://www.scopus.com/authid/detail.uri?authorId=55022909500">https://www.scopus.com/authid/detail.uri?authorId=55022909500</a></li> </ol>

## Editorial and peer review activity

1. Editor of Revista de Geomorfologie (2024)
2. Member in the Editorial Board of Plos Water - <https://journals.plos.org/water/s/editorial-board>
3. Member in the Editorial Board of Revista de Geomorfologie (2016-2023) - <https://revistadegeomorfologie.ro/geo/index.php/revista/about/editorialTeam>
4. Member in the Editorial Board of Geoconcept Journal
5. Member in the Reviewer Board of Remote Sensing journal - [https://www.mdpi.com/journal/remotesensing/submission\\_reviewers](https://www.mdpi.com/journal/remotesensing/submission_reviewers)
6. Member in the Reviewer Board of Forests journal - [https://www.mdpi.com/journal/forests/submission\\_reviewers](https://www.mdpi.com/journal/forests/submission_reviewers)
7. Member in the Topics Board of Land journal - [https://www.mdpi.com/journal/land/topical\\_advisory\\_panel](https://www.mdpi.com/journal/land/topical_advisory_panel)
8. Mentor and collaborator for Geomorphica
9. Reviewer UAIC Annals – Geography series (2 articles)
10. Reviewer Revista de Geomorfologie (4 articles)
11. Reviewer Earth Surface Processes and Landforms (2 articles)
12. Reviewer Natural Hazards and Earth System Science (5 articles)
13. Reviewer Natural Hazards Review (3 articles)
14. Reviewer Environmental Earth Sciences (10 articles)
15. Reviewer Remote Sensing (6 articles)
16. Reviewer Geomorphology (3 articles)
17. Reviewer Sustainability (2 articles)
18. Reviewer Sustainable Geoscience and Geotourism (2 articles)
19. Reviewer Bulletin of Engineering Geology and the Environment (1 article)
20. Reviewer Geoconservation Research (1 article)
21. Reviewer Applied Sciences (1 article)
22. Reviewer Geosciences (1 article)
23. Reviewer Forests (1 article)
24. Reviewer Water (1 article)
25. Reviewer ISPRS International Journal of Geo-Information (4 article)
26. Reviewer Helyion (1 article)
27. Reviewer Geoconservation Research (1 article)
28. Reviewer Agronomy (1 article)
29. Reviewer Agricultural Systems (1 article)
30. Reviewer Journal of Environmental Geography (1 article)
31. Reviewer SN Applied Sciences (1 article)
32. Reviewer Scientific Reports (1 article)
33. Reviewer Transactions in GIS (1 article)
34. Reviewer Remote Sensing Applications (1 article)
35. Reviewer Land Degradation & Development (1 article)
36. Reviewer International Soil and Water Conservation Research (2 articles)
37. Reviewer European Journal of Soil Science (2 articles)
38. Reviewer International Journal of Digital Earth (1 article)
39. Reviewer Journal of Maps (1 article)
40. Reviewer Geocarto International (1 article)
41. Reviewer Geoheritage (1 articol)
42. Reviewer Geographia Technica (1 articol)
43. Reviewer Frontiers in Earth Science (1 articol)
44. Reviewer ISPRS International Journal of Geo-Information (5 articole)

### Editorial activities:

- member of the editorial staff of the Impact of hydro-climatic and pedo-geomorphologic riskiness or Bârlad basin environment – research report, edited by Constantin Rusu, 2008;
- technical editor of the journal proceedings of the Geographical Symposium "Dimitrie Cantemir", from 2013 to 2016;
- technical editor of the journal Scientific Annals of "Alexandru Ioan Cuza" University of Iasi - Geography series, from 2012 to 2014;
- technical editor of the journal Soil Forming Factors and Processes from the Temperate Zone, from 2015 to 2017;
- editor of the volume Proceedings of the Romanian Geomorphology Symposium, 2017, ISSN 2559-3021, [http://www.geo.uaic.ro/sng2017/site\\_proceedings](http://www.geo.uaic.ro/sng2017/site_proceedings).
- guest editor of the 23th issue of Revista de Geomorfologie (<https://revistadegeomorfologie.ro/geo/index.php/revista/announcement/view/2>);

- editor of the Special Issue *4D (Multi-Temporal) Remote Sensing: Opportunities, Challenges and Issues for Environmental Monitoring over Time*, in Remote Sensing – [https://www.mdpi.com/journal/remotesensing/special\\_issues/E5WQ7991UE](https://www.mdpi.com/journal/remotesensing/special_issues/E5WQ7991UE)
- editor of the Special Issue *High-Resolution Digital Elevation Models, GIS and Remote Sensing in Support of Landscape Archaeology Reconstruction, Dynamics and Management*, journal Remote Sensing, [https://www.mdpi.com/journal/remotesensing/special\\_issues/535241CZVH](https://www.mdpi.com/journal/remotesensing/special_issues/535241CZVH)
- editor of the Special Issue *High-Resolution Topography in Process Geomorphology*, journal Frontiers in Earth Science, <https://www.frontiersin.org/research-topics/44172/high-resolution-topography-in-process-geomorphology>
- co-editor of Geomorphometry 2023 Proceedings book ([https://www.geo.uaic.ro/geomorphometry2023/wp-content/uploads/2023/07/Geomorphometry\\_2023\\_Proceedings\\_book.pdf](https://www.geo.uaic.ro/geomorphometry2023/wp-content/uploads/2023/07/Geomorphometry_2023_Proceedings_book.pdf))
- guest editor of the 26th issue of Revista de Geomorfologie (<https://revistadegeomorfologie.ro/geo/index.php/revista/announcement/view/2>);

Research grants evaluation for:

1. Agence nationale de la recherche (France), 2021 Work Programme, 2021 Generic Call for Proposals.
2. National Science Centre (Poland), OPUS-20, 2021.

**Scientific papers published  
(Annex 1)**

1. The author of 4 books and 10 chapters in specialized books and editor of two proceedings books.
2. 65 scientific articles (from which 37 as the first or the sole author): 17 in journals with ISI impact factor, 5 in journal listed in ISI, 33 in journals indexed in scientific databases, 10 in other publications.
3. 74 abstracts.

**Papers presented at scientific  
events (Annex 2)**

213 scientific papers presented, out of which over 93 abroad (Italy, France, Austria, Netherlands, USA, Republic of Moldova, Poland, Bulgaria, Belgium, Japan). Coauthor (without actual participation in scientific events) at other communications presented abroad (France, Bulgaria, Belgium, Serbia), as well as in the country.

**Scientific research contracts  
(Annex 3)**

Principal supervisor for two national research grants on geomorphometry and landslides of the Moldavian Plateau, geomorphology and geoheritage of the Moldavian Plateau.  
Contributor in 7 national research contracts aimed at: hydro-climatic and pedo-geomorphologic risks of Bârlad river basin, sediment production in Trotuș river basin, web mapping technologies, student support, judicial consultancy and 5 international research grants aimed at soil studies of polar regions, paleontological excavations, geoarchaeology of Danube floodplain and delta, and supporting small and medium farmers and natural resources in cross-border rural areas..  
Contributor to 6 educational/institutional grants, on increasing the degree of promotion and insertion on the labor market of students, legal consultancy and the endowment of research stations.

**Citations in scientific literature  
(Annex 4)**

240 WOS citations (201 without self-citations) and h-index of 11.  
664 citations in Google Scholar and h-index of 15.  
294 citations in Scopus and h-index of 12.

**Academic activity****Practical work/seminars****Discipline**

*Applied geoinformatics*  
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*Applied geoinformatics*  
*Geomorphology*  
*Geomorphology*  
*Geomorphology*  
*Geomorphology*  
*Geomorphology*  
*Physical environment of Romania*  
*Physical Geography of Romania*  
*Physical Geography of Romania*  
*Physical Geography*  
*Physical Geography*  
*Physical Geography*  
*Remote sensing and aerial photo interpretation*  
*GIS applications in Geomorphology*  
*Natural touristic potential of Romania*  
*Remote Sensing*

*Geomorphological and pedological hazards and risks*

**Dissertation work guidance****Practical applications with students****Summer Schools****Specialization/Year**

Geography, 1st Year  
Tourism Geography, 1st Year  
Environment Geography, 1st Year  
Territorial Planning, 1st Year  
Hydrology and Meteorology, 2d Year  
Geography, 2d Year  
Tourism Geography, 2d Year  
Environment Geography, 2d Year  
Territorial Planning, 2d Year  
Environment Geography, 3rd Year  
Geography, 3rd Year  
Territorial Planning, 3rd Year  
Territorial Planning, 1st Year  
Geography, 1st Year  
Hydrology and Meteorology, 1st Year  
Geography, 1st Year  
  
Geomatics, 2d Year  
Geography of Tourism  
*Natural Hazards, GIS and Remote Sensing*

*Natural Risks, GIS and Remote Sensing*

Coordination of over 30 bachelor and dissertation theses starting 2009/2011.

More than 22 student applications and specialty practices, coordinated starting in 2008, particularly in the mountainous area of Romania, but also in the hilly extra- and intra-Carpathic units.

1. The Jassy Summer School, Tourism at the Eastern Border of the EU. Interdisciplinary Training for Tour Guides module, Make your own map!, 2018-2020
2. The summer school We discover the Earth to the heights of knowledge! - GEO-GEO, 2020

## More information

- **Geostatistical skills** acquired through participation in *Geostat 2010* between **28 June and 2 July 2010**, Plasencia, Spain.
- **GRASS GIS skills** acquired through participation in the workshop: [GRASS GIS tutorial provided](#) by Markus Metz, during *Geostat 2010* between **28 June and 2 July 2010**, Plasencia, Spain.
- **SAGA GIS skills** acquired through participation in the workshop: [Geostatistical mapping using gstat, geoR and SAGA GIS](#) provided by Tomislav Hengl, during *Geostat 2010* between **28 June and 2 July 2010**, Plasencia, Spain.
- **R skills** acquired through participation in *Geostat 2010* between **28 June and 2 July 2010**, Plasencia, Spain.
- **Spatial uncertainty analysis** skills acquired through participation in the workshop: [Spatial uncertainty propagation](#) provided by Gerard Heuvelink, during *Geostat 2010* between **28 June and 2 July 2010**, Plasencia, Spain.
- **Spatio-temporal data analysis** skills acquired through participation in the workshop: [Spatio-temporal data analysis: from concepts to applications](#) provided by Roger Bivand, during *Geostat 2010* between **28 June and 2 July 2010**, Plasencia, Spain.
- **Statistic spatial sampling** skills acquired through participation in the short course: *Computational tools to optimize spatial sampling* provided by Dick Brus, during European Geosciences Union meeting, **12-17 April, 2015**, Vienna, Austria.
- **3D point cloud processing skills** acquired through participation in the short course: *Use of 3D point clouds in Geosciences: Acquisition, Processing and Applications* provided by Antonio Abellan, Dario Carrea, Florian Humair, Antoine Guerin, Marc-Henri Derron, during European Geosciences Union meeting, **12-17 April, 2015**, Vienna, Austria.
- **Elevation data and OSGeo tools** skills acquired through participation in the workshop: [Automated analysis and visualization of elevation data using open source tools R+OSGeo](#) provided by Tomislav Hengl & Carlos Grohmann, during Geomorphometry 2011 between **7-11 September 2011**, Redlands, US.
- **Radar interferometry analysis** skills acquired through participation in the workshop: Training on the SBAS-DInSAR web tool for surface deformation analysis provided by Riccardo, Francesco Casu, Claudio De Luca and Michele Manunta, during EGU 2015.
- **LIDAR processing** skills acquired through participation in the workshop: [Hands-on intro to LiDAR processing with LAS tools](#) provided by Martin Isenburg, during Geomorphometry 2015 between **22-26 June 2015**, Poznan, Poland.
- **Radar interferometry** skills acquired through participation in the workshop: [Radar interferometry for ground motion analysis](#) provided by Fabio Bovenga & Janusz Wasowski, during Geomorphometry 2015 between **22-26 June 2015**, Poznan, Poland, and COMET's InSAR Training Workshop 2022, 19-18 November 2022.

### Member of the Organizing Committee of seminars, conferences, symposiums:

- Member of the Organizing Committee for the **National Geomorphology Symposium, Iași, Romania, 2014;**
- Member of the Organizing Committee of the **6th International Symposium on Gully Erosion 2013, Iași, Romania;**
- Member of the Organizing Committee of the **National Symposium Dimitrie Cantemir, Iași, Romania, 2014;**
- Member of the Scientific Committee of the **National Geomorphology Symposium, Orșova, Romania, 29-31 mai 2014;**
- Section chairman at the **International Multidisciplinary Scientific Geoconferences, 17-26 iunie 2014, Albena, Bulgaria;**
- Member of the Scientific Committee of the **National Geomorphology Symposium, Sf. Gheorghe (Deltă), Romania, 22 – 24 May 2015;**
- Member of the Scientific Committee of the **GIS Symposim, Iași, Romania, 2015;**
- Section chairman at the **CSA 2015 Conference, 22-25 octombrie 2015, Iași, Romania;**
- Member in the organization committee for **National Geomorphology Symposium, Piatra Neamț, Romania, 2016;**
- **Chairman of the poster session for National Geomorphology Symposium, Piatra Neamț, Romania, 2016;**
- Member of the Scientific Committee of the **National Geomorphology Symposium, Iași, Romania, 2017;**
- Member in the organization committee for **National Geomorphology Symposium, Iași, Romania, 2017;**
- Section chairman for **National Geomorphology Symposium, Iași, Romania, 2017;**
- Section chairman at **EUGEO 2017, Bruxelles, Belgium;**
- Member of the Scientific Committee of **SNG 2018, May 16-20, Buzău, Romania**
- Member of the Scientific Committee of **SNG 2019, May 23-26, 2019, Timișoara, Romania**
- Member of the Scientific Committee of **Geomorphometry 2018, Boulder**
- Member of the Scientific Committee of **Geomorphometry 2020, Perugia**
- Member of the Scientific Committee of **Geomorphometry 2021, Perugia**
- European Geophysical Union Natural Hazard Division **OSPP Coordinator**
- **Co-convenor NH6.7 Application of remote sensing and Earth-observation data in natural hazard and risk studies, vEGU21: Gather Online | 19–30 April 2021**
- **NH6.3 Application of remote sensing and Earth-observation data in natural hazard and risk studies, EGU2022: Vienna, Austria | 23-27 May 2022**
- **IALA LAC, Iasi-Suceava, Romania, 10-15 September 2022, Session 14 High-resolution digital elevation models, GIS and remote sensing in support of landscape archaeology reconstruction, dynamics and management**
- **Moderator Topic 4. Remote Sensing and Big Data in Land Degradation Analysis, la International Forum on Land Degradation, Soil Conservation and Sustainable Development, 2021 (LASOSU2021), 21-23 August 2021,**



- Dalian, China, organized by World Association of Soil and Water Conservation, Italian Association of Agricultural Engineering, Soil Erosion Division (China Society of Soil and Water Conservation), Dalian University of Technology (China), University of Padova (Italy), [http://lasosu2021.dlut.edu.cn/meeting/index\\_en.asp?id=2710](http://lasosu2021.dlut.edu.cn/meeting/index_en.asp?id=2710)
- **moderator of the section 4 SIMPOZIONUL INTERNAȚIONAL SISTEME INFORMAȚIONALE GEOGRAFICE EDIȚIA XXVIII-a CHIȘINĂU, 15 OCTOMBRIE 2021;**
  - **member in the convener team of session NH6.7 Application of remote sensing and Earth-observation data in natural hazard and risk studies, EGU2022 | 23–27 Mai 2022;**
  - **member in the convener team of session SSS7.6 Restoration, rehabilitation and management of degraded soils and ecosystems, EGU2022 | 23–27 Mai 2022;**
  - **moderator of the session Mountain geomorphology and slope processes la 37th Romanian National Symposium on Geomorphology, SNG022, 15-19 iunie 2022, Sinaia**
  - **member in the convener team of session 14 - High-Resolution Digital Elevation Models, GIS and Remote Sensing in Support of Landscape Archaeology Reconstruction, Dynamics and Management, 7th International Landscape Archaeology Conference, Iași-Suceava, 10-15 September 2022;**
  - scientific committee of the Romanian National Geomorphology Symposium (2017-2022) <http://sng.geomorfologie.ro/organising-committee/>
  - scientific committee of the 7ème Colloque de l'Association Francophone de Gèographie Physique (2022) <https://www.geo.uaic.ro/afgp2022/comites/>
  - scientific committee of the IALA LAC 2022, <https://lac2022.rdrp.ro/organizers/>
  - scientific committee of the Geomorphometry Conference (2021-2024) - <https://www.geo.uaic.ro/geomorphometry2023/committees/>
  - **member in the convener team of session Application of multi-platform remote sensing and Earth-observation data in natural hazard, risk studies, geological and geomorphological analyses, EGU2023 | 23–28 Aprilie 2023;**
  - **member in the convener team of session NH6.2 Application of remote sensing and Earth-observation data in natural hazard and risk studies, EGU2024 | 14–19 Aprilie 2024;**
  - **member in the convener team of session GM3.2 Novel data, methods and applications in Geomorphometry, EGU2024 | 14–19 Aprilie 2024;**

## Annexes

Annex 1 List of published scientific works

Annex 2 List of papers presented at scientific events

Annex 3 Research grants

## LIST OF PUBLISHED SCIENTIFIC WORKS

## A1. Books:

1. **Niculiță Mihai** (2015) *Geomorphology. Practical exercises*, Iași, 400 p., ISBN 978-973-0-20532-9
2. **Niculiță Mihai** (2015) *Romanian Physical Geography. Practical exercises. Geomorphostructure*, Iași, 400 p., ISBN 978-973-0-20533-6
3. **Niculiță Mihai**, Mărgărint Mihai Ciprian (eds.) (2017) *Proceedings of the Romanian Geomorphology Symposium*, Alexandru Ioan Cuza University of Iași Press, 149 p., ISBN 2559-3021, <http://dx.doi.org/10.15551/prgs.2017>
4. **Niculiță Mihai** (2020) *Evaluarea activității alunecărilor de teren din Podișul Moldovei în holocen și antropocen: element fundamental pentru evaluarea hazardului la alunecări de teren în contextul schimbărilor climatice (LAHAM). Raport de cercetare*. Editura Tehnopress, Iași, 978-606-687-433-5, 281 p.
5. **Niculiță Mihai** (2021) *Alunecările de teren pleistocene din Podișul Moldovei: de la hazard la geo-patrimoniu. Studiu de caz: situl de geo-patrimoniu Valea Bahluietului la Costești*, Editura Tehnopress, Iași, 978-606-687-474-8, 153 p.
6. **Niculiță Mihai**, Peter Guth, Hannes Reuter, Vincent Lecours, Carlos Grohmann, Samantha Arundel, Cheng Zhi Qin (coord.) (2023) *Geomorphometry 2023 Proceedings*. Tehnopress, Iași, Romania, 978-606-687-517-2, [https://www.geo.uaic.ro/geomorphometry2023/wp-content/uploads/2023/07/Geomorphometry\\_2023\\_Proceedings\\_book.pdf](https://www.geo.uaic.ro/geomorphometry2023/wp-content/uploads/2023/07/Geomorphometry_2023_Proceedings_book.pdf)
7. **Niculiță Mihai** (2024) *A digital framework for geomorphometric analysis of landforms represented on DEMs*, Alexandru Ioan Cuza University of Iași Press (in press), <http://www.geomorphologyonline.com/node/94>

## A2. Book chapters:

1. **Niculiță Mihai**, Tanasa Iuliana (2007) *Analysis of principal geomorphometric parameters of Bârlad catchment*, in: Rusu C., (ed.), *Impact of hydro-climatic and pedo-geomorphologic risks on Bârlad catchment environment*, Alexandru Ioan Cuza University of Iași Press, pp. 209-218, ISBN 978-973-703-294-2
2. **Niculiță Mihai**, Rusu Constantin, Niculiță Iuliana Cornelia (2008) *Analysis of some geomorphometrical parameters from Bârlad catchment*, in: Rusu C., (ed.), *Impact of hydro-climatic and pedo-geomorphologic risks on Bârlad catchment environment – research report*, Perfomantica Press, pp. 92-98, ISBN 978-973-730-514-5
3. Minea Ionuț, **Niculiță Mihai** (2008) *Maximum flow from Bârlad hydrographic catchment*, in: Rusu C., (ed.), *Impact of hydro-climatic and pedo-geomorphologic risks on Bârlad catchment environment – research report*, Perfomantica Press, pp. 197-207, ISBN 978-973-730-514-5
4. **Niculiță Mihai**, Rusu Constantin, Patriche Cristian-Valeriu, Niacșu Lilian (2008) *Geomorphometry of Bârlad catchment*, in: Rusu C., (ed.), *Impact of hydro-climatic and pedo-geomorphologic risks on Bârlad catchment environment – research report*, Perfomantica Press, pp. 255-285, ISBN 978-973-730-514-5
5. **Niculiță Mihai**, Niculiță Iuliana Cornelia (2008) *The use of GIS techniques for estimating sheet erosion*, in: Rusu C., (ed.), *Impact of hydro-climatic and pedo-geomorphologic risks on Bârlad catchment environment – research report*, Perfomantica Press, pp. 333-334, ISBN 978-973-730-514-5
6. Cristea Dan, Gifu Daniela, Pistol Ionuț, Sfirnaciuc Daniel, **Niculiță Mihai** (2016) *A mixed approach in recognising geographical entities in texts*, in: Trandabăț D M, Gifu D, (eds.), *Linguistic Linked Open Data, 12th EUROLAN 2015 Summer School and RUMOUR 2015 Workshop, Sibiu, Romania, July 13-25, 2015, Revised Selected Papers*, Communications in Computer and Information Science, Vol. 588, Springer, pp. 49-63, ISBN 978-3-319-32942-0, [http://dx.doi.org/10.1007/978-3-319-32942-0\\_4](http://dx.doi.org/10.1007/978-3-319-32942-0_4)
7. Mărgărint Ciprian, **Niculiță Mihai** (2017) *Landslide type and pattern in Moldavian Plateau, NE Romania*. in: Rădoane M, Vespremeanu-Stroe A (eds.), *Landform Dynamics and Evolution in Romania*, Springer, pp. 271–304, ISBN 978-3-319-32589-7, [http://dx.doi.org/10.1007/978-3-319-32589-7\\_12](http://dx.doi.org/10.1007/978-3-319-32589-7_12)
8. **Niculiță Mihai** (2020) *Landslide hazard induced by climate changes in North-Eastern Romania*, in: Leal Filho W, Nagy G, Borga M, Chávez Muñoz D, Magnuszewsk A, (eds.), *Climate Change, Hazards and Adaptation Options*, Climate Change Management, Springer, Cham, pp. 245-265, ISBN 978-3-030-37424-2, [https://doi.org/10.1007/978-3-030-37425-9\\_13](https://doi.org/10.1007/978-3-030-37425-9_13)
9. **Niculiță Mihai**, Mărgărint Mihai Ciprian, Tarolli Paolo (2020) *Using UAV and LIDAR data for gully geomorphic changes monitoring*, in: Tarolli P, Mudd S, (eds.), *Remote Sensing of Geomorphology*, Developments in Earth Surface Processes, vol. 23, Elsevier, pp. 271-315, ISBN 9780444641779, <https://doi.org/10.1016/B978-0-444-64177-9.00010-2>
10. **Niculiță Mihai** (2020) *Regulile pentru protecția mediului*, în Tudorel Toader, Carmen Tamara Ungureanu, Olga Andreea Urda (coord.) *Teorie, studii de caz, bune practici la nivel național și internațional din domeniul științelor juridice*, Editura Universității „Alexandru Ioan Cuza” din Iași, ISBN 978-606-714-616-5.

## B. ISI Articles

1. **Niculiță Mihai**, Mărgărint Ciprian, Michele Santangelo (2016) *Archaeological evidence for Holocene landslide activity in the Eastern Carpathian lowland*. Quaternary International, 415(10):175-189, <http://dx.doi.org/10.1016/j.quaint.2015.12.048>
2. **Niculiță Mihai** (2016) *Automatic landslide length and width estimation based on the geometric processing of the bounding box and the geomorphometric analysis of DEMs*. Natural Hazards and Earth System Science, 16:2021-2030, <https://doi.org/10.5194/nhess-16-2021-2016>

3. Todosi Cristian, **Niculită Mihai**, Boca Bogdan, Bucur Daniel (2016) *Reservoir Sedimentation Analysis Using GIS Techniques in the Bahluiet Catchment in the Perspective of Sustainable Agricultural Development*. Journal of Environmental Protection and Ecology, 17(3):1095-1104
4. **Niculită Mihai**, Mărgărint Mihai Ciprian (2018) *Landslides and Fortified Settlements as Valuable Cultural Geomorphosites and Geoheritage Sites in the Moldavian Plateau, North-Eastern Romania*. Geoh heritage, 10(4):613–634, <http://doi.org/10.1007/s12371-017-0261-0>
5. **Niculită Mihai**, Balan Mihai-Gabriel, Andrei Adrian, Rusu Eugen (2019) *Digital soil mapping in a mountainous area with mixed land use (Humor catchment – Eastern Carpathians, Romania) using soil-landscape systems, fuzzy logic and environmental covariates*. Environmental Engineering and Management Journal, 18(2):479-479, <http://eemj.eu/index.php/EEMJ/article/view/3811>
6. Văculișteanu Georgiana, **Niculită Mihai**, Mărgărint Mihai Ciprian (2019) *Natural hazards and their impact on rural settlements in NE Romania – a cartographical approach*. OpenGeosciences, 11, 765-782, <https://doi.org/10.1515/geo-2019-0060>
7. **Niculită Mihai**, Mărgărint Mihai Ciprian, Cristea Ionuț Alexandru (2019) *Using archaeological and geomorphological evidence for the establishment of a relative chronology and evolution pattern for Holocene landslides*. PLoS ONE 14(12): e0227335. <https://doi.org/10.1371/journal.pone.0227335>, IF 2.779, AIS 0.978
8. **Niculită Mihai** (2020) *Geomorphometric Methods for Burial Mound Recognition and Extraction from High-Resolution LiDAR DEMs*. Sensors 20(4):1192, <https://doi.org/10.3390/s20041192>, IF 3.031, AIS 0.517
9. Mărgărint Mihai Ciprian, **Niculită Mihai**, Németh Alexandra, Cristea Ionuț Alexandru, Doru Costel Silviu (2021) *The reconstruction of an abandoned historical reservoir network in a continental temperate climate region using a multi-method approach*. Applied Geography, 130, <https://doi.org/10.1016/j.apgeog.2021.102447>, IF 4.24, AIS 1.057
10. Prăvălie Remus, Niță Ion-Andrei, Patriche Cristian, **Niculită Mihai**, Bîrsan Marius-Victor, Roșca Bogdan, Bandoc Georgeta (2021) *Global changes in soil organic carbon and implications for land degradation neutrality and climate stability*. Environmental Research, 201, 111580, <https://doi.org/10.1016/j.envres.2021.111580>, IF 6.498, AIS 1.344
11. Necula Nicușor, **Niculită Mihai**, Fiaschi Simone, Genevois Rinaldo, Riccardi Paolo, Floris Mario (2021) *Assessing Urban Landslide Dynamics through Multi-Temporal InSAR Techniques and Slope Numerical Modeling*. Remote Sensing, 13(19), 3862. <https://doi.org/10.3390/rs13193862>, IF 4.848, AIS 0.933
12. Mărgărint Mihai Ciprian, **Niculită Mihai**, Roder Giulia, Tarolli Paolo (2021) *Risk perception of local stakeholders on natural hazards: implications for theory and practice*. Natural Hazards and Earth System Science, 21:3251–3283. <https://doi.org/10.5194/nhess-21-3251-2021>, IF 4.345, AIS 0.998
13. **Niculită Mihai** (2022) *The Need for Protecting, Promoting, and Managing a Quaternary Geoheritage Site: Bahluiet Valley at Costești Village (Moldavian Plateau, North-Eastern Romania)*. Geoh heritage 14(1):1-22. <https://doi.org/10.1007/s12371-022-00645-4> IF 2.786, AIS 0.352
14. Văculișteanu Georgiana, Doru Silviu Costel., Necula Nicușor, **Niculită Mihai**, Mărgărint Mihai Ciprian (2023) *One Century of Pasture Dynamics in a Hilly Area of Eastern Europe, as Revealed by the Land-Use Change Approach*. Sustainability, 15, 406. <https://doi.org/10.3390/su15010406>, IF 3.889, AIS 0.516
15. Prăvălie Remus, **Niculită Mihai**, Roșca Bogdan, Marin Gheorghe, Dumitrașcu Monica, Patriche Cristian, Bîrsan, Marius-Victor, Niță, Ion-Andrei, Tișcovski Adrian, Sîrodoev Igor, Bandoc Georgeta (2023) *Machine learning-based prediction and assessment of recent dynamics of forest net primary productivity in Romania*. Journal of Environmental Management 334:117513. <https://doi.org/10.1016/j.jenvman.2023.117513>, IF 8.91, AIS 1.114
16. Prăvălie Remus, **Niculită Mihai**, Roșca Bogdan, Patriche Cristian, Dumitrașcu Monica, Marin Gheorghe, Niță, Ion-Andrei, Bandoc Georgeta, Bîrsan, Marius-Victor (2023) *Modelling forest biomass dynamics in relation to climate change in Romania using complex data and machine learning algorithms*. Stochastic Environmental Research and Risk Assessment 37(5):1669-1695. <https://doi.org/10.1007/s00477-022-02359-z>, IF 3.821, AIS 0.618
17. Remus Prăvălie, Pasquale Borrelli, Panos Panagos, Cristiano Ballabio, Emanuele Lugato, Adrian Chappell, Gonzalo Miguez-Macho, Federico Maggi, Jian Peng, **Mihai Niculiță**, Bogdan Roșca, Cristian Patriche, Monica Dumitrașcu, Georgeta Bandoc, Ion-Andrei Niță & Marius-Victor Bîrsan (2024) *A unifying modelling of multiple land degradation pathways in Europe*, Nature Communications 15, Article number: 3862 (2024), <https://doi.org/10.1038/s41467-024-48252-x> IF 16,6 AIS 5,8

### C. ISI Proceedings articles

1. **Niculită Mihai** (2011) *Effects of geomorphometric variables variability due to different computing algorithms in environmental modeling*, Procedia Environmental Sciences, Volume 3, 1st Conference on Spatial Statistics 2011 – Mapping Global Change, Enschede, 23-25 March 2011, edited by Alfred Stein, Edzer Pebesma and Gerard Heuvelink, <http://dx.doi.org/10.1016/j.proenv.2011.07.058>
2. **Niculită Mihai**, Boca Bogdan, Minea Ionuț (2014) *Analysis of Parcovaci and Ciurbesti (Iasi County, Romania) reservoirs sedimentation*, International Multidisciplinary Scientific Geoconferences, 17-26 June 2014 Bulgaria, 14th GeoConference on Water resources, Forest, Marine and Ocean Ecosystems, Conference Proceedings, Volume I, Hydrology and Water Resources, 43-50, ISBN 978-619-7105-13-1, ISSN 1314-2704, <http://dx.doi.org/10.5593/sgem2014B31>
3. **Niculită Mihai**, Dumitriu Dan (2104) *Framework for processing river bank DTMs generated by terrestrial laser scanning*, International Multidisciplinary Scientific Geoconferences, 17-26 June 2014 Bulgaria, 14th GeoConference on Water resources, Forest, Marine and Ocean Ecosystems, Conference Proceedings, Volume III, Informatics, Geoinformatics and Remote Sensing, 589-594, ISBN 978-619-7105-12-4, ISSN 1314-2704, <http://dx.doi.org/10.5593/sgem2014B23>
4. **Niculită Mihai**, Minea Ionuț, Adrian Andrei (2015) *Interpolating phreatic level altitude around Mădârjac village using geomorphometric variables as covariates*, International Multidisciplinary Scientific Geoconferences, 16-22 June 2015 Bulgaria, 15th GeoConference on Water resources, Forest, Marine and Ocean Ecosystems, Conference Proceedings, Volume III, Informatics, Geoinformatics and Remote Sensing, <http://dx.doi.org/10.5593/SGEM2015/B31/S12.052>

- Stoilov-Linu Valeriu, **Niculiță Mihai**, Dumitriu Dan (2020) The bankfull discharge of a mountainous anthropized river: how relevant is for the channel geomorphology? 20th International Multidisciplinary Scientific GeoConference SGEM 2020, 8-11 December, 2020, 87-94. <http://dx.doi.org/10.5593/sgem2020V1.3/s02.11>

#### D. Scientific articles in international indexed journals

- Niculiță Mihai**, Minea Ionuț, Lupascu Angela (2008) *The evolution of the forested surfaces in Ciurea and Podu-Iloaiei forest perimeters between 1894-2006*, Scientific Papers, Agronomy set, vol. 51(2):195-201, Agronomic and Veterinary Medicine University "Ion Ionescu de la Brad" Iasi, "Ion Ionescu de la Brad" Press, Iasi, [http://www.revagrois.ro/PDF/2008\\_2\\_195.pdf](http://www.revagrois.ro/PDF/2008_2_195.pdf)
- Niculiță Mihai**, Niculiță Iuliana Cornelia (2008) *The determination and graphical representation of lateral fluvial channel migration rates using a raster approach*, Geographical "D. Cantemir" Seminar Papers, no. 28, 7-11, <http://www.seminarcantemir.uaic.ro/index.php/cantemir/article/view/763/743>
- Niculiță Mihai**, Niculiță Iuliana Cornelia (2008) *Raster computation of relief*, Scientific Annals of "Alexandru Ioan Cuza" University from Iasi, sect. Ilc Geography, 54:19-24, <http://www.analegeo.uaic.ro/index.php/SciGeo/article/view/48/43>.
- Niculiță Mihai**, Rusu Constantin (2010) *The soil and geomorphologic limits between the Copou hillslope and Căcaina floodplain (Iasi area)*, Factors and pedogenetic processes in the temperate zone, 9:21-41, [http://www.soilscience.uaic.ro/doc/SFFPTZ\\_No\\_9\\_p\\_031.pdf](http://www.soilscience.uaic.ro/doc/SFFPTZ_No_9_p_031.pdf).
- Minea Ionuț, Ursu Adrian, **Niculiță Mihai** (2010) *Methodological issues concerning the identification of areas with excess moisture. Case study: Bahlui drainage basin*, Papers of the Dimitrie Cantemir Geographical Seminar, 30:55-61, <http://www.seminarcantemir.uaic.ro/index.php/cantemir/article/view/800/780>
- Tanasă Iuliana Cornelia, **Niculiță Mihai**, Roșca Bogdan, Pîrnău Radu (2010) *Pedometric techniques in spatialisation of soil properties for agricultural land evaluation*, Bulletin UASVM Agriculture, 67:274-278, <http://journals.usamvcj.ro/agriculture/issue/view/144>
- Minea Ionuț, Butelcă Doru, **Niculiță Mihai** (2011) *The evaluation of the hydrological risks associated with the maximum discharge in the upper water catchment of the river Bârlad*, The air and water. Environment components, pp. 260-267, Babeș-Bolyai University, <http://aerapa.conference.ubbcluj.ro/2011/PDF/MineaButelcaNiculita.pdf>
- Dumitriu Dan, **Niculiță Mihai**, Condorachi Daniel (2011) *Downstream Variation in the Pebble Morphometry of the Trotus River, Eastern Carpathians (Romania)*, Geographical Forum. Studies and research of geography and environment protection, 10(1):78-90, <https://doi.org/10.5775/fq.2067-4635.2011.00008.i>
- Dumitriu Dan, Condorachi Daniel, **Niculiță Mihai** (2011) *Downstream variation in particle size: a case study of the Trotus River, Eastern Carpathians (Romania)*, Annals Oradea University, Geography, 21 (2):222-232, [http://istgeoreint.uoradea.ro/Reviste/Anale/Art/2011-2/7\\_527\\_AUOG\\_Dan.pdf](http://istgeoreint.uoradea.ro/Reviste/Anale/Art/2011-2/7_527_AUOG_Dan.pdf)
- Niculiță Iuliana Cornelia, **Niculiță Mihai** (2011) *Methods for natural land mapping units delineation for agricultural land evaluation*, Scientific papers. Agronomy Series, 54(1):44-49, [http://www.revagrois.ro/PDF/2011/paper/2011-54\(1\)-10-en.pdf](http://www.revagrois.ro/PDF/2011/paper/2011-54(1)-10-en.pdf)
- Niculiță Mihai** (2013) – *Geomorphometric techniques for landform analysis for pedologic characterization of terrain*, Annals of the University of Craiova, Series Agriculture, Montanology, Cadastre, 42(1), <http://anale.agro-craiova.ro/index.php/aamc/article/download/814/749>
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- Todosi Cristian, **Niculiță Mihai** (2015) *Assessing soil erodability factor for RUSLE2 in Bahluiet catchment, Eastern Romania*, Soil Forming Factors and Processes from the Temperate Zone 14(1):31-43, <https://factori.soilscience.ro/index.php/fspdzt/article/download/520/437>
- Bejenaru Alina, **Niculiță Mihai** (2017) *Landslide inventory of the Crasna catchment, Moldavian Plateau, Romania*. In: Niculiță M, Mărgărint MC (eds.), Proceedings of Romanian Geomorphology Symposium, vol. 1, Alexandru Ioan Cuza University Press, Iasi, pp. 28-31, <http://dx.doi.org/10.15551/prgs.2017.28>
- Necula Nicușor, **Niculiță Mihai**, Tessari Giulia, Floris Mario (2017) *InSAR analysis of Sentinel-1 data for monitoring landslide displacement of the north-eastern Copou hillslope, Iași city, Romania*. In: Niculiță M, Mărgărint MC (eds.), Proceedings of Romanian Geomorphology Symposium, vol. 1, Alexandru Ioan Cuza University Press, Iasi, pp. 85-88, <http://dx.doi.org/10.15551/prgs.2017.85>
- Niculiță Mihai**, Andrei Adrian, Lupu Cristina (2017) *The landslide database of the North-Eastern Romania*. In: Niculiță M, Mărgărint MC (eds.), Proceedings of Romanian Geomorphology Symposium, vol. 1, Alexandru Ioan Cuza University Press, Iasi, pp. 81-84, <http://dx.doi.org/10.15551/prgs.2017.81>
- Mărgărint Mihai Ciprian, **Niculiță Mihai**, Doru Silviu (2017) *Hadâmbu sector of Iași cuesta escarpment – recent mass movement processes and deforestation*. In: Niculiță M, Mărgărint MC (eds.), Proceedings of Romanian Geomorphology Symposium, vol. 1, Alexandru Ioan Cuza University Press, Iasi, pp. 127-129, <http://dx.doi.org/10.15551/prgs.2017.123>
- Niculiță Mihai**, Mărgărint Mihai Ciprian (2017) *Berza- Santa Mare complex landslide*. In: Niculiță M, Mărgărint MC (eds.), Proceedings of Romanian Geomorphology Symposium, vol. 1, Alexandru Ioan Cuza University Press, Iasi, pp. 145-147, <http://dx.doi.org/10.15551/prgs.2017.141>
- Niculiță Mihai**, Mărgărint Mihai Ciprian, Cristea Ionuț (2017) *Relict landslides, gullies and geohéritage sites – Băiceni village*. In: Niculiță M, Mărgărint MC (eds.), Proceedings of Romanian Geomorphology Symposium, vol. 1, Alexandru Ioan Cuza University Press, Iasi, pp. 133-136, <http://dx.doi.org/10.15551/prgs.2017.129>
- Niculiță Mihai**, Mărgărint Mihai Ciprian (2017) *Degraded agricultural terraces, landslides and gullies from Libertatea village*. In: Niculiță M, Mărgărint MC (eds.), Proceedings of Romanian Geomorphology Symposium, vol. 1, Alexandru Ioan Cuza University Press, Iasi, pp. 142-144, <http://dx.doi.org/10.15551/prgs.2017.138>



21. Mărgărint Mihai Ciprian, **Niculiță Mihai**, Doru Silviu, Necula Nicușor, Cristea Ionuț (2017) *Old anthropic dams, lacustrine deposits, and gullies from Șoldănești village*. In: Niculiță M, Mărgărint MC (eds.), Proceedings of Romanian Geomorphology Symposium, vol. 1, Alexandru Ioan Cuza University Press, Iași, pp. 137-141, <http://dx.doi.org/10.15551/prgs.2017.133>
22. Mărgărint Mihai Ciprian, **Niculiță Mihai**, Doru Silviu (2017) *Relict landslides, fluvial landforms and threatened geoheritage – Costești village*. In: Niculiță M, Mărgărint MC (eds.), Proceedings of Romanian Geomorphology Symposium, vol. 1. Editura Universității Alexandru Ioan Cuza, Iași, 130-132, <http://dx.doi.org/10.15551/prgs.2017.126>
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17. **Niculiță Mihai**, Mărgărint Mihai Ciprian (2021) *Landslide-river interactions during Quaternary in the Moldavian Plateau (Romania)*. Pedro Cunha, Alessandro Fontana, Andrei Panin, eds., FLAG Biennial Meeting, 20-21 September 2021, Evolution of fluvial systems at different time scales, institute of Geography, Russian Academy of Sciences, 51-53.
18. **Niculiță Mihai** (2022) *The detection and delineation of tumuli from high-resolution DEMs*. 7th International Landscape Archaeology Conference, Iași-Suceava, 10-15 September 2022;



19. Mischka Carsten, Ceaușu Silviu-Constantin, **Niculiță Mihai**, Preoteasa Constantin (2022) *Improving the environment: landscape archaeology in the medieval fortresses from Moldavia*. 7th International Landscape Archaeology Conference, Iași-Suceava, 10-15 September 2022;
20. **Niculiță Mihai** (2022) *The archaeological implications of the geomorphological interpretations of high-resolution DEMs at regional scale*. 7th International Landscape Archaeology Conference, Iași-Suceava, 10-15 September 2022;
21. **Niculiță Mihai** (2022) Pleistocene to Holocene evolution of Bahluieț Valley at Costești (Iași County, Romania) – an interplay between fluvial and hillslope processes, CECCEE 2022 Book of Abstracts, 7-9 pp.
22. Necula Nicușor, **Niculiță Mihai** (2022) Geomorphometric delineation of floodplains for quaternary deposits mapping, CECCEE 2022 Book of Abstracts, 16-17 pp.
23. **Niculiță Mihai** (2023) Deep Learning identification of tumuli from LiDAR DEMs at regional scale, Book of Abstracts, Aerial Archaeology Research Group 2023, 21-23 September, Zagreb, Croatia, 14-15 pp.
24. **Niculiță Mihai** – GLO-30 as a global DEM for geomorphological applications, Book of Abstracts, 38th Romanian National Symposium on Geomorphology, SNG023, 25-28 mai 2023, Cluj Napoca, p. 21.
25. Necula Nicușor, **Niculiță Mihai** – Towards national active landslide inventory using EGMS datasets, 38th Romanian National Symposium on Geomorphology, SNG023, 25-28 mai 2023, Cluj Napoca, p. 19.

A. Participation at symposia, congresses, conferences, international seminars, and workshops (held abroad):

1. Niculiță Iuliana Cornelia, **Niculiță Mihai** – *The design of LIS for Neamț County, Symposium International GIS in ecological potential evaluation, territorial and human resources management*, Simpozionul Internațional Sisteme Informaționale Geografice, ed. a 15-a, Institutul de Ecologie și Geografie al Academiei de Științe a Republicii Moldova, 26-28 octombrie 2007, Chișinău
2. **Niculiță Mihai**, Roșca Bogdan, Pirnău Radu, Niculiță Iuliana - *Estimation of soil properties based on geomorphometrical parameters approach using multiple regression modeling for DSM in Iași County*, 4th Global Workshop on Digital Soil Mapping, From Digital Soil Mapping to Digital Soil Assessment: identifying key gaps from fields to continents, 24-26 mai 2010, Roma, Italia
3. **Niculiță Mihai** - *Soils from a toposequence in Bjordalen, Spitsbergen Archipelago*, APECS Virtual Poster Session, General Cryosphere and Permafrost Research, 30 noiembrie 2010
4. Dumitriu Dan, Condorachi Daniel, **Niculiță Mihai** - *River bank erosion. Case study: Trotuș River (Eastern Carpathians)*, First Forum Carpathicum: Integrating Nature and Society towards Sustainability, 15-17 septembrie 2010, Cracovia, Polonia
5. **Niculiță Mihai** - *Effects of geomorphometric variables variability due to different computing algorithms in environmental modeling*, Spatial Statistics, 23-25 martie 2011, Enschede, Olanda
6. **Niculiță Mihai** - *A classification schema for structural landforms of the Moldavian platform (Romania)*, Geomorphometry 2011, 7-12 septembrie 2011, Redlands, SUA
7. Mărgărint Mihai Ciprian, **Niculiță Mihai** – *Spatial models for landslide susceptibility using logistic regression method with different landslide inventories. Application in Moldavian Plateau, NE Romania*, European Geosciences Union General Assembly, 7– 14 aprilie 2013, Viena, Austria
8. **Niculiță Mihai** – *Open source tools for geomorphologic web map dissemination*, European Geosciences Union General Assembly, 7– 14 aprilie 2013, Viena, Austria
9. **Niculiță Mihai** - *Floodplain delineation using cluster analysis of geomorphometric variables and class spectral statistics*, European Geosciences Union General Assembly 2014, 27 aprilie – 02 mai 2014, Viena, Austria
10. Mărgărint Mihai Ciprian, **Niculiță Mihai** - *Comparison and validation of Logistic Regression and Analytic Hierarchy Process models of landslide susceptibility in monoclinic regions. A case study in Moldavian Plateau, N-E Romania*, European Geosciences Union General Assembly 2014, 27 aprilie – 02 mai 2014, Viena, Austria
11. Micu Mihai, Malet Jean-Philippe, Bălțeanu Dan, Mărgărint Ciprian, Niculiță Mihai, Jurchescu Marta, Chițu Zenaida, Șandric Ionuț, Simota Cătălin, Mathieu Alexandre - *Typologically-differentiated landslide susceptibility assessment for Romania*, European Geosciences Union General Assembly 2014, 27 aprilie – 02 mai 2014, Viena, Austria
12. **Niculiță Mihai**, Boca Bogdan, Minea Ionuț– *Analysis of Pârcovaci and Ciurbești (Iași County, Romania) reservoirs sedimentation*, International Multidisciplinary Scientific Geoconferences, 14th GeoConference on Water resources, Forest, Marine and Ocean Ecosystems, 17-26 iunie 2014, Albena, Bulgaria
13. **Niculiță Mihai**, Dumitriu Dan – *Framework for processing river bank DTMs generated by terrestrial laser scanning*, International Multidisciplinary Scientific Geoconferences, 14th SGEM GeoConference on Cartography and GIS, 17-26 iunie 2014, Albena, Bulgaria
14. Adrian Andrei, **Niculiță Mihai**, Bogdan Boca – *Metode de clasificare a datelor altitudinale LIDAR pentru zonele împădurite din bazinul râului Șacovăț*, Simpozion Internațional Sisteme Informaționale Geografice, ed. a 22-a, Institutul de Ecologie și Geografie al Academiei de Științe a Republicii Moldova, 24-25 octombrie 2014, Chișinău
15. Silviu Doru, **Niculiță Mihai**, Constantin Rusu – *Utilizarea algebrei rasterelor pentru detecția schimbărilor utilizării terenului*, Simpozion Internațional Sisteme Informaționale Geografice, ed. a 22-a, Institutul de Ecologie și Geografie al Academiei de Științe a Republicii Moldova, 24-25 octombrie 2014, Chișinău
16. **Niculiță Mihai**, Bogdan Boca, Cristian Todosi – *Metode de clasificare a datelor altitudinale LIDAR pentru lacurile de acumulare și a bazinelor versant ale acestora*, Simpozion Internațional Sisteme Informaționale Geografice, ed. a 22-a, Institutul de Ecologie și Geografie al Academiei de Științe a Republicii Moldova, 24-25 octombrie 2014, Chișinău
17. **Niculiță Mihai**, Bogdan Boca – *Tehnica diferenței modelelor digitale ale terenului aplicată pentru curbele de nivel ale hărților topografice 1:5 000 și datelor altitudinale LIDAR*, Simpozion Internațional Sisteme Informaționale Geografice, ed. a 22-a, Institutul de Ecologie și Geografie al Academiei de Științe a Republicii Moldova, 24-25 octombrie 2014, Chișinău
18. Todosi Cristian, **Niculiță Mihai**, Bogdan Boca – *Tehnica diferenței modelelor digitale ale terenului aplicată datelor batimetrice pentru estimarea volumelor de sedimente din lacurile de acumulare*, Simpozion Internațional Sisteme Informaționale Geografice, ed. a 22-a, Institutul de Ecologie și Geografie al Academiei de Științe a Republicii Moldova, 24-25 octombrie 2014, Chișinău
19. **Niculiță Mihai**, Mărgărin Mihai Ciprian - *Testing landslide susceptibility uncertainty propagation due to the data source of the landslide inventory: satellite imagery versus LIDAR*, European Geosciences Union General Assembly 2015, 12 - 17 aprilie 2014, Viena, Austria
20. **Niculiță Mihai**, Obreja Florin, Boca Bogdan - *Geomorphological change detection of fluvial processes of lower Siret channel using LIDAR data*, European Geosciences Union General Assembly 2015, 12 - 17 aprilie 2014, Viena, Austria
21. **Mărgărint Mihai Ciprian, Niculiță Mihai, Roșu Lucian** - *Local stakeholders' perception of landslide and flood risks in Iași County, Romania*, European Geosciences Union General Assembly 2015, 12 - 17 aprilie 2014, Viena, Austria

22. **Niculiță Mihai**, Minea Ionuț, Andrei Adrian – *Interpolating phreativ level altitude around Mădârjac village using geomorphometric variables as covariates*, International Multidisciplinary Scientific Geconferences, 15th GeoConference on Water resources, Forest, Marine and Ocean Ecosystems, 16-22 iunie 2015, Albena, Bulgaria
23. **Niculiță Mihai** - *Automatic extraction of landslide flow direction using geometric processing and DEMs*, Geomorphometry 2015, Adam Mickiewicz University in Poznań, Institute of Geoecology and Geoinformation, 22-26 iunie 2015, Poznań, Polonia
24. **Niculiță Mihai**, Mărgărint Mihai Ciprian - *The influence of the anthropic lakes as a major preparatory factor in landslide distribution in Moldavian Plateau, Romania*, Eugeo Budapest 2015, 30 august – 2 septembrie 2015, Budapesta, Ungaria
25. **Niculiță Mihai**, Andrei Adrian - *Gully types in Șacovăț catchment, Moldavian Plateau, Eastern Romania*, European Geosciences Union General Assembly 2016, 17 - 22 aprilie 2016, Viena, Austria
26. **Niculiță Mihai**, Mărgărint Mihai Ciprian, Santangelo Michele - *Holocene landslide activity in Moldavian Plateau (NE Romania) based on archaeological evidence*, European Geosciences Union General Assembly 2016, 17 - 22 aprilie 2016, Viena, Austria
27. Mărgărint Mihai Ciprian, Santangelo Michele, **Niculiță Mihai**, Bucci Francesco - *Spatio-temporal relation between landslide occurrence and abandoned or not maintained agricultural terraces in the Moldavian Plateau, NE Romania*, European Geosciences Union General Assembly 2016, 17 - 22 aprilie 2016, Viena, Austria
28. Necula Nicușor, Baci Dorin Sorin, **Niculiță Mihai**, Dumitriu Tony-Cristian - *The 3D geological model of the Eastern Romania tectonics and structure*, European Geosciences Union General Assembly 2016, 17 - 22 aprilie 2016, Viena, Austria
29. **Niculiță Mihai**, Buci Francesco, Santangelo Michele, Mărgărint Mihai Ciprian - *Landslides and fortified settlements as valuable geoheritage sites in the Moldavian Plateau, North-Eastern Romania*, European Geosciences Union General Assembly 2016, 17 - 22 aprilie 2016, Viena, Austria
30. Todosi Cristian, **Niculiță Mihai** - *Sediment budget for Reditu reservoir catchment, North-Eastern Romania*, European Geosciences Union General Assembly 2016, 17 - 22 aprilie 2016, Viena, Austria
31. Butnariu George Daniel, Stătescu Florian, Mărgărint Mihai Ciprian, **Niculiță Mihai** - *Reconstructing the recent evolution of the Prut River channel in Iași County sector (NE Romania) using cartographic, Remote Sensing and GPS data*, 4th Romanian-Bulgarian-Hungarian-Serbian Conference Geographical research and cross-border cooperation within the Lower Basin of the Danube, 15-17 septembrie 2016, Vidin, Bulgaria
32. **Niculiță Mihai** – *Terraced landscapes of Romania*, 3rd World Meeting on Terraced Landscapes, 6-15 octombrie 2016, Veneția – Padova – Chiavari, Italia
33. Mărgărint Mihai Ciprian, **Niculiță Mihai**, Paolo Tarolli – *Types and evolution stages of the agricultural terraces in the northern part of the Moldavian Plateau (NE Romania) based on their geomorphometric characteristics*, 3rd World Meeting on Terraced Landscapes, 6-15 octombrie 2016, Veneția – Padova – Chiavari, Italia
34. Mărgărint Mihai Ciprian, **Niculiță Mihai**, Tarolli Paolo - *Historical reservoir construction: potential hotspot of anthropogenic induced sediments in lowland Northeastern Romania*, European Geosciences Union General Assembly 2017, 23 - 28 aprilie 2017, Viena, Austria
35. Doru Silviu, **Niculiță Mihai**, Niculiță Iuliana Cornelia, Rusu Constantin - *Analysis of the sediment fluxes and their environmental and societal impact in the Podu Iloaiei (Romania) reservoir catchment*, European Geosciences Union General Assembly 2017, 23 - 28 aprilie 2017, Viena, Austria
36. Mărgărint Mihai Ciprian, **Niculiță Mihai**, Nemeth Alexandra, Cristea Ionuț - *Topographic and depositional signature of old anthropic lakes in northern part of the Moldavian Plateau (NE Romania)*, European Geosciences Union General Assembly 2017, 23 - 28 aprilie 2017, Viena, Austria
37. Necula Nicușor, **Niculiță Mihai**, Baci Dorin Sorin - *Digital mapping methodology applied for the creation of a 3D inventory and model of geology and geomorphology of the Moldavian Plateau (Romania)*, European Geosciences Union General Assembly 2017, 23 - 28 aprilie 2017, Viena, Austria
38. Mărgărint Mihai Ciprian, **Niculiță Mihai**, Roder Giulia, Tarolli Paolo - *Stakeholder risk perception associated with natural hazards in Iasi County (Romania)*, European Geosciences Union General Assembly 2017, 23 - 28 aprilie 2017, Viena, Austria
39. **Niculiță Mihai**, Mărgărint Mihai Ciprian - *Landslide susceptibility modelling for Iasi County, Romania*, Sixth Eugeo Congress on the Geography of Europe (EUGEO) 2017, 3-6 septembrie 2017, Bruxelles, Belgia
40. Mărgărint Mihai Ciprian, **Niculiță Mihai** - *Landslide inventory for Iasi County, Romania*, Sixth Eugeo Congress on the Geography of Europe (EUGEO) 2017, 3-6 septembrie 2017, Bruxelles, Belgia
41. **Niculiță Mihai**, Mărgărint Mihai Ciprian, Necula Nicușor, Tarolli Paolo - *Gully erosion of lowland old anthropic lakes beds*, European Geosciences Union General Assembly 2018, 8 - 13 aprilie 2018, Viena, Austria
42. **Niculiță Mihai**, Mihai Mădălina, Stoilov-Linu Valeriu, Necula Nicușor - *WebGIS technology for landslide hazard modelling dissemination*, European Geosciences Union General Assembly 2018, 8 - 13 aprilie 2018, Viena, Austria
43. **Niculiță Mihai** - *Geomorphology and archaeology of the Moldavian Plateau - Geoheritage site Bahluieț Valley at Costești village*, European Geosciences Union General Assembly 2018, 8 - 13 aprilie 2018, Viena, Austria
44. Necula Nicușor, **Niculiță Mihai**, Fiaschi Simone, Riccardi Paolo, Tessari Giulia, Floris Mario - *Monitoring urban landslides in Iasi city (Romania) using Differential SAR Interferometry*, European Geosciences Union General Assembly 2018, 8 - 13 aprilie 2018, Viena, Austria
45. Mărgărint Mihai Ciprian, **Niculiță Mihai**, Roder Giulia, Tarolli Paolo - *Stakeholders' preparedness level in the face of natural hazards in the rural communities of north-eastern Romania*, European Geosciences Union General Assembly 2018, 8 - 13 aprilie 2018, Viena, Austria
46. Văculișteanu Georgiana, Mărgărint Mihai Ciprian, **Niculiță Mihai** - *Natural hazards and disappeared settlements: lessons from NE Romania*, European Geosciences Union General Assembly 2018, 8 - 13 aprilie 2018, Viena, Austria
47. Necula Nicușor, Baci Dorin Sorin, Dumitriu Tony-Cristian, **Niculiță Mihai** - *Geological validation and reinterpretation in the Outer Flysch of the Romanian Eastern Carpathians using balanced cross-sections*, European Geosciences Union General Assembly 2018, 8 - 13 aprilie 2018, Viena, Austria

48. **Niculiță Mihai**, Mărgărint Mihai Ciprian, Tarolli Paolo - *Sediment disconnectivity in lowland North-Eastern Romania induced by landforms, climate and humans*, European Geosciences Union General Assembly 2018, 8 - 13 aprilie 2018, Viena, Austria
49. **Niculiță Mihai** - *Bahluiet Valley at Costești village (Romania) geoarchaeosite: the need for its protecting, promoting and managing*, 9th ProGEO Symposium Geoheritage and Conservation: Modern Approaches and Applications Towards the 2030 Agenda, 25-28 iunie 2018, Chęciny, Polonia
50. **Niculiță Mihai**, Evans Ian - *Effects of glaciation on the clinometry and hypsometry of the Romanian Carpathians*, Geomorphometry 2018 5th International Conference of the International Society of Geomorphometry, 13–17 august 2018, Boulder CO, SUA
51. Necula Nicușor, **Niculiță Mihai**, Floris Mario - *Using Sentinel-1 SAR data to detect earth surface changes related to neotectonics in the Focșani basin (Eastern Romania)*, Geomorphometry 2018 5th International Conference of the International Society of Geomorphometry, 13–17 august 2018, Boulder CO, SUA
52. **Niculiță Mihai** - *Assessing the accuracy of SRTM altitude data for the hilly area in northeastern Romania*, Geomorphometry 2018 5th International Conference of the International Society of Geomorphometry, 13–17 august 2018, Boulder CO, SUA
53. Mărgărint Mihai Ciprian, Văculișteanu Georgiana, **Niculiță Mihai** - *Landslides, floods and disappeared settlements in NE Romania*, International Conference NATURAL HAZARDS - Lessons from the past and contemporary challenges, 5-7 octombrie 2018, Novi Sad, Serbia
54. **Niculiță Mihai**, Necula Nicușor, Mărgărint Mihai Ciprian, Tarolli Paolo - *Anthropic induced gullies on old anthropic lake beds in Romania*, AGU Fall Meeting 2018, 9-14 decembrie 2018, Washington, SUA
55. **Niculiță Mihai** - *Landslide hazard induced by climate changes in North-Eastern Romania*, Symposium Climate Change and Natural Hazards: coping with and managing hazards in the context of a changing climate, University of Padova, 25-26 februarie 2019, Padova, Italia, <https://www.haw-hamburg.de/en/ftz-nk/events/hazards2019.html>
56. **Niculiță Mihai**, Roder Giulia, Mărgărint Mihai Ciprian, Tarolli Paolo - *Risk perception of stakeholders regarding the natural hazards induced by climate change*, Symposium Climate Change and Natural Hazards: coping with and managing hazards in the context of a changing climate, University of Padova, 25-26 februarie 2019, Padova, Italia
57. **Niculiță Mihai**, Mărgărint Mihai Ciprian, Tarolli Paolo - *Anthropic fingerprints on Earth surface: abandoned lakes in Northeastern Romania*, Symposium Climate Change and Natural Hazards: coping with and managing hazards in the context of a changing climate, University of Padova, 25-26 februarie 2019, Padova, Italia
58. **Niculiță Mihai**, Mărgărint Mihai Ciprian, Necula Nicușor, Chiriloaiei Francisca, Stoilov-Linu Valeriu - *Geomorphological and geophysical investigations of Costești compound landslide*, EGU General Assembly 2019, 7-12 aprilie 2019, Viena, Austria
59. Doru Silviu Costel, **Niculiță Mihai** - *The use of LiDAR and remote sensing data in the archaeological topography reconnaissance. Study case Moldavian Plateau*, EGU General Assembly 2019, 7-12 aprilie 2019, Viena, Austria
60. Necula Nicușor, **Niculiță Mihai**, Floris Mario, Genevois Rinaldo - *Urban landslide investigation through A-DInSAR techniques and numerical modeling*, EGU General Assembly 2019, 7-12 aprilie 2019, Viena, Austria
61. Stoilov-linu Valeriu, **Niculiță Mihai**, Dumitriu Dan, Necula Nicușor - *Channel morphology of a mountainous gravel bed river assessed using topographical and UAV surveys*, EGU General Assembly 2019, 7-12 aprilie 2019, Viena, Austria
62. Mărgărint Mihai Ciprian, **Niculiță Mihai**, Paolo Tarolli - *Using UAV and LIDAR data for gullies erosion monitoring*, EGU General Assembly 2019, 7-12 aprilie 2019, Viena, Austria
63. Văculișteanu Georgiana, Mărgărint Mihai Ciprian, **Niculiță Mihai** - *Past events and disappeared settlements – a cartographic and archive based analysis*, EGU General Assembly 2019, 7-12 aprilie 2019, Viena, Austria
64. **Niculiță Mihai**, Mărgărint Mihai Ciprian, Necula Nicușor, Stoilov-Linu Valeriu - *Upper Pleistocene landslide evidences at Costești (Moldavian Plateau, Romania)*, Carpatho-Balkan-Dinaric Conference on Geomorphology, 24-27 iunie 2019, Szeged, Ungaria. <http://www.geo.u-szeged.hu/carpatho/>
65. Stoilov-Linu Valeriu, **Niculiță Mihai**, Dumitriu Dan, Necula Nicușor - *Vertical and horizontal adjustments of Bistricioara River channel (Eastern Carpathians, Romania) in the last 100 years*, Carpatho-Balkan-Dinaric Conference on Geomorphology, 24-27 iunie 2019, Szeged, Ungaria.
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70. **Niculiță Mihai** - *Abandoned reservoirs and gully erosion analysis using LiDAR*, Workshop "Remote Sensing for land degradation analysis and sustainable management of agroforestry systems", 27 November, 2020, University of Padova, Italy, organized by the 7th section of Italian Society of Agricultural Engineering, <https://www.tesaf.unipd.it/en/remote-sensing-land-degradation-analysis-and-sustainable-management-agroforestry-systems>
71. **Niculiță Mihai** - *BAHLUIEȚ VALLEY AT COSTEȘTI VILLAGE GEOHERITAGE SITE (MOLDAVIAN PLATEAU, NORTHEASTERN ROMANIA): THE NEED FOR PROTECTING, PROMOTING AND MANAGING A QUATERNARY GEOARCHAEOLOGICAL SITE*, OXFORD GEOHERITAGE VIRTUAL CONFERENCE 25-29 MAY, 2020. Convened by the Oxford University Museum of Natural History, <https://www.oxgvc.co.uk/>

72. Valeriu Stoilov-Linu, Mihai Niculiță, Dan Dumitriu (2020) Bankfull discharge of a mountainous anthropised river: How relevant is this for the channel geomorphology?, SGEM International Scientific Conferences On Earth & Planetary Sciences, Extended Scientific Sessions „Green Sciences For Green Life“, Schönbrunn Palace, Vienna, 2020, <https://www.sgemviennagreen.org/>
73. **Niculiță Mihai**, Necula Nicușor (2020) Complex back analysis of historical landslide events from Iași municipality, Romania, AGU Fall Meeting, 1-17 December 2020, <https://www.agu.org/fall-meeting>
74. **Niculiță Mihai** (2021) *Landslide and gully water and sediment connectivity: insights from high-resolution SfM DEMs*, Connectivity Conversations III, 21 January 2021, Ronald Pöpl, Anthony Parsons, IAG WG Connectivity in Geomorphology.
75. **Niculiță Mihai** (2021) *Landslide detection by machine learning on high-resolution DEMs*, vEGU21: Gather Online | 19–30 April 2021
76. Mihai Cosmin Ciotină, **Mihai Niculiță**, and Valeriu Stoilov-Linu (2021) *LiDAR, UAV SfM and geomorphic change detection in small quarry and landslide interactions*, vEGU21: Gather Online | 19–30 April 2021
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78. Necula Nicușor, **Niculiță Mihai** (2021) *Landslide and gully water and sediment connectivity: insights from high-resolution DEMs at the hillslope scale*, International Forum on Land Degradation, Soil Conservation and Sustainable Development, 2021 (LASOSU2021), 21-23 August 2021, Dalian, China, [http://lasosu2021.dlut.edu.cn/meeting/index\\_en.asp?id=2710](http://lasosu2021.dlut.edu.cn/meeting/index_en.asp?id=2710)
79. Ciotină Mihai Cosmin, **Niculiță Mihai** (2021) *Coupling LiDAR and SfM high-resolution DEMs for gully and landslide interaction research*, International Forum on Land Degradation, Soil Conservation and Sustainable Development, 2021 (LASOSU2021), 21-23 August 2021, Dalian, China, [http://lasosu2021.dlut.edu.cn/meeting/index\\_en.asp?id=2710](http://lasosu2021.dlut.edu.cn/meeting/index_en.asp?id=2710)
80. **Niculiță Mihai** (2021) Landslide topographic signature prediction using segmentation of roughness and Random Forest classification. Geomorphometry 2021 Conference, 13-17 September, Perugia, Italy. <http://geomorphometry2021.org>
81. **Niculiță Mihai** (2021) Burial mound detection using geomorphometry and statistical methods pixels versus objects. Geomorphometry 2021 Conference, 13-17 September, Perugia, Italy. <http://geomorphometry2021.org>
82. **Niculiță Mihai**, Mărgărint Mihai Ciprian (2021) *Landslide-river interactions during Quaternary in the Moldavian Plateau (Romania)*. FLAG Biennial Meeting, 20-21 September 2021, Evolution of fluvial systems at different time scales, Institute of Geography, Russian Academy of Sciences.
83. **Niculiță Mihai** (2021) *Landslide mapping on LiDAR DEMs using geomorphometry and machine learning*, 2021 BGS: Geomorphology in the Anthropocene, October 15-17, 2021, Department of Geosciences, Middle Tennessee State University, Murfreesboro, Tennessee.
84. **Niculiță Mihai** (2021) *LiDAR and UAV SfM for landslide monitoring*, 5th World Landslide Forum Implementing and Monitoring the Sendai Landslide Partnerships 2015-2025, 2-6 November 2021, Kyoto, Japan.
85. **Niculiță Mihai** (2022) Machine learning and geomorphometrical objects for convex and concave geomorphological features detection. EGU2022 | 23–27 Mai 2022, Vienna.
86. Văculeșteanu Georgiana, Margarint Mihai Ciprian, **Niculiță Mihai** (2022) Land degradation risk assessment using NDVI Landsat derived images – application in the hilly area of NE Romania. EGU2022 | 23–27 Mai 2022, Vienna.
87. Necula Nicușor, **Niculiță Mihai**, Vasiliniuc Ionuț (2022) Geosites, geomorphosites and geodiversity in Putna Catchment, Vrancea, Romania. EGU2022 | 23–27 Mai 2022, Vienna.
88. Albulescu Andra-Cosmina, Necula Nicușor, **Niculiță Mihai**, Grozavu Adrian, Larion Daniela (2022) Compensating the absent or incomplete data required in vulnerability analyses via GIS. A case study on the surface geology and building stock of Iași City, Romania. EGU2022 | 23–27 Mai 2022, Vienna.
89. **Niculiță Mihai** (2022) *The detection and delineation of tumuli from high-resolution DEMs*. 7th International Landscape Archaeology Conference, Iași-Suceava, 10-15 September 2022;
90. Mischka Carsten, Ceaușu Silviu-Constantin, **Niculiță Mihai**, Preoteasa Constantin (2022) *Improving the environment: landscape archaeology in the medieval fortresses from Moldavia*. 7th International Landscape Archaeology Conference, Iași-Suceava, 10-15 September 2022;
91. **Niculiță Mihai** (2022) *The archaeological implications of the geomorphological interpretations of high-resolution DEMs at regional scale*. 7th International Landscape Archaeology Conference, Iași-Suceava, 10-15 September 2022;
92. **Niculiță Mihai** (2022) A geomorphometrical approach to submarine landform classification. Seafloor Landforms, Processes and Evolution, Valletta, Malta, 4-6 Iulie 2022, University of Malta
93. **Niculiță Mihai** (2022) Geodiversity loss through anthropic impact: a study case from a hilly area with low geodiversity, Oxford Geoheritage Virtual Conference, 6-9 iunie 2022
94. Văculeșteanu, G., Doru, S. C., Necula, N., **Niculiță Mihai**, and Mărgărint, M. C. (2023) One century of pasture dynamics in a hilly area of Eastern Europe, as revealed by the land-use change approach, EGU General Assembly 2023, Vienna, Austria, 24–28 Apr 2023, EGU23-6765, <https://doi.org/10.5194/egusphere-egu23-6765>.
95. Necula, N., **Niculiță Mihai** (2023) EGMS data for national-scale landslides zonation, EGU General Assembly 2023, Vienna, Austria, 24–28 Apr 2023, EGU23-9834, <https://doi.org/10.5194/egusphere-egu23-9834>.
96. **Niculiță Mihai** (2023) Copernicus DEM vs. LiDAR: assessment of landform accuracy representation at regional scale, EGU General Assembly 2023, Vienna, Austria, 24–28 Apr 2023, EGU23-10090, <https://doi.org/10.5194/egusphere-egu23-10090>.
97. **Niculiță Mihai**, Necula Nicușor (2023) EGMS full resolution processing for slow moving landslides monitoring, Natural Hazards and Climate Change, Szeged, 23-24 March 2023.
98. **Niculiță Mihai** (2023) Deep Learning identification of tumuli from LiDAR DEMs at regional scale, Aerial Archaeology Research Group 2023, 21-23 September, Zagreb, Croatia.
99. **Niculiță Mihai**, Margarint Mihai Ciprian, Necula Nicușor, Văculeșteanu Georgiana (2023) Coupling LiDAR and SfM high-resolution DEMs for landslide monitoring in steep hilly areas with mixed land-use, 6th World Landslide Forum, 14-17 November 2023, Florence, Italy.



100. **Niculiță Mihai**, Necula Nicușor (2023) Regional to national scale mapping of active slow-moving landslides based on the European Ground Motion Service products, 6th World Landslide Forum, 14-17 November 2023, Florence, Italy.

## B. Participation at symposia, congresses, conferences, international seminars, and workshops (held in Romania):

1. **Niculiță Mihai**– *Considerations regarding the morphodynamics of Siret channel*, The works of the Geographic Seminar Dimitrie Cantemir, 17th ed., Alexandru Ioan Cuza University of Iasi, 19-21 October, 2007, Iasi
2. **Niculiță Mihai**, Niculiță Iuliana Cornelia – *Analysis of slope computation algorithms from gridded DEM*, International GIS Symposium 17<sup>th</sup> ed., Iasi, Gheorghe Asachi Technical University of Iasi, 2007.
3. **Niculiță Mihai** – *Global analysis of relief*, The works of the Geographic Seminar Dimitrie Cantemir, 18th ed., Alexandru Ioan Cuza University of Iasi, 17-19 October, 2008, Iasi
4. **Niculiță Mihai** – *Interpolation of soil pH values using an exponential constrained method*, International GIS Symposium, 17th ed., Alexandru Ioan Cuza University of Iasi, 16-17 October 2009, Iasi
5. **Niculiță Mihai**, Dumitriu Dan, Condorachi Dan – *Manipulation of 3D Models of Trotus river channel obtained using terrestrial laser scanning*, International GIS Symposium, 17th ed., Alexandru Ioan Cuza University of Iasi, 16-17 October 2009, Iasi
6. **Niculiță Mihai**, Rusu Constantin – *Geomorphometric analysis of cuesta landforms from Moldavian Plateau*, The works of the Geographic Seminar Dimitrie Cantemir, 19th ed., Alexandru Ioan Cuza University of Iasi, 16-18 October, 2009, Iasi
7. **Niculiță Mihai**, Roșca Bogdan, Pîrnău Radu, Niculiță Iuliana – *The use of multiple regression in DSM on geomorphometric bases*, International Symposium Present Environment and Sustainable Development, 4th ed., Alexandru Ioan Cuza University of Iasi, 17-19 October 2009, Iasi
8. **Niculiță Mihai**, Ciuhat Andrei, Minea Ionuț – *Bulhac type swamps from north-western Paun Hillslope*, International Symposium Geography in the context of sustainable development, 4th ed., Babes-Bolyai University, 4-6 iunie 2009, Zalau
9. Tanasa Iuliana Cornelia, **Niculiță Mihai**, Roșca Bogdan, Pîrnău Radu - *Pedometric techniques in spatialisation of soil properties for agricultural land evaluation*, "Prospects for the 3rd Millenium Agriculture" Symposia, Agricultural Sciences and Veterinary Medicine University, 30 September -2 October 2010, Cluj-Napoca
10. Dumitriu Dan, **Niculiță Mihai**, Condorachi Daniel - *Cuantificarea eroziunii malurilor râului Trotuș cu ajutorul scannerului 3D laser Leica HDS*, Lucrările celui de-al VIII-lea Simpozion Internațional Calitatea Mediului și Utilizarea Terenurilor, Stefan cel Mare University of Suceava , 6 May 2011, Suceava
11. **Niculiță Mihai** - *Structural and lithologic control on the geomorphometry of Tarcau and Marginal Folds Nappes area between Suceava and Trotus rivers (Eastern Carpathians)*, 14th Joint Geomorphological Meeting (JGM) Italy – Romania –Belgium – France – Greece, Contemporary directions in the study of the relief, University of Bucharest, 26 – 29 May 2010, Sinaia
12. **Niculiță Mihai** – *SRTM3 downsampling to SRTM1*, Interdisciplinarity in geoscience in the Carpathian Basin, Stefan cel Mare University of Suceava, 19-22 October 2012, Suceava
13. **Niculiță Mihai**, Mărgărint Mihai Ciprian, Grozavu Adrian – *Evolution of forested surfaces in Suceava county in the XXth century*, The works of the Geographic Seminar Dimitrie Cantemir, 22th ed., Alexandru Ioan Cuza University of Iasi, 12-14 October, 2012, Iasi
14. **Niculiță Mihai** – *The creation of a digital framework for probabilistic landslide modelling*, International GIS Symposium, 20th ed., Babes-Bolyai University, 9-10 Noiembrie 2012, Cluj-Napoca
15. **Niculiță Mihai** - *Data sources for extraction of gully extension in Romania*, 6th International Symposium on Gully Erosion in a Changing World, Alexandru Ioan Cuza University of Iasi, 06-12 May 2013, Iasi
16. Mărgărint Mihai Ciprian, **Niculiță Mihai** – *Progress in landslide susceptibility assessment in Moldavian Plateau (N-E Romania) based on semi and quantitative methods*, International Symposium Present Environment and Sustainable Development, 9th ed., Alexandru Ioan Cuza University of Iasi, 6-8 June 2014, Iasi
17. **Niculiță Mihai**, Mărgărint Mihai Ciprian - *Automatic extraction of shape morphometry of landslides from the Moldavian Plateau (N-E Romania)*, International Symposium Present Environment and Sustainable Development, 9th ed., Alexandru Ioan Cuza University of Iasi, 6-8 June 2014, Iasi
18. **Niculiță Mihai**, Mărgărint Mihai Ciprian, Boca Bogdan – *DEM processing for landslide volume estimation*, International Symposium Present Environment and Sustainable Development, 9th ed., Alexandru Ioan Cuza University of Iasi, 6-8 June 2014, Iasi
19. **Niculiță Mihai**, Cristea Dan - *Mapping books: connecting manuals with the map*, The works of the Geographic Seminar Dimitrie Cantemir, 24th ed., Alexandru Ioan Cuza University of Iasi, 17-19 October, 2014, Iasi
20. Andrei Adrian, **Niculiță Mihai**, Minea Ionuț – *Hidrogeologic observations in Madarjac commune*, The works of the Geographic Seminar Dimitrie Cantemir, 24th ed., Alexandru Ioan Cuza University of Iasi, 17-19 October, 2014, Iasi
21. **Niculiță Mihai**, Boca Bogdan – *Estimating the resolution, precision, uncertainty and error of DEMs obtained from contours versus LIDAR*, The works of the Geographic Seminar Dimitrie Cantemir, 24th ed., Alexandru Ioan Cuza University of Iasi, 17-19 October, 2014, Iasi
22. Todosi Cristian, **Niculiță Mihai**, Rusu Constantin – *Rediu lake colmation analysis*, The works of the Geographic Seminar Dimitrie Cantemir, 24th ed., Alexandru Ioan Cuza University of Iasi, 17-19 October, 2014, Iasi
23. Doru Silviu, **Niculiță Mihai**, Rusu Constantin – *Mogosesti municipality land use dynamics (1962-2010)*, The works of the Geographic Seminar Dimitrie Cantemir, 24th ed., Alexandru Ioan Cuza University of Iasi, 17-19 October, 2014, Iasi
24. Andrei Adrian, **Niculiță Mihai** – *Tehnici SIG pentru cartarea digitală a structurilor geologice*, International GIS Symposium, 23th ed., Alexandru Ioan Cuza University of Iasi, 2-4 October 2015, Iasi
25. Todosi Cristian, **Niculiță Mihai** – *Tehnici SIG pentru estimarea erorilor implicate în determinarea volumelor de sedimente din lacurile de acumulare*, International GIS Symposium, 23th ed., Alexandru Ioan Cuza University of Iasi, 2-4 October 2015, Iasi

26. Doru Silviu, **Niculiță Mihai** – *Tehnici SIG pentru estimarea erorilor implicate în determinarea schimbărilor utilizării terenului*, International GIS Symposium, 23th ed., Alexandru Ioan Cuza University of Iasi, 2-4 October 2015, Iasi
27. **Niculiță Mihai**, Mărgărint Mihai Ciprian, Michele Santangelo – *Activitatea holocenă a alunecărilor de teren din Podișul Moldovei susținută de dovezi arheologice*, The works of the Geographic Seminar Dimitrie Cantemir, 25th ed., Alexandru Ioan Cuza University of Iasi, 16-18 October, 2015, Iasi
28. Todosi Cristian, **Niculiță Mihai**, Boca Bogdan, Bucur Daniel (2015) - *Reservoir sedimentation analysis using GIS techniques in the Bahlui watershed, in the perspective of agricultural development*, CSA 2015, 22-25 October, Iași.
29. **Niculiță Mihai**, Cristea Dan - *MappingBooks: aplicație SIG în educație*, The works of the Geographic Seminar Dimitrie Cantemir, 25th ed., Alexandru Ioan Cuza University of Iasi, 16-18 October, 2015, Iasi
30. **Niculiță Mihai**, Cristea Dan - *GeoEduGIS – a GIS geodatabase for educational purposes*, ECOSMART, International Conference – Environment at a Crossroads: SMART approaches for a sustainable future, University of Bucharest, 12-14 November 2015, Bucharest
31. **Niculiță Mihai**, Mărgărint Mihai Ciprian, Santangelo Michele – *Using high resolution LIDAR DEM to reconstruct historical network of lakes and wetlands in the Northern part of the Moldavian Plateau, NE Romania*, Central and Eastern Europe Paleoscience Symposium: From Local to Global, 23-25 May 2016, Cluj Napoca
32. Mărgărint Mihai Ciprian, **Niculiță Mihai** – *Pleistocene landslides in the Moldavian Plateau, Eastern Romania*, Central and Eastern Europe Paleoscience Symposium: From Local to Global, 23-25 May 2016, Cluj Napoca, Romania.
33. Butnariu George Daniel, Stătescu Florian, Mărgărint Mihai Ciprian, **Niculiță Mihai** - *The recent evolution of the Prut river channel in the territorial administrative unit of Prisăcani commune, Iași County*, International Symposium GEOMAT 2016, 4th Edition, Gheorghe Asachi Technical University of Iași, 3-6 November 2016, Iași
34. Silviu Doru, **Niculiță Mihai**, Rusu Constantin - *Dinamica suprafețelor împădurite în județul Iași în secolele XX-XXI*, The works of the Geographic Seminar Dimitrie Cantemir, 26th ed., Alexandru Ioan Cuza University of Iasi, 21-23 October, 2016, Iasi
35. Todosi Cristian, **Niculiță Mihai**, Rusu Constantin - *Bugetul de sedimente al bazinului hidrografic aferent lacului de acumulare Podu Iloaiei*, The works of the Geographic Seminar Dimitrie Cantemir, 26th ed., Alexandru Ioan Cuza University of Iasi, 21-23 October, 2016, Iasi
36. **Niculiță Mihai**, Mărgărint Mihai Ciprian, Santangelo Michele - *Activitatea holocenă a alunecărilor de teren din Podișul Moldovei susținută de dovezi arheologice*, The works of the Geographic Seminar Dimitrie Cantemir, 26th ed., Alexandru Ioan Cuza University of Iasi, 21-23 October, 2016, Iasi
37. **Niculiță Mihai**, Bucci Francesco, Mărgărint Mihai Ciprian, Santangelo Michele - *Landslides and fortified settlements as valuable geoheritage sites in the Moldavian Plateau, North-Eastern Romania*, The works of the Geographic Seminar Dimitrie Cantemir, 26th ed., Alexandru Ioan Cuza University of Iasi, 21-23 October, 2016, Iasi
38. Silviu Doru, **Niculiță Mihai**, Rusu Constantin - *Land use dynamics in Iași county during the post-socialist period (1990-2012)*, The works of the Geographic Seminar Dimitrie Cantemir, 26th ed., Alexandru Ioan Cuza University of Iasi, 21-23 October, 2016, Iasi
- 39.
40. Stoilov-Linu Valeriu, **Niculiță Mihai**, Danila Ana-Maria, Macarei (cas. Diaconu) Daniela – *Recognition and delineation of the recent landslides from Iași County, Romania*, International GIS Symposium, 25th ed., Alexandru Ioan Cuza University of Iasi, 27-28 September 2017, Iasi
41. **Mihai Niculiță**, Mihai Ciprian Mărgărint, Alexandru Ionut Cristea - *O cronologie holocenă extinsă a alunecărilor de teren din Podișul Moldovei utilizând dovezi arheologice și geomorfologice*, The works of the Geographic Seminar Dimitrie Cantemir, 27th ed., Alexandru Ioan Cuza University of Iasi, 13-15 October, 2017, Iasi
42. **Mihai Niculiță**, Mihai Ciprian Mărgărint, Alexandra Németh, Alexandru Ionuț Cristea, Silviu Doru - *Amprente geomorfologice ale iazurilor din Dealurile Jijiei, Podișul Moldovei*, The works of the Geographic Seminar Dimitrie Cantemir, 27th ed., Alexandru Ioan Cuza University of Iasi, 13-15 October, 2017, Iasi
43. **Mihai Niculiță**, Mihai Ciprian Mărgărint - *Alunecările și siturile arheologice fortificate din Podișul Moldovei ca geomorfosituri și geosituri*, The works of the Geographic Seminar Dimitrie Cantemir, 27th ed., Alexandru Ioan Cuza University of Iasi, 13-15 October, 2017, Iasi
44. Necula Nicușor, **Niculiță Mihai** - *Analiza susceptibilității spațiale la alunecări de teren în Municipiul Iași*, The works of the Geographic Seminar Dimitrie Cantemir, 27th ed., Alexandru Ioan Cuza University of Iasi, 13-15 October, 2017, Iasi
45. Mărgărint Mihai Ciprian, **Niculiță Mihai**, Roder Giulia, Tarolli Paolo - *Stakeholders' preparedness level in the face of Natural Hazards in the rural communities from Iași Metropolitan Area*, International Symposium Present Environment and Sustainable Development, 13th ed., Alexandru Ioan Cuza University of Iasi, 1-3 June 2018, Iasi
46. Văcușteanu Georgiana, Margarint Mihai Ciprian, **Niculiță Mihai** - *Landslides and Floods and disappeared settlements in NE Romania in the last century*, International Symposium Present Environment and Sustainable Development, 13th ed., Alexandru Ioan Cuza University of Iasi, 1-3 June 2018, Iasi
47. Mărgărint Mihai Ciprian, **Niculiță Mihai** - *Human fingerprint on Earth Surface: abandoned reservoirs from NE Romania*, 5th International Conference Geographical Research and Cross-Border Cooperation, University of Craiova, 6-9 September 2018, Craiova
48. **Niculiță Mihai** - *Accuracy of SRTM data for Prut-Barlad catchment*, International GIS Symposium, 26th ed., Gheorghe Asachi Technical University of Iași, 5-6 October 2018, Iasi
49. Doru Silviu, **Niculiță Mihai** - *A GIS digital framework for land use/cover change detection in raster format*, Universitatea Tehnică Gh. Asachi din Iași, International GIS Symposium, 26th ed., Gheorghe Asachi Technical University of Iași, 5-6 October 2018, Iasi
50. **Niculiță Mihai**, Stoilov-Linu Valeriu - *Utilizarea dronei și a metodei structure-from-motion la crearea modelelor numerice ale terenului: aspecte metodologice și evaluări privind precizia*, International GIS Symposium, 26th ed., Gheorghe Asachi Technical University of Iași, 5-6 October 2018, Iasi
51. Necula Nicușor, **Niculiță Mihai**, Floris Mario - *Surse de date SAR satelitare și tehnici A-DInSAR folosite pentru detectarea deformațiilor suprafeței terestre în areale urbane*, International GIS Symposium, 26th ed., Gheorghe Asachi Technical University of Iași, 5-6 October 2018, Iasi

52. **Niculiță Mihai**, Mărgărint Mihai Ciprian, Chiriloaiei Francisca, Necula Nicușor, Doru Silviu, Stoilov-Linu Valeriu - *Utilizarea tomografiei rezistivității electrice în studiul alunecărilor de teren*, The works of the Geographic Seminar Dimitrie Cantemir, 28th ed., Alexandru Ioan Cuza University of Iasi, 19-21 October, 2018, Iasi
53. **Niculiță Mihai** - *Câmpia Moldovei: probleme de terminologie geografică*, The works of the Geographic Seminar Dimitrie Cantemir, 28th ed., Alexandru Ioan Cuza University of Iasi, 19-21 October, 2018, Iasi
54. Necula Nicușor, **Niculiță Mihai**, Floris Mario - *Urban landslides investigations with PSI techniques*, The works of the Geographic Seminar Dimitrie Cantemir, 28th ed., Alexandru Ioan Cuza University of Iasi, 19-21 October, 2018, Iasi
55. Stoilov-Linu Valeriu, **Niculiță Mihai**, Necula Nicușor, Dumitriu Dan - *Utilizarea tehnologiei UAV și a metodei SfM în geomorfologia fluvială*, The works of the Geographic Seminar Dimitrie Cantemir, 28th ed., Alexandru Ioan Cuza University of Iasi, 19-21 October, 2018, Iasi
56. Bănică Alexandru, Munteanu Alina, Ursu Adrian, **Niculiță Mihai**, Roșu Lucian - *Challenges in implementing a dropout prevention program for at-risk students. Case study: ROSE-GeoDA*, The works of the Geographic Seminar Dimitrie Cantemir, 28th ed., Alexandru Ioan Cuza University of Iasi, 19-21 October, 2018, Iasi
57. Văculișteanu Georgiana, Mărgărint Mihai Ciprian, **Niculiță Mihai** - *Past floods and landslides in Iași Metropolitan area, Romania – a cartographic and archive based analysis*, International Symposium Present Environment and Sustainable Development, 14th ed., Alexandru Ioan Cuza University of Iasi, 7-9 June 2019, Iasi <http://www.pesd.ro/Symposium%20site/2019/Programme-PESD%20-%202019.pdf>
58. Valeriu Stoilov-Linu, **Niculiță Mihai**, Dan Dumitriu - *The determination of bank-full discharge of Bistricioara River*, International Symposium Present Environment and Sustainable Development, 14th ed., Alexandru Ioan Cuza University of Iasi, 7-9 June 2019, Iasi
59. Valeriu Stoilov-Linu, **Niculiță Mihai**, Dan Dumitriu ("Alexandru Ioan Cuza" University of Iași, Romania): *Geomorphological planform typology of the Bistricioara River channel (Eastern Carpathians, Romania)*, The 7 International Conference Economic Scientific Research – Theoretical, Empirical and Practical Approaches, ESPERA 2020, București, România, 2020
60. Valeriu Stoilov-Linu, **Niculiță Mihai**, Dan Dumitriu ("Alexandru Ioan Cuza" University of Iași, Romania): *Geomorphological planform typology of the Bistricioara River channel (Eastern Carpathians, Romania)*, Present Environment and Sustainable Development, ed. a XV-a, Iași, Romania, 2020
61. Valeriu Stoilov-Linu, **Niculiță Mihai**, Dan Dumitriu ("Alexandru Ioan Cuza" University of Iași, Romania): *Geomorphological planform typology of the Bistricioara River channel (Eastern Carpathians, Romania)*, Seminarul Geografic Internațional "Dimitrie Cantemir", Iași, România, 2020
62. **Niculiță Mihai** (2022) *Pleistocene to Holocene evolution of Bahluiet Valley at Costești (Iași County, Romania) – an interplay between fluvial and hillslope processes*, Climate and Environmental Changes in Central-Eastern Europe. Past, Present and Future (CECCEE-2022), 24-27 November, University of Suceava, At Distance Education and Long-life Learning Office, Vatra Dornei, Romania.
63. Necula Nicușor, **Niculiță Mihai** (2022) *Geomorphometric delineation of floodplains for quaternary deposits mapping*, Climate and Environmental Changes in Central-Eastern Europe. Past, Present and Future (CECCEE-2022), 24-27 November, University of Suceava, At Distance Education and Long-life Learning Office, Vatra Dornei, Romania.

### C. Participation at national symposia, congresses, conferences, seminars, and workshops:

1. **Niculiță Mihai** – *Oligocene fossil fish from Piatra Neamț*, Scientific communication competition for geographer pupils, 2002, Faculty of Geography, University of Bucharest, Orsova, Ild Prize
2. **Niculiță Mihai** – *Geomorphologic study of Mountain Pietricica*, National Symposium of Geographer Students, University of Bucharest, 2004, Bucharest, Simion Mehedinți Prize
3. **Niculiță Mihai**, Ciuhat Andrei – *Hydro-geomorphological considerations on Iasi Coast*, National Symposium of Geographer Students, University of Bucharest, 2005, Bucharest, Ist Prize
4. Baci Dorin-Sorin, **Niculiță Mihai**, Gradianu Ionuț - *Structural geology corrections in Agărcia and Doamna basins*, Piatra Neamț, Vrancea Nappe, Symposium Grigore Cobalcescu, Alexandru Ioan Cuza University of Iasi, 27-28 October 2006, Iasi
5. Gradianu Ionuț, **Niculiță Mihai**- *Kotlarczykia bathybia Jermanska, 1974, (Teleostei, Gonostomatidae), from oligocene strata, Piatra Neamț, Vrancea Nappe*, Symposium Grigore Cobalcescu, Alexandru Ioan Cuza University of Iasi, 27-28 October 2006, Iasi
6. **Niculiță Mihai**– *The effect of 18-19 august 2005 flood on environment of Sabasa basin*, National Symposium of Geographer Students, University of Bucharest, 2006, Bucharest, Departament Credis Prize
7. **Niculiță Mihai**, Tanasa Luliana Cornelia – *The use of DEM in spatial hydrologic modelling. Case study: Piatra Neamț area*, National Symposium of Geographer Students, University of Bucharest, 2006, Bucharest
8. Tanasa Luliana Cornelia, **Niculiță Mihai**– *Modelling Crucii Lake colmation (Stânișoara Mountains)*, National Symposium of Geographer Students, University of Bucharest, 2007, Bucharest, Ild Prize.
9. **Niculiță Mihai**– *The use DEMs in environmental modeling. Case study: Bârlad basin*, National Symposium of Geographer Students, University of Bucharest, 2007, Bucharest, Society of Geography Prize
10. Baci Dorin-Sorin, **Niculiță Mihai**, Gradianu Ionuț - *Oligocene fossil fish from olistolith of bituminous marls from Pietricica Mountain, Piatra Neamț, Vrancea nappe*, National Symposium of Paleontology, Alexandru Ioan Cuza University of Iasi, 2007, Iasi
11. **Niculiță Mihai**, Niculiță Luliana Cornelia - *Transformations of soil use from NE Romania revealed using satellite images*, Symposium Factors and pedogenetic processes in the temperate zone, 17th ed., Recent transformations in the use of soils in the North-East Region of Romania, Alexandru Ioan Cuza University of Iasi, September 2007, Iasi-Campulung Moldovenesc
12. **Niculiță Mihai** – *Local-regional-global correlations of some geomorphometric variables*, Annual Geographical Symposium 17th ed., 2007, Romanian Academy of Sciences, Iasi Branch



13. **Niculita Mihai**, Minea Ionut – *Variations and implications of maximum hypothetic discharge of Bârlad river*, Workshop CEEEX "Impact of hydro-climatic and pedo-geomorphologic risks on Bârlad basin environment", Alexandru Ioan Cuza University of Iasi, November 2007, Iasi
14. **Niculita Mihai**, Tanasa Iuliana Cornelia – *Analysis of principal geomorphometric variables of Bârlad river basin*, Workshop CEEEX "Impact of hydro-climatic and pedo-geomorphologic risks on Bârlad basin environment", Alexandru Ioan Cuza University of Iasi, November 2007, Iasi
15. **Niculita Mihai**, Minea Ionut – *Precipitation flow-models applied for hydrological risk evaluation in Bârlad river basin*, Workshop CEEEX "Impact of hydro-climatic and pedo-geomorphologic risks on Bârlad basin environment", Alexandru Ioan Cuza University of Iasi, June 2008, Iasi
16. **Niculita Mihai**, Niculita Iuliana Cornelia – *Soil erosion risk computed using geomorphometrical variables in Bârlad river basin*, Workshop CEEEX "Impact of hydro-climatic and pedo-geomorphologic risks on Bârlad basin environment", Alexandru Ioan Cuza University of Iasi, June 2008, Iasi
17. **Niculita Mihai** – *Landslide risk estimated using geomorphometrical variables in Bârlad river basin*, Workshop CEEEX "Impact of hydro-climatic and pedo-geomorphologic risks on Bârlad basin environment", Alexandru Ioan Cuza University of Iasi, June 2008, Iasi
18. **Niculita Mihai** – *Slope calculation algorithms on land numerical models*, Symposium Of Information Technologies in Land Improvements and Sustainable Environmental Development, Alexandru Ioan Cuza University of Iasi, 27 June 2008, Iasi
19. Minea Ionut, **Niculita Mihai** - *Bahlui River Basin. Morphometric analysis*, Annual Communication Session of the Faculty of Geography, University of Bucharest, Year 2008 – Year of the Earth, Bucharest – November 15, 2008
20. **Niculita Mihai**, Rusu Constantin – *Geomorphologic and soil limit between Cacaina floodplain and Copou hillslope*, National Symposium of Geomorphology, 25th ed., April 2009, Cluj-Napoca – Arcalia
21. **Niculita Mihai**, Rusu Constantin - *Geomorphologic and soil limit between Cacaina floodplain and Copou hillslope*, National Symposium of Soil Science, 19th ed., Ion Ionescu de la Brad Agronomic University, August 2009, Iasi
22. **Niculita Mihai** – *Comparative analysis of altitude sources available for geomorphometric analysis*, National Symposium of Geomorphology: "Degradation of land in the context of global change", 26th ed., Alexandru Ioan Cuza University of Iasi, 17-18 September 2010, Iasi
23. **Niculita Mihai**, Negoita Theodor – *Soil pedologic factors in Bjordalen, Central Spitsbergen*, Symposium Factors and pedogenetic processes in the temperate zone, 20th ed., Natural and anthropogenic degradation of the soil cover, Alexandru Ioan Cuza University of Iasi, 10-12 September 2010, Focsani-Odobesti
24. **Niculita Mihai**, Rusu Constantin – *Geomorphometric regionalisation and classification of Romanian landforms using SRTM data*, Romanian Geomorphology Symposium, 14-17 June 2012, Bar
25. **Niculita Mihai**, Minea Ionut, Buruiana Dan – *Bahlui river bed vertical dynamic between 1980 and 2008*, National Symposium of Geomorphology, 29th ed., Stefan cel Mare University of Suceava, 30 May – 1 June 2013, Suceava
26. Dan Dumitriu, Florin Obreja, **Niculita Mihai**– *Trotus river channel response to 2000-2010 floods*, National Symposium of Geomorphology, 29th ed., Stefan cel Mare University of Suceava, 29th ed., 30 May – 1 June 2013, Suceava
27. Mărgărint Mihai Ciprian, Pourghasemi Hamid Reza, **Niculita Mihai**, Abbas Goli Jirandeh – *Morphometric characteristics of landslides from Jijia basin (Northern Moldavia)*, National Symposium of Geomorphology, 30th ed. "Relevance of geomorphology for society – realizations and perspectives", Orsova Geographical Station, 29 – 31 May, 2014
28. Mărgărint Mihai Ciprian, Pourghasemi Hamid Reza, **Niculita Mihai** - *Comparison and validation of logistic regression for landslide susceptibility modelling in Jijia basin, Moldavian Plateau*, National Symposium of Geomorphology, 30th ed. "Relevance of geomorphology for society – realizations and perspectives", Orsova Geographical Station, 29 – 31 May, 2014
29. **Niculita Mihai**, Niculita Iuliana Cornelia – *Conceptual framework for the evaluation of landslide risk from the perspective of soil evaluation and land use*, Symposium Factors and pedogenetic processes in the temperate zone, 24th ed., Antrosols-Technosols. Taxonomy, problematization, perspectives, Alexandru Ioan Cuza University of Iasi, 19-21 September 2014, Iasi
30. Todosi Cristian, **Niculita Mihai**, Rusu Constantin – *Modelling and validation of soil erosion in Ciubesti lake catchment*, Symposium Factors and pedogenetic processes in the temperate zone, 24th ed., Antrosols-Technosols. Taxonomy, problematization, perspectives, Alexandru Ioan Cuza University of Iasi, 19-21 September 2014, Iasi
31. Doru Silviu, **Niculita Mihai**, Rusu Constantin – *Valea Lupului municipality land use dynamics from the perspective of soil use*, Symposium Factors and pedogenetic processes in the temperate zone, 24th ed., Antrosols-Technosols. Taxonomy, problematization, perspectives, Alexandru Ioan Cuza University of Iasi, 19-21 September 2014, Iasi
32. **Niculita Mihai**, Mărgărint Mihai Ciprian, Santangelo Michele – *The Holocene activity of landslides from Moldavian Plateau*, National Symposium of Geomorphology, 23th ed., 19-22 mai 2016, Piatra Neamt
33. Mărgărint Mihai Ciprian, **Niculita Mihai** - *Possibilities for reconstituting the historical network of anthropogenic lakes in the northern part of the Moldavian Plateau by analyzing and interpreting the geomorphology of abandoned dams*, National Symposium of Geomorphology, 23th ed., 19-22 mai 2016, Piatra Neamt
34. Todosi Cristian, **Niculita Mihai**, Rusu Constantin - *Analysis of the sedimentation of Podu Iloai reservoir, Bahlui catchment, Romania*, National Symposium of Geomorphology, 23th ed., 19-22 mai 2016, Piatra Neamt
35. **Niculita Mihai** – *Archaeological and geomorphological evidence of the age of soils in the Moldavian Plateau*, Symposium Factors and pedogenetic processes in the temperate zone, 26th ed., Soil science and archaeology: research methods and perspectives, Alexandru Ioan Cuza University of Iasi, 16-18 September 2016, Iasi
36. Todosi Cristian, **Niculita Mihai** – *Calculation of the land use factor according to the RUSLE2 methodology in the context of land use data in Romania*, Symposium Factors and pedogenetic processes in the temperate zone, 26th ed., Soil science and archaeology: research methods and perspectives, Alexandru Ioan Cuza University of Iasi, 16-18 September 2016, Iasi
37. Doru Silviu, **Niculita Mihai** – *Calculation of the land use factor according to the RUSLE2 methodology in the context of land use data in Romania*, Symposium Factors and pedogenetic processes in the temperate zone, 26th ed., Soil science and archaeology: research methods and perspectives, Alexandru Ioan Cuza University of Iasi, 16-18 September 2016, Iasi
38. Baci Dorin Sorin, Dumitriu Tony Cristian, **Niculita Mihai**, Necula Nicușor, Brânzila Mihai – *External Moldavides, Eastern Carpathians*,

- central-north sector, 3D structural geologic model – discussions, Scientific Symposium „Grigore Cobalcescu”, Alexandru Ioan Cuza University of Iasi, 29 October 2016, Iași
39. Stoilov-Linu Valeriu, **Niculită Mihai**, Dănilă Maria, Cazimir Paula – *Recent landslides from Iași Metropolitan Area, Romania*, National Symposium of Geomorphology, 33th ed., Alexandru Ioan Cuza University of Iasi, 11-14 May 2017, Iași
  40. Necula Nicușor, **Mihai Niculiță**, Floris Mario, Tessari Giulia - *InSAR analysis of Sentinel-1 data for monitoring landslide displacement of the north-eastern Copou hillslope, Iași city, Romania*, National Symposium of Geomorphology, 33th ed., Alexandru Ioan Cuza University of Iasi, 11-14 May 2017, Iași
  41. **Niculită Mihai**, Andrei Adrian, Lupu Cristina - *The landslide database of Nord-East Romania, Romania*, National Symposium of Geomorphology, 33th ed., Alexandru Ioan Cuza University of Iasi, 11-14 May 2017, Iași
  42. Bejenaru Alina, **Mihai Niculiță** - *Landslide inventory for Crasna catchment, Moldavian Plateau, Romania*, National Symposium of Geomorphology, 33th ed., Alexandru Ioan Cuza University of Iasi, 11-14 May 2017, Iași
  43. **Niculită Mihai**, Lupașcu Călin, Lepărda George - *Unsupervised digital mapping of floodplain landforms from Trotuș catchment, Romania*, National Symposium of Geomorphology, 33th ed., Alexandru Ioan Cuza University of Iasi, 11-14 May 2017, Iași
  44. Necula Nicușor, **Niculită Mihai**, Baciu Dorin Sorin, Floris Mario - *Detection of neotectonic deformations in the Focșani Basin using satellite SAR data sources and multi-temporal interferometry techniques*, Scientific Symposium „Grigore Cobalcescu”, Alexandru Ioan Cuza University of Iasi, 27 October 2018, Iași
  45. Necula Nicușor, **Niculită Mihai**, Floris Mario – *Identifying slow-moving landslide deformations affecting rural areas using Interferometric Stacking techniques and Sentinel-1 data*, National Symposium of Geomorphology, 34th ed., 16-20 May 2018, Buzău
  46. **Niculită Mihai**, Stoilov-Linu Valeriu, Necula Nicușor – *Recent landslides from Iași Metropolitan Area*, National Symposium of Geomorphology, 34th ed., 16-20 May 2018, Buzău
  47. Doru Silviu, **Niculită Mihai**, Rusu Constantin - *Spatial dynamics of arable and pastoral land in Iași County in the XX-XXI centuries*, Symposium Factors and pedogenetic processes in the temperate zone, 28 th ed., Pedolandscape in theatres of war, Alexandru Ioan Cuza University of Iasi, 21-23 September 2018, Iași
  48. Baciu Dorin Sorin, **Niculită Mihai**, Dumitriu Tony Cristian, Necula Nicușor - *Doamna-Horaița Anticline (Semifereastră Bistrița, Pânza Cutelor marginale/Vrancei) – diapire fault or fault-propagation fold*, Scientific Symposium „Grigore Cobalcescu”, Alexandru Ioan Cuza University of Iasi, 27 October 2018, Iași
  49. Mărgărint Ciprian, **Niculită Mihai** – *Multiscalarly in assessing susceptibility, hazard and risk to landslides. Applications in the Moldavian Plateau and practical recommendations*, Symposium Landslides – Multidisciplinary Approaches, 2019, Society Romanian Geotechnical and Foundations, Association of Geomorphologists of Romania, Association of Romanian of Engineering Geology, Association of Hydrogeologists of Romania
  50. **Niculită Mihai**, Mărgărint Mihai Ciprian, Necula Nicușor, Tarolli Paolo, Stoilov-Linu Valeriu, Doru Silviu Costel, Văculețeanu Georgiana - *The reservoir bottom gullies from Jijia-Bahlui Depression*, 35th Romanian Symposium on Geomorphology, 23-26 mai 2019, Timișoara, Romania
  51. Stoilov-Linu Valeriu, **Niculită Mihai**, Dumitriu Dan - *The sediment fluxes from Bistricioara catchment (Eastern Carpathians)*, 35th Romanian Symposium on Geomorphology, 23-26 mai 2019, Timișoara, Romania
  52. **Niculită Mihai** - *Geomorphological restitutions: Moldavian Plain and Transilvanian Plain*, 35th Romanian Symposium on Geomorphology, 23-26 mai 2019, Timișoara, Romania
  53. **Niculită Mihai**, Mărgărint Mihai Ciprian, Chiriloaiei Francisca, Necula Nicușor, Stoilov-Linu Valeriu, Doru Silviu Costel - *The complex Upper Pleistocene landslide from Costești (Iași County) – dating and characterization*, 35th Romanian Symposium on Geomorphology, 23-26 mai 2019, Timișoara, Romania
  54. Valeriu Stoilov-Linu, **Niculită Mihai**, Dan Dumitriu - *Fluxurile de sedimente din bazinul hidrografic Bistricioara (Carpații Orientali)*, Conferința științifică Anuală Hidrologia și gospodărirea apelor – de la tradiție la abordări interdisciplinare, Institutul Național de Hidrologie și Gospodărire a Apelor, 19-20 noiembrie 2019, București, <http://www.inhga.ro/conferinta-stiintifica>
  55. Valeriu Stoilov-Linu, **Mihai Niculiță**, Dan Dumitriu: *Fluxurile de sedimente din Bazinul Hidrografic Bistricioara (Carpații Orientali), "DEZVOLTAREA SUSTENABILĂ ȘI REZILIENTĂ A ZONEI MONTANE DIN ROMÂNIA ÎN CONTEXTUL NOILOR PROVOCĂRI GENERATE DE PANDEMIA CU COVID-19 ȘI ACORDUL VERDE EUROPEAN (THE EUROPEAN GREEN DEAL)"*, Centrul De Economie Montană "CE-MONT", Vatra Dornei (România), 2020
  56. **Niculită Mihai** - *Hazardurile naturale și efectul acestora asupra mediului: între realități și legislație*, Conferința Dreptul Mediului. Reglementari legislative si aspecte practice, 04 decembrie 2020, PROIECT "ÎMBUNĂTĂȚIREA CALITĂȚII ACTIVITĂȚII DIDACTICE PRIN PERFECȚIONAREA ÎN DOMENIUL ȘTIINȚELOR JURIDICE A CADRELOR DIDACTICE DE LA FACULTĂȚILE FĂRĂ PROFIL JURIDIC DIN UNIVERSITATEA „AL. I. CUZA” IAȘI (UAIC)" – PERFECT- JURID-UAIC– CNFIS-FDI-2020-0520
  57. **Niculită Mihai** – *Detection and delineation of karst sinkholes and aeolian closed depressions from Romania*, 37th Romanian National Symposium on Geomorphology, SNG2022, 15-19 iunie 2022, Sinaia
  58. Necula Nicușor, **Niculită Mihai** – *Geomorphometric delineation of the channels and floodplains from the Moldavian Plateau*, 37th Romanian National Symposium on Geomorphology, SNG2022, 15-19 iunie 2022, Sinaia
  59. **Niculită Mihai** – *GLO-30 as a global DEM for geomorphological applications*, 38th Romanian National Symposium on Geomorphology, SNG023, 25-28 mai 2023, Cluj Napoca
  60. Necula Nicușor, **Niculită Mihai** – *Towards national active landslide inventory using EGMS datasets*, 38th Romanian National Symposium on Geomorphology, SNG023, 25-28 mai 2023, Cluj Napoca

ANNEX 3  
RESEARCH GRANTS

NR. CRT.	CONTRACT	Value, no. of members, results, publications
1.	2006-2008, CEEX research grant 756/2006, cod MedC 3391, <b>Impact of hydro-climatic and pedo-geomorphological risks on the environment in the Barlad basin</b> , Principal Investigator PhD Constantin Rusu, Beneficiar: Universitatea „Alexandru Ioan Cuza” din Iași	210 000 EURO (UAIC), 25 members, Annex 1 A1-5, D1-5.
2.	2007-2010, research grant PNCD II – IDEI 436 Nr. 146/2007, <b>Models for assessing the sediment budget in relation to the anthropogenic impact of a river basin. Case study: Trotuș River basin</b> , Principal Investigator PhD Dumitriu Dan, Beneficiar: Universitatea „Alexandru Ioan Cuza” din Iași	130 000 EURO (UAIC), 5 members, Annex 1 C3, D8-9.
3.	2010-2012, ESF, EUROPOLAR ERA_NET, PolarCLIMATE, <b>The structure and dynamics of polar ecosystems: interhemispheric comparisons of micro, macroflora and biogeochemical processes in relation to climate change – INTERHEMISPHERE</b> , Principal Investigator PhD Theodor Negoită, Romanian Polar Institute; PNII -IDEI code 1 EUROPOLAR/2010.	2 000 000 EURO, 50 members, Annex 2 A3.
4.	2010-2012, European Social Fund, Sectorial Operational Programme Development of Human Resources, Priority Axis 1 "Education and training in support of economic growth and development of the knowledge-based society", Major field of intervention 1.5 "Doctoral and postdoctoral programmes in support of research", Project title: <b>Doctoral studies: portal to a career of excellence in research and the knowledge society</b> , Research Grant Code: POSDRU/88/1.5/S/47646, Beneficiary: Alexandru Ioan Cuza University of Iași. Principal Investigator PhD Ovidiu Gabriel Iancu, Alexandru Ioan Cuza University of Iași Doctoral researcher on the theme <b>A digital framework for geomorphometric analysis of landforms represented on DEMs</b>	15 000 EURO, 1 member, Annex 1: C1.
5.	2013-2015, Invest in people! European Social Fund, Sectorial Operational Programme Development of Human Resources 2007-2013, Priority Axis 1 "Education and training in support of economic growth and development of the knowledge-based society", Major field of intervention 1.5 "Doctoral and postdoctoral programmes in support of research", Project title: <b>Doctoral and post-doctoral programmes of excellence for the training of highly qualified human resources for research in the fields of Life, Environment and Earth Sciences</b> , ID133391, Contract Code: POSDRU/159/1.5/S/133391, Beneficiary: Universitatea din București, Partner: Universitatea "Alexandru Ioan Cuza" din Iași Postdoctoral research on the theme project <b>Modelling landslide susceptibility in the Moldavian Plateau by geomorphometric and geostatistic methods</b>	15 000 EURO, 1 member, Annex 1 A9, B1-B2.
6.	2014-2017, <b>Mapping Books – Intră în carte!</b> , National Research Grant PN-II-PT-PCCA-2013-4-1878/AD-2, Principal Investigator Proff. Cristea Dan, Beneficiary: Alexandru Ioan Cuza University of Iași	121 000 EURO (UAIC), 5 members, 320 000 EURO (TOTAL) Annex 1 A8.
7.	2016, member în GRANT #9869-16, " <b>Oligocene - Early Miocene (34-16 MYA) Fauna: Field Excavations in the East Carpathians, Romania</b> ", Principal Investigator PhD Grădianu Ionuț, Muzeul de Științe ale Naturii, Piatra Neamț, financed by National Geographic Society Washington D.C.	40 000 EURO, 10 members.
8.	2017-2020, Secondary Education Project (ROSE), Scheme of non-competitive grants for universities, round I, sub-project " <b>Become a graduate of the Faculty of Geography and Geology in Iași!</b> -	150 000 EURO, 20 members.

	GeoDA" - AG 31/SGU/NC/I, Leader: Lecturer PhD Alex Bănică, Beneficiary: Alexandru Ioan Cuza University of Iași	
9.	2018-2019, Alexandru Ioan Cuza University of Iași Internal Grant <b>Pleistocene landslides in the Moldavian Plateau: from hazard to geoheritage. Case study: the Bahluiet Valley at Costești geoheritage site</b> , <a href="http://geo.uaic.ro/costesti/">http://geo.uaic.ro/costesti/</a> , Beneficiary: Alexandru Ioan Cuza University of Iași	10 000 EURO, 1 member, Annex 1 B8, Annex 2 F28.
10.	2018-2020 – Post Doctoral grant 159 from 10.10.2018, <b>LAHAMP - Assessment of landslide activity from Moldavian Plateau during the Holocene and the Anthropocene: fundamental element for landslide hazard assessment in the context of climate changes</b> , code: PN-III-P1-1.1-PD-2016-0154 <a href="http://www.geomorphologyonline.com/lahamp">http://www.geomorphologyonline.com/lahamp</a> , Beneficiary: Alexandru Ioan Cuza University of Iași	55 000 EURO, 2 members, Annex 1 A12-13, B6-7, D31-32.
11.	2019-2022, <b>GOCHE - GéOarchéologie des CHangements Environnementaux dans la zone du bas Danube et de son delta/ Geoarchaeology of Environmental Changes in Lower Danube and its Delta</b> , Principal Investigator France PhD Laurent Carozza, GEODE UMR 5602 CNRS – Toulouse University, Principal Investigator Romania Cs. III PhD Mihaela Danu UAIC, <a href="https://blogs.univ-tlse2.fr/irp-danube/2020/01/">https://blogs.univ-tlse2.fr/irp-danube/2020/01/</a>	70 000 EURO, 46 members.
12.	2020 April-December, FDI 2020, <b>Improving the quality of teaching activity by improving teachers from the faculties without legal profile in UAIC Iași (PERFECT-JURID-UAIC)</b> , Leader: Lecturer Andreea Urda, Beneficiary: Alexandru Ioan Cuza University of Iași	125 000 EURO, 30 members.
13.	2020-2021, Secondary Education Project (ROSE), Scheme of non-competitive grants for universities – Summer bridge grants (SGCU – PV), <b>Descoperim Pământul spre culmile cunoașterii! - GEO-GEO</b> , Acord de grant nr. 127/SGU/PV/II din data de 09.05.2019, Leader: Assoc. Prof. Lesenciuc Dan, Beneficiary: Alexandru Ioan Cuza University of Iași	27 000 EUR, 15 members.
14.	2021-2022, Ministerul Educației și Cercetării, Start în carieră prin master didactic (Cod MySmis 2014+:140783), Proiect cofinanțat din Fondul Social European prin Programul Operațional Capital Uman 2014-2020, Partener P7 - Universitatea „Alexandru Ioan Cuza” din Iași, coordonator prof. dr. Marius-Ciprian Ceobanu, Beneficiary: Alexandru Ioan Cuza University of Iași	15 595 713,59 EUR from which UAIC 798 000 EUR, 28 members.
15.	2021-2022, Start experiență – START.EXE POCU/626/6/13/130654, Proiect cofinanțat din Fondul Social European prin Programul Operațional Capital Uman 2014-2020, coordonator Lect. dr. Olga Andreea Urdă, Beneficiary: Alexandru Ioan Cuza University of Iași	958 629,91 EUR, 30 members.
16.	2023-2026 PNRR Complex modelling of multiple land degradation processes in Europe. Towards an integrative scientific framework for sustainable land management across the continent, CF 216/29.11.2022, PI, Universitatea din București	1.076.654 EUR, 12 members
17.	2023-2028 Horizon Europe, HORIZON-CL6-2022-FARM2FORK-02-two-stageProject: 101084332 — Platform for Helping small and medium farmers to Incorporate digital Technology for equal Opportunities, PHITO, PI Prof. dr. Coen Ritsema, Wageningen University	4 999 441.25 EUR, 150 000 EUR UAIC, 3 members
18.	2024-2026 FAPESP 23/11197-1, Principal Investigator: Carlos Henrique Grohmann de Carvalho <a href="https://bv.fapesp.br/en/auxilios/113950/multi-scale-geomorphometric-analysis-of-mass-movements-in-sao-sebastiao-sp-brazil/">https://bv.fapesp.br/en/auxilios/113950/multi-scale-geomorphometric-analysis-of-mass-movements-in-sao-sebastiao-sp-brazil/</a>	5 members, UAIC 1 member
19.	2024-2026, UEFISCDI PNCDI IV, Căi pentru depășirea amenințărilor induse de riscurile hidro-climatice în ariile transfrontaliere rurale din valea Prutului. Analiză multicriterială, PN-IV-P8-8.3-ROMD-2023-0147, Director Mihai Ciprian Margarint, Universitatea Alexandru Ioan Cuza din Iași	477 500 RON (95 500 EUR), 9 membri
20.	2024 FDI-SBA-2024 Centrul de cercetări științifice „Simion Mehedinți”. Formarea de abilități practice în studiul mediului și a riscurilor naturale, Director lect. Dr. Ionuț Vasiliu	458 000 RON, 7 membri

Date 08.10.2024

Assoc. Prof. PhD Mihai NICULIȚĂ

A handwritten signature in blue ink, appearing to read 'Mihai Niculiță', with a long horizontal stroke extending to the right.