

Curriculum vitae Europass

Personal information

Name / Surname	**Niacșu Lilian**
Address(es)	Office: Department of Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iași, Carol I Blvd, No. 20A, Building B, 3rd Floor, Postal Code 700505, Iași, Iași County, Romania; website: www.geo.uaic.ro
Telephone(s)	+40232201483 Mobile: +[redacted]
Fax(es)	+40232201474
E-mail(s)	lilian.niacsu@uaic.ro, lilianniacsu@yahoo.com
Nationality	Romanian
Date of birth	01.09.1979
Sex	Male

Occupation / Occupational field	**Professor,** Department of Geography, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași, Carol I Blvd, No. 20A, Iași, Romania (full-time position) **Scientific Researcher (CSI)**, Geographic Research Center, Iasi Branch of Romanian Academy, 700481 Iasi, Romania (part-time position)
Public professional profile	**Brainmap** - UEFISCDI ID (UEF-ID): U-1700-031K-0416

Work experience

Period	*28 October 2026 - Present*
Position held	**Professor**
Main activities and responsibilities	1. Teaching activities: Land quality, Agricultural land management, Ecological Agriculture, Geosites and Geotourism. 2. Research activities within the Department of Geography, including through: HORIZON Europe, CNCSIS, CEEX, PNCDI research contracts
Name and address of employer	"Alexandru Ioan Cuza" University of Iași, Faculty of Geography and Geology, Department of Geography, Carol I Blvd, No. 20A, Iași, Romania
Type of business or sector	Higher education, Postgraduate studies, Scientific research

Period	*01 June 2026 - Present*
Position held	**Scientific Researcher (CSI)**
Main activities and responsibilities	1. Research activities within the field of Land quality & Land degradation, Agricultural land management, Ecological Agriculture, Geosites and Geotourism.
Name and address of employer	Geographic Research Center, Iasi Branch of Romanian Academy, 700481 Iasi, Romania
Type of business or sector	Scientific research

Period	*01 October 2015 - 27 October 2026*
Position held	**Associate Professor**
Main activities and responsibilities	1. Teaching activities: Organization and management of agricultural land, Land quality assessment and the land market, Geomorphosites, Tourism potential of Romania, Physical-geographical environment of Romania, Regional Geography of Romania. 2. Research activities within the Department of Geography, including through: CNCSIS, CEEX, PNCDI research contracts
Name and address of employer	"Alexandru Ioan Cuza" University of Iași, Faculty of Geography and Geology, Department of Geography, Carol I Blvd, No. 20A, Iași, Romania
Type of business or sector	Higher education, Postgraduate studies, Scientific research

Period	*01 October 2013 - 30 September 2015*

Position held	3. **Lecturer**
Main activities and responsibilities	4. Teaching activities: Organization and management of agricultural land, Land quality assessment and the land market, Soil Geography with elements of ecological agriculture, Tourism potential of Romania, Regional Geography of Romania. Research activities within the Department of Geography, including through: CNCSIS, CEEX, PNCDI research contracts
Name and address of employer	"Alexandru Ioan Cuza" University of Iași, Faculty of Geography and Geology, Department of Geography, Carol I Blvd, No. 20A, Iași, Romania
Type of business or sector	Higher education, Postgraduate studies, Scientific research
Period	*01 October 2007 - 30 September 2013*
Type of business or sector	5. **Assistant Professor**
Main activities and responsibilities	6. Teaching activities: Soil Geography with elements of pedology, Soil Geography with elements of ecological agriculture, Regional Geography of Romania. Research activities within the Department of Geography, including through: CNCSIS, CEEX, PNCDI research contracts
Name and address of employer	"Alexandru Ioan Cuza" University of Iași, Faculty of Geography and Geology, Department of Geography, Chair of Physical Geography, Carol I Blvd, No. 20A, Iași, Romania
Type of business or sector	Higher education, Postgraduate studies, Scientific research
Period	*01 October 2004 - 30 September 2007*
Position held	1. **Assistant (Junior Assistant Professor)**
Main activities and responsibilities	2. Teaching activities: Soil Geography with elements of pedology, Regional Geography of Romania Research activities within the Department of Geography, including through CNCSIS research contracts
Name and address of employer	"Alexandru Ioan Cuza" University of Iași, Faculty of Geography and Geology, Department of Geography, Chair of Physical Geography, Carol I Blvd, No. 20A, Iași, Romania
Type of business or sector	Higher education, Postgraduate studies, Scientific research
Period	*1 October 2003 - 30 September 2004*
Position held	1. **Associate / Substitute Junior Assistant Professor**
Main activities and responsibilities	Teaching activities: Soil Geography with elements of pedology, Physical Geography of Romania, Regional Geography of Romania
Name and address of employer	"Alexandru Ioan Cuza" University of Iași, Faculty of Geography and Geology, Department of Geography, Chair of Physical Geography, Carol I Blvd, No. 20A, Iași, Romania
Type of business or sector	Higher education, Scientific research

Education and training

Period	*27 December 2017*
Qualification / diploma obtained	***Habilitation Certificate*** in the doctoral field of Geography, obtained based on Order of the Ministry of National Education (OMEN) 5806 / 27.12.2017
Professional skills acquired	Advanced scientific research through PhD supervision, field: Geography
Name and address of employer	Doctoral School of Geosciences within IOSUD, "Alexandru Ioan Cuza" University of Iași, Carol I Blvd, No. 20A, Iași, Romania
Period	*01 July 2010 - 31 March 2013*
Qualification / diploma obtained	***Postdoctoral studies***
Professional skills acquired	Advanced scientific research through postdoctoral studies within POSDRU/89/1.5/S/49944
Name and type of institution providing education	*Department of Geography*, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași, Carol I Blvd, No. 20A, Building B, 3rd Floor, Postal Code 700505, Iași, Iași County, Romania; website: www.geo.uaic.ro
Perioada	*01 November 2004 - 18 December 2009*
Calificarea / diploma obţinută	***PhD in Geography***, distinction Magna cum laude / Doctoral Diploma
Professional skills acquired	Scientific research
Name and type of institution providing education	*Department of Geography*, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași, Carol I Blvd, No. 20A, Building B, 3rd Floor, Postal Code 700505, Iași, Iași County, Romania; website: www.geo.uaic.ro
Period	*01 October 2003 - 01 June 2005*
Qualification / diploma obtained	***Master's Degree in Soil Science*** / Master's Diploma
Professional skills acquired	Scientific research
Name and type of institution	*Department of Geography*, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași,

providing education: Carol I Blvd, No. 20A, Building B, 3rd Floor, Postal Code 700505, Iași, Iași County, Romania; website: www.geo.uaic.ro

Period *01 October 2013 - 01 July 2018*
Qualification / diploma obtained ***Certified Engineer***
Field Agriculture, specialization: Agriculture
Name and type of institution providing education "Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine of Iași, Code 700505, Iași, Iași County, Romania; website: www.uaiasi.ro

Period *01 October 1999 - 15 June 2003*
Qualification / diploma obtained ***Bachelor's Degree in Geography*** / Bachelor's Diploma
Field Geography, specialization: Geomorphology – Pedology
Name and type of institution providing education **Department of Geography, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași,** Carol I Blvd, No. 20A, Building B, 3rd Floor, Postal Code 700505, Iași, Iași County, Romania; website: www.geo.uaic.ro

Mother tongue(s) **Romanian**
Foreign language(s) **English** (Cambridge, B2 level), **French**

Self-assessment European level (*)	**Understanding**		**Speaking**		**Writing**
	Listening	Reading	Spoken interaction	Spoken production	Written expression
French	C1 Proficient user	C1 Proficient user	B2 Proficient user	B2 Proficient user	B2 Independent user
English	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user

( )European Framework of Reference for Languages (CEFR) Level*

Scientific activity

Fields of expertise

Physical Geography, Geomorphology, Pedology, Land use & Land degradation; Organization and management of degraded lands, Geosites & Geotourism, GIS

Published scientific works (Annex 1)

1. Books published by academic presses: **6** (six), of which **2** as sole author, **3** co-authored, and **1** as author of several chapters;
2. Scientific books as editor / coordinator: **3**;
3. Edited scientific books (critical edition): **1**;
4. Scientific articles: **101**, of which **64** full papers and **37** abstracts, including:
   - **27** articles published in ISI-indexed journals and **2** in ISI Proceedings volumes;
   - **34** articles published in journals indexed in international databases (BDI) (23 full papers + 11 abstracts);
   - **12** articles published in conference volumes or peer-reviewed journals;
   - **26** scientific articles/studies published as abstracts in conference proceedings..

Papers presented at scientific events (Annex 2)

1. 232 scientific papers presented at 133 symposia, congresses, conferences and seminars, of which:
- **85** participations in international symposia, congresses, conferences and seminars: **33** abroad (Ukraine, USA, Italy, Austria, Tunisia, Poland, Greece, Chile, Russia, Bulgaria, Albania, Republic of Moldova, France, Scotland, Morocco, P.R. China) and **52** in Romania;
- **11** national symposia, congresses, conferences and seminars;
- **37** classified as other symposia, congresses, conferences and seminars.

Scientific research Contracts (Annex 3)

- Project director / project coordinator for **4 r**esearch contracts (**2** national and **2** international);
- collaborator in **9** research contracts (**3** international and **6** national);
- member in **7** projects funded through structural funds and grant schemes (**6** international and **1** national).

Citations in the scientific literature

- ISI Web of Knowledge - 637 citations, H-index = **12**;
- Scopus - 703 citations, H-index **11**;

Google Scholar - 911 citations, H-index = **14**.

Professional involvement and recognition

Membership in international and national scientific societies

1. Member of the **Francophone Association of Physical Geography** (AFGF – Association francophone de géographie physique), member of the Board of Directors;
2. Member of the **European Geosciences Union** (EGU);
3. Member of the **European Society for Soil Conservation** (ESSC);
4. Member of the **International Union of Soil Sciences** (IUSS);
5. Member of the **Romanian Geographical Society** (SGR);

6. Member of the **Romanian Association of Geomorphologists** (AGR);
7. Member of the **Romanian National Society for Soil Science** (SNRSS),
8. Member of the Foundation for Soil Protection and Conservation "N. Bucur", Romania.

Awards and medals

1. **"Simion Mehedinți" Prize of the Romanian Academy,** awarded on 19 December 2014 for the book "The Pereschiv Basin. A Geomorphological and Pedogeographical Study with Special Reference to Land Use", author Lilian Niacșu, published in 2012;
2. **"Nicolae Cernescu" Prize of the Academy of Agricultural and Forestry Sciences,** awarded on 10 December 2009 for the book "The Soils of the Volcanic Mountains in the North-Western Eastern Carpathians", published in 2008 (authors: C. Rusu, I.C. Stângă, L. Niacșu, I. Vasiliniuc);
3. **"Iuventas Scientiae" Diploma** awarded by the "Alexandru Ioan Cuza" University of Iași, on 30 October 2015, for outstanding results in scientific research;
4. **"Iuventas Scientiae" Diploma** awarded by the "Alexandru Ioan Cuza" University of Iași, on 29 September 2025, for outstanding results in scientific research, particularly in attracting research funding;
5. **Distinction "Magna cum laude"** awarded to the doctoral thesis "The Pereschiv Basin (Tutova Hills). A Geomorphological and Pedogeographical Study with Special Reference to Land Use";
6. **Jubilee diploma and medal "100 Years of Soil Science in Romania**", awarded by the Romanian National Society for Soil Science (SNRSS) on 21 August 2006.

Involvement in other scientific activities

1. Invited speaker at **4** scientific events / universities / research institutes abroad;
2. Member of the Editorial Board of **two** ISI-indexed journals;
3. Guest editor for **two** special issues of ISI-indexed journals;
4. Scientific reviewer of scientific papers:
   - **11** scientific articles in ISI journals;
   - **5** scientific articles in journals indexed in international databases (BDI);
   - **5** scientific books and academic textbooks published by recognized publishing houses;
5. Member of the scientific / organizing committees of various scientific events:
   - **5** scientific events, of which 4 international, as member of the scientific committee;
   - **6** scientific events, of which 5 international, as member of the organizing committee;
   - Session chair / moderator at **9** scientific events.

Academic mobility: scholarships / workshops / research and documentation visits at universities / research institutes

- **1** study scholarship;
- **3** teaching / research / documentation visits;
- **3** workshops / training programmes;

Teaching and scientific activity

1. Lecture courses delivered for **5** undergraduate courses and **4** master's courses;
2. Seminars / practical classes delivered for **10** undergraduate courses and **5** master's courses;
3. Supervisor of **10** PhD theses, of which **3** defended;
4. Member of **18** PhD public defence committees;
5. Member of **27** PhD supervision (tutoring) committees;
6. Supervisor of **2** postdoctoral research fellowships;
7. Supervisor of **6** theses for obtaining the First Teaching Degree (Didactic Degree I);
8. Chair of **12** evaluation committees for awarding the First Teaching Degree (Didactic Degree I);
9. Supervisor of **91** bachelor's theses and **34** master's dissertations;
   More than **50** student field applications and professional training practices organized.

Managerial and administrative activity

1. **Vice-Rector** of the "Alexandru Ioan Cuza" University of Iași responsible for Teaching and Research Centres, University Branches and Secondary Education (2024 - present)
2. **Head** of the Department of Geography, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași (2020 - 2024)
3. **Director** of the "Simion Mehedinți" Student Research and Field Practice Station - Tulnici, Vrancea, "Alexandru Ioan Cuza" University of Iași (2012 - 2018)
4. **Director** of the Physical-Geographical Research and Environmental Quality Monitoring Station - Mădârjac, Iași, "Alexandru Ioan Cuza" University of Iași (2018-2020)
5. Member of the **Senate of the "Alexandru Ioan Cuza" University of Iași** (2020-present),
6. Member of the **Faculty Council of the Faculty of Geography and Geology** (2016-present),
7. Member of the **Council of the Department of Geography** (2016-present)
8. Secretary of the **Faculty Admission Committee** (2008-2009, 2013-2020) and participation in the organization of the admission examination (2004, 2005, 2006, 2010)

9. Member of **27** selection committees for academic or research positions in higher education
10. Member of **5** selection committees for technical or administrative positions in higher education

Member of 7 specialized committees at the university, faculty and department levels.

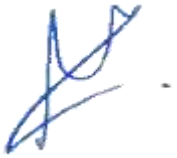
Annexes

Annex 1 List of published scientific works
Annex 2 List of papers presented at scientific events
Annex 3 List of scientific research contracts

Date,

01 October 2026

Signature,



ANNEX 1
LIST OF PUBLISHED SCIENTIFIC WORKS

A. Doctoral Thesis

Niacșu, Lilian. 2009. *Bazinul Pereschivului (Colinele Tutovei). Studiu de geomorfologie și pedogeografie cu privire specială asupra utilizării terenurilor*, [en: The Pereschiv Basin (Tutova Hills). A geomorphological and pedogeographical study with special reference to land use], "Alexandru Ioan Cuza" University of Iași, PhD Thesis in Geography, field: Natural Sciences. The thesis was awarded the distinction Magna cum laude.

B. Published Scientific Books and Book Chapters: 10

B.1. Scientific Books and Book Chapters (author): 6 (2 as first author)

1. Secu C., **Niacşu L.,** Vasiliniuc I., Roşca B., Pîrnău R., (2007) – *Atlasul culorilor şi semnelor convenţionale pentru legenda hărtii solurilor. Propunere pentru utilizatorii SIG*, [en: Atlas of colours and conventional symbols for the legend of soil maps. Proposal for GIS users], Terra Nostra Publishing House, Iaşi, ISBN 978-973-8432-84-0;
2. Rusu C. (coordinator), (2008) - *Impactul riscurilor hidro-climatice şi pedo-geomorfologice asupra mediului în bazinul Bârladului*, [en: The impact of hydro-climatic and pedo-geomorphological hazards on the environment in the Bârlad Basin], Performantica Publishing House, Iaşi, 444 pp., ISBN – 978-973-730-514-5, co-author of Ch. II (II.1 – 35 p), Ch. IV (IV.6 – 6 p, IV.10 – 2 p), Ch. V (V.2 – 31 p, V.3 – 12 p, V.9 – 30 p;
3. Rusu C., Stângă I. C., **Niacşu L**., Vasiliniuc I. (2008) - *Solurile munţilor vulcanici din nord-vestul Carpaţilor Orientali*, [en: Soils of the volcanic mountains in the north-western Eastern Carpathians], "Al. I. Cuza" University Press, Iaşi, 156 pp., ISBN 978-973-703-354-3;
4. **Niacşu L.** (2009) – *Atlasul solurilor din bazinul Pereschivului (Colinele Tutovei)*, [en: Soil Atlas of the Pereschiv Basin (Tutova Hills)], Performantica Publishing House, Iaşi, 78 pp., ISBN 978-973-730-653-7;
5. **Niacșu L.** (2012) – *Bazinul Pereschivului (Colinele Tutovei). Studiu de geomorfologie și pedogeografie cu privire specială asupra utilizării terenurilor*, [en: The Pereschiv Basin (Tutova Hills). A geomorphological and pedogeographical study with special reference to land use], "Al. I. Cuza" University Press, Iaşi, 308 pp., ISBN 978-973-703-753-4;
6. Rusu Al., **Niacșu L.,** Enea A., Groza O. (2020) - *Functional rural areas in Romania - A methodological investigation*, ESPON EGTC, Luxembourg, 70 pp, ISBN: 978-2-919816-54-5.

B.2. Scientific Books (editor / coordinator / edited volumes): 3

1. Vasiliniuc, I., **Niacșu, L.,** Pîrnău, R. (Eds.) 2023. Particularități pedo-geomorfologice în bazinul mijlociu al Siretului. [en: Pedo-geomorphological particularities in the middle Siret Basin]. Ghidul celei de-a XXXII-a ediții a simpozionului „Factori și procese pedogenetice din zona temperată" [en: Guide of the 32nd Symposium "Factors and Pedogenetic Processes in the Temperate Zone"], Bacău, October 2023. "Al. I. Cuza" University Press, Iaşi, 264 pp., ISBN: 978-606-714-805-3;
2. Pîrnău, R.G., **Niacșu, L.,** Rusu, C. (Coord.) 2024. Asamblajul pedologic din aria pericarpatică și piemontană din estul României. [en: The pedological assemblage of the peri-Carpathian and piedmont area of Eastern Romania]. Ghidul celei de a XXXIII-a ediții a simpozionului Factori și procese pedogenetice din zona temperată [en: Guide of the 33rd Symposium "Factors and Pedogenetic Processes in the Temperate Zone"], Piatra Neamț, octombrie 2024. Ed. Universităţii „Al. I. Cuza" Iaşi, 318 pp., ISBN: 978-606-714-911-1;
3. Roșca, B., **Niacșu, L.,** Szép, R. (Coord.) 2025. Particularități pedogenetice în aria vulcanică a Harghitei și Depresiunea Ciucului. [en: Pedogenetic particularities in the volcanic area of the Harghita Mountains and the Ciuc Depression]. Ghidul celei de a XXXIV-a ediții a simpozionului „Factori și procese pedogenetice din zona temperată" [en: Guide of the 34th Symposium "Factors and Pedogenetic Processes in the Temperate Zone"], Miercurea Ciuc, octombrie 2025. Ed. Universităţii „Al. I. Cuza" Iaşi, 258 pp., ISBN: 978-606-714-949-4.

B.3. Edited scientific books: 1

1. Giurgea, Eugeniu N. 2023. Considerațiuni generale asupra terenului arabil al Moldovei. [en: General considerations on the arable land of Moldova]. Ediție îngrijită și revizuită de Vasiliniuc I., **Niacșu, L**., Ed. Universităţii „Al. I. Cuza" Iaşi, 120 pp., ISBN: 978-606-714-797-1

C. Scientific articles published in international scientific journals: 60

C.1. ISI-indexed articles: 26

1. Pohrib M.-D, Juravle D.T., **Niacșu L.**, Ursu A., Stanciu A., Plătică D. 2012. *Paleogeography of the Chersonian to Meotian in the north of Fălciu Hills (Moldavian Platform) based on sedimentological data*. Carpathian Journal of Earth and Environmental Sciences, 7 (2), 23 – 36, http://www.ubm.ro/sites/CJEES/viewTopic.php?topicId=213;
2. **Niacsu L.** 2012. *Geomorphologic and pedologic restrictive parameters for agricultural land in the Pereschiv catchment of Eastern Romania.* Carpathian Journal of Earth and Environmental Sciences, 7 (3), 25 – 37, http://www.ubm.ro/sites/CJEES/viewTopic.php?topicId=239;
3. Ioniță I., Chelaru P., **Niacșu L.**, Butelcă D., Andrei A. 2014. *Landslide distribution and their recent development within the Central Moldavian Plateau of Romania*. Carpathian Journal of Earth and Environmental Sciences, 9 (3), 241 – 252, http://www.ubm.ro/sites/CJEES/viewTopic.php?topicId=463;
4. **Niacșu L.**, Ioniță I., Curea D. 2015. *Optimum agricultural land use in the hilly area of eastern romania. Case study: pereschiv catchment.* Carpathian Journal of Earth and Environmental Sciences, 10 (1), 195 – 204, http://www.ubm.ro/sites/CJEES/viewTopic.php?topicId=508

5. Ioniță I., **Niacșu L.**, Petrovici G., Blebea-Apostu A.-M. 2015. *Gully development in eastern Romania: a case study from Falciu Hills*. Natural Hazards, 79 (1), 113 – 138, http://link.springer.com/article/10.1007/s11069-015-1732-8
6. Stângă I.C., **Niacșu**[1] L., Iacob A.-M. 2016. *Environmental approach of land cover at local level: Studinet catchment (Eastern Romania).* Environmental Engineering and Management Journal, 15 (1), 1-12, http://omicron.ch.tuiasi.ro/EEMJ/issues/vol15/vol15no1.htm
7. Vanmaercke M., Poesen J., Van Mele B., Demuzere M., Bruynseels A., Golosov V., Bezerra J.F.R., Bolysov S., Dvinskih A., Frankl A., Fuseina Y., Guerra A.J.T., Haregeweyn N., Ionita I., Imwangana F.M., Moeyersons J., Moshe I., Samani A.N., Niacsu L., Nyssen J., Otsuki Y., Radoane M., Rysin I., Ryzhov Y.V., Yermolaev O. 2016. *How fast do gully headcuts retreat?*, Earth-Science Reviews, 154, 336-355, https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=W2yClrySLpgA4gVzwuu&page=1&doc=2
8. Stângă I.C., **Niacșu**[1] L. 2016. *Using old maps and soil properties to reconstruct the forest spatial pattern in the late 18th century.* Environmental Engineering and Management Journal. 15 (6), 1369-1378, http://omicron.ch.tuiasi.ro/EEMJ/issues/vol15/vol15no6.htm
9. **Niacșu L.**, Sfîcă L., Ursu A., Ichim P., Bobric D.E., Breabăn I.G. 2019. *Wind erosion on arable lands, associated with extreme blizzard conditions within the hilly area of Eastern Romania*, Environmental Research, 169, 86-101, DOI 10.1016/j.envres.2018.11.008, https://ac.els-cdn.com/S0013935117317425/1-s2.0-S0013935117317425-main.pdf?_tid=aefcc378-0f5d-4879-8241-5003274c3f42&acdnat=1542117072_3d4290f421ac0cbed5a62c5649f2321f
10. Zgłobicki W., Poesen J., Cohen M., Del Monte M., Garcia-Ruiz J.M., Ionita I., **Niacsu L.,** Machova Z., Martin-Duque J.F., Nadal-Romero E., Pica A., Rey F., Solé-Benet A., Stankoviansky M., Stolz C., Torri D., Soms J., Vergari F. 2019. *The Potential of Permanent Gullies in Europe as Geomorphosites*, Geoheritage, 2(11), 217-239, DOI 10.1007/s12371-017-0252-1, https://link.springer.com/article/10.1007/s12371-017-0252-1
11. Samoilă C., Ioniță I., **Niacșu L.,** Grigoraș G., Blebea-Apostu A.M. 2019. *Land degradation and management within upper racova catchment*. Present Environment and Sustainable Development, 13 (1), 98-113, DOI: 10.2478/pesd-2019-0008.
12. Rusu A., Ursu A., Stoleriu C.C., Groza O., **Niacșu L.,** Sfîcă L., Minea I., Stoleriu O.M. 2020. *Structural changes in the romanian economy reflected through Corine Land Cover datasets*, Remote sensing, 12, 1323, doi:10.3390/rs12081323, https://www.mdpi.com/2072-4292/12/8/1323
13. Colas et al. 2020. *FRIPON: a worldwide network to track incoming meteoroids*, Astronomy & Astrophysics, 644 (A53), 1-23, https://www.aanda.org/articles/aa/full_html/2020/12/aa38649-20/aa38649-20.html
14. Ionita, I., **Niacsu**[2]**, L.**, Poesen, J., Fullen, MA. 2021. *Controls on the development of continuous gullies: a 60 year monitoring study in the Moldavian Plateau of Romania.* Earth Surf Process Landforms, 46 (13), 2746–2763. https://doi.org/10.1002/esp.5204
15. Zgłobicki, W., Poesen, J., Sofie De Geeter. S., Boardman, J., Gawrysiak, L., Golosov, V., Ionita, I., **Niacsu, L.**, Rodzik, J., Stankoviansky, M., Stolz, C. 2021. *Sunken lanes - Development and functions in landscapes.* Earth-Science Reviews, 221, 103757, DOI: 10.1016/j.earscirev.2021.103757
16. **Niacsu, L.**, Ionita, I., Samoila, C., Grigoras, G., Blebea-Apostu, A.M. 2021. *Land degradation and soil conservation measures in the Moldavian Plateau, eastern Romania: a case study from Racova Catchment*, Water, 2021, 13(20), 2877, https://doi.org/10.3390/w13202877
17. Ionita, I., **Niacsu**[1]**, L.,** Poesen, J., Fullen, MA. 2022. *Medium-term development of discontinuous gullies*, Geomorphology, 398, https://doi.org/10.1016/j.geomorph.2021.108024
18. **Niacsu, L.**, Bucur, D., Ionita, I., Codru, I.-C. 2022. *Soil Conservation Measures on Degraded Land in the Hilly Region of Eastern Romania: A Case Study from Puriceni-Bahnari Catchment*. Water, 14 (4), 525. https://doi.org/10.3390/w14040525
19. Codru, I.C., **Niacsu, L.** 2022. *Landslide susceptibility assessment on the left side of the Izvorul Muntelui Lake bank, Romania.* Present Environment and Sustainable Development, 16 (1), 5-21, DOI10.47743/pesd2022161001
20. Bou-imajjane, L., Belfoul, M.A., **Niacsu, L.**, Stokes, M., Costel, C.I., Anastasiei, A.M., Faramandimby, A.M., Dipakama, C.M. 2022. *Key factor(s) triggering erosion in a semi-arid environment (Western High Atlas of Morocco)*. Modeling Earth Systems and Environment, Early Access, DOI10.1007/s40808-022-01525-0
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D. Scientific articles / studies published in peer-reviewed journals and conference volumes (non-indexed): 12

D.1. Journals: 4

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2. Ursu A., Sfîcă L., Stoleriu C., Roşca B., Stoleriu O., **Niacşu L.,** Minea I., Patriche C.V., Căpăţână V., Stoica D.L. (2007) – *Corine Land Cover 2000-2006*, Analele Ştiinţifice ale Universităţii "Al.I.Cuza" Iaşi (Serie nouă), Lucrările Simpozionului Sisteme Informaţionale Geografice Nr.13, Tom LIII, s.II, Editura Univ. „Al.I.Cuza" Iaşi, ISSN 1223-5334, p.161

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11. **Niacşu L.**, Ursu A., (2008) - *Land use changes in Tutova Hills (Eastern Romania) during the last 30 years*, 31st International Geographical Congress - Book of abstracts, Tunis, Tunisia, p.296, abstract
12. Ioniţă I., **Niacşu L.,** (2008) - *Assessment of erosional risk in the Barlad Plateau, Romania,* 31st International Geographical Congress - Book of abstracts, Tunis, Tunisia, p.188, abstract
13. **Niacşu L.** (2010) – *Utilizarea terenurilor din bazinul Pereschivului – Colinele Tutovei, [en: Land use in the Pereschiv Basin – Tutova Hills],* Lucrările celui de-al XXVI-lea Simpozion Naţional de Geomorfologie, Departamentul de Geografie, Facultatea de Geografie şi Geologie, Univ. „Al.I.Cuza" Iaşi, ISBN 978-973-702-797-9, p.38 , abstract.
14. Ioniţă I., **Niacşu L.,** Niacşu Loredana, Hurjui C. (2010) – *Consideraţii privind degradarea terenurilor din bazinul Bogdanei - Colinele Tutovei,* [en: Considerations on land degradation in the Bogdana Basin - Tutova Hills], Lucrările celui de-al XXVI-lea Simpozion Naţional de

Geomorfologie, Departamentul de Geografie, Facultatea de Geografie şi Geologie, Univ. „Al.I.Cuza" Iaşi, ISBN 978-973-702-797-9, p.40 , abstract.

15. **Niacşu L.**, Ursu A., (2010) – *Supervised methods used in digital soil mapping. Soil cover predicting based on natural pattern,* 4th Global Workshop on Digital Soil Mapping – Book of abstracts, ARC – Agricultural Research Council, Roma, Italia, p.9, abstract.
16. **Niacşu L**. (2011) - *Optimum land use pattern in Pereschiv catchment from Eastern Romania,* the 6th International Congress of the European Society for Soil Conservation – Book of abstracts, Thessaloniki, Grecia, ISBN 978-960-88296-9-5, p.98, abstract.
17. **Niacşu L.,** Ioniţă I. Apostu – Blebea A.M. 2013. *Gully erosion in the lower Tutova Rolling Hills, Romania,* 6th International Symposium on Gully Erosion – Book of abstracts, 06-12 Mai 2013, Iași, România, p.45, abstract
18. Ionita I., **Niacsu L.,** Petrovici G. 2013. *Gully development within the Falciu Hills of eastern Romania*, 6th International Symposium on Gully Erosion – Book of abstracts, 06-12 Mai 2013, Iași, România, p.27, abstract
19. Padurariu B., Ionita I., **Niacsu L.** 2013. *Land degradation within the Zeletin catchment, Eastern Romania*, 6th International Symposium on Gully Erosion – Book of abstracts, 06-12 Mai 2013, Iași, România, p.27, abstract
20. **Niacsu L.,** Ioniță I. 2015. *Assessment of the recent gully erosion and landslides development in the Barlad Plateau of eastern Romania*, The 7th International Congress of the European Society for Soil Conservation – Congress Materials, 18-22 Mai 2015, Moscow, Russian Federation, p.50, abstract
21. **Niacsu L**., Vasiliniuc I. 2019. *Soil loss due to sugar beet harvesting in Eastern Romania*, The 8th International Congress of the European Society for Soil Conservation – Book of abstracts, Tirana, Albania, p. ???, abstract;
22. **Niacșu L.,** Ioniță I., Samoilă C., Grigoraș G., Blebeaa-Apostu A.M. 2021. *Land degradation and the development of soil conservation measures in the Moldavian Plateau, Eastern Romania: a case study from Racova catchment*, International Forum on Land Degradation, Soil Conservation and Sustainable Development – LASOSU 2021, Li Y, Liu M, Li T, Peng X, Xu X. (Eds.), 21-23 August 2021, Dalian China;
23. **Niacșu L.,** Ioniță I., Poesen J., Fullen M. 2021. *Controls on the development of continuous gullies: a 60-year monitoring study in the Moldavian Plateau of Romania* – The 36th Romanian Symposium on Geomorphology: Geomorphology, one step further, September 22nd -26th, 2021, Craiova, Romania;
24. **Niacsu L.,** Codru, I.C., Vanmaercke, M., Poesen, J. 2023.*Towards an up-to-date gully inventory in the Moldavian Plateau Of Eastern Romania* 9th International Symposium on Gully Erosion. 9th ISGE World Conference, Book of abstracts, Chengdu, China;
25. Niacsu L., Codru I.C., Vanmaercke, M., Poesen, J. 2025. *Gully inventory in the Moldavian Plateau, NE Romania, Timișoara, România*, Regional Congres on Geomorphology 2025 of the International Association of Geomorphologists (IAG), 16-18 Septembrie 2025, abstract;
26. Codru I.C., Enea A., Niacsu L. 2025. *Using semi-automatic methodology and drone survey to identify and monitor the gully erosion in the Moldavian Plateau*, Regional Congres on Geomorphology 2025 of the International Association of Geomorphologists (IAG), 16-18 Septembrie 2025, abstract;

ANNEX 2
PAPERS PRESENTED AT SCIENTIFIC EVENTS

A. Participation in international symposia, congresses, conferences and seminars: 85, of which

A.1. Participation in international symposia, congresses, conferences and seminars abroad: 33

1. 3-5 September 2004, Lviv, Ukraine – **International Symposium "Landscape Science – Traditions and Trends"**, organized by the Department of Physical Geography, "Ivan Franko" National University of Lviv. Paper presented: Lupaşcu A**., Niacşu *L*.,** - *Synchronic holocene landscapes on the estaern slope of the Oriental Carpathians revealed through palynologic analyses.*

2. 20-22 June 2006, Ivano-Frankivsk, Ukraine – **International Conference "Ecology: Problems of Adaptive-Landscape Agriculture"**, Institute of Natural Sciences, Vasyl Stefanyk Precarpathian National University. Paper presented: **Niacşu L.,** Stângă I.C. (2006) **-** *Le role des relations bio-pedologiques dans l'evolution des paysages dans les Collines de Tutova.*

3. 9-15 July 2006, Philadelphia, USA – **18th World Congress of Soil Science**, Division 1, Commission 1.2 – Soil Geography. Paper presented: Rusu C., Stanga I., **Niacsu L**., Breaban I., Rosca B., - *The soil cover of the volcanic area from the Eastern Carpathians (Romania)*, poster.

4. 25-30 June 2007, Palermo, Italy – **5th International Congress of the European Society for Soil Conservation**. Papers presented::
- **Niacşu L.**, Ursu A., Roşca B., Vasiliniuc I., Minea I., - *Methodological aspects regarding soil survey and mapping using GIS in the eastern part of Romania*, poster ;
- Ursu A., **Niacşu L.**, Sfâcă L., Minea I.,Vasiliniuc I., Stângă I.C., - *The changes occurred in the land use from the eastern part of Romania after 1989 – Remote sensing and GIS application*, poster ;
- Ioniţă I., Mărgineanu R.M., **Niacşu L.,** - *Assessment of recent deposition in the small catchments of the Moldavian Plateau, Romania* ;
- Vasiliniuc I., Rusu C., **Niacşu L.,** Stângă I.C., - *Pedodiversity and land use in the volcanic area from the northwestern part of the Eastern Carpathians (Romania)*, poster;
- Rusu C., Bulgariu D., Stângă I.C., **Niacşu L.**, Vasiliniuc I., - *Problems regarding the genesis and evolution of the andosols from Eastern Carpathians (Romania),* poster.

5. 9-14 September 2007, Antwerp, Belgium – **EUROanalysis XIV**, organized by the European Association for Chemical and Molecular Sciences (EuCheMS), Division of Analytical Chemistry. Paper presented:Bulgariu D., Rusu C., Stângă I.C., **Niacşu L**., Bulgariu L. **–** *Selective separation and analysis of Cr (III) and Cr (IV) in soils*;

6. 26-28 October 2007, Chișinău, Republic of Moldova – Conference "**Geographical Information Systems**", organized by the Institute of Ecology and Geography, Academy of Sciences of Moldova. Papers presented:
- **Niacşu L**., - *Utilizarea aerofotogramelor în studiul degradării solurilor din bazinul Pereschiv (Colinele Tutovei). Aplicaţii GIS, [en: The use of aerial photographs in the study of soil degradation in the Pereschiv Basin (Tutova Hills). GIS applications];*
- Ursu A*.,* **Niacşu L**., Sfâcă L., Vasiliniuc I., Stângă I.-C.,Minea I., - *Analiza riscului la inundaţii în bazinul hidrografic al Bârladului cu sprijinul SIG, [en: Flood risk analysis in the Bârlad River Basin using GIS];*
- Stângă I.-C., **Niacşu L**., Vasiliniuc I., Minea I., - *Analiza alunecărilor de teren din Colinele Tutovei,* [en: Landslide analysis in the Tutova Hills].

7. 12-15 June 2008, Tunis, Tunisia – **31st International Geographical Congress**. Papers presented:
- **Niacşu L.**, Ursu A., - *Land use changes in Tutova Hills (Eastern Romania) during the last 30 years* , poster ;
- Ioniţă I., **Niacşu L.,** - *Assessment of erosional risk in the Barlad Plateau, Romania* ;

8. 25-29 August 2008, Vienna, Austria – **Eurosoil 2008**. Papers presented:
- **Niacşu L**., Secu C.V., Stângă I.C., - *Soil cover changes under the influence of land use in the hilly area of Eastern Romania*, poster
- Rusu C.V., Bulgariu D., **Niacşu L**., - *Pedogeochemical correlation of evoluated soils on secondary volcanic products from Gurghiu and Harghita (Eastern Carpathians, Romania)*
- Stângă I.C., Bulgariu D., **Niacşu L**., - *The role of the soil physical and chemical properties in the erosion processes dynamics. Case study: Tutovei Hills, Eastern Romania*

9. 19-23 April 2010, Lublin, Poland, ***5th International Symposium on Gully Erosion***, Marie – Curie Sklodowska University in Lublin, Institute of Earth Sciences. Paper presented: **Niacşu L.**, Ioniţă I. – *Gully erosion in the Pereschiv catchment of Eastern Romania*

10. 24-26 May 2010, Rome, Italy, ***4th Global Workshop on Digital Soil Mapping***, ARC – Agricultural Research Council. Paper presented: **Niacşu L.**, Ursu A. – *Supervised methods used in digital soil mapping. Soil cover predicting based on natural pattern.*

11. 26-29 May 2010, Bucharest–Sinaia, Romania, ***14TH Joint Geomorphological Meeting (JGM)*** *Italy – Romania –Belgium – France – Greece*, Faculty of Geography, University of Bucharest, Geomorphology – Pedology Dept., Paper presented: Ioniţă I., **Niacşu L.** - *Erosion and sedimentation rates in the Pereschivul Mic catchment of Eastern Romania.*

12. *9-14 May 2011, Thessaloniki, Greece*, ***the 6th International Congress of the European Society for Soil Conservation.*** Paper presented: **Niacşu L**. – *Optimum land use pattern in Pereschiv catchment from Eastern Romania.*

13. *21-22 September 2011, Chișinău, Republic of Moldova*, Conferinţa Ştiinţifică ***Creşterea impactului cercetării şi dezvoltarea capacităţii de inovare***, Universitatea de Stat din Moldova/ Scientific Conference "Increasing the Impact of Research and the Development of Innovation Capacity", Moldova State University. Paper presented: Rusu C., Bulgariu D., **Niacşu L.** – *Consideraţii privind geneza depozitelor superficiale din platourile vulcanice ale Munţilor Gurghiu-Harghita (Carpaţii Orientali, România)*, [en: Considerations on the genesis of superficial deposits on the volcanic plateaus of the Gurghiu–Harghita Mountains (Eastern Carpathians, Romania)].

14. *16-19 October 2012, Arica, Chile*, ***XXXIII Congreso National y XVIII Congreso Internacional de Geografia "Geografia en los Andes y el Desierto: Territorio e integracion"***, Universidad de Tarapacá. Paper presented: **Niacşu L**., Stanga I.C. – *Forested areas reconstitution within Eastern Romania based on soil cover.*

15. 6-12 May 2013, Iași, Romania, ***6th International Symposium on Gully Erosion***, Department of Geography, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași. Paper presented: **Niacşu L.**, Ioniţă I. Apostu – Blebea A.M. – *Gully erosion in the lower Tutova Rolling Hills, Romania*
16. *27 April - 2 May 2014, Vienna, Austria,* ***EGU General Assembly 2014***, organizat de European Geoscience Union. Paper presented:: **Niacșu L.**, Ioniță I. - Landslide development within the Barlad Plateau of Eastern Romania.
17. *18–24 May 2015, Moscow, Russia,* **the 7th International Congress of the European Society for Soil Conservation**. Paper presented: Niacşu L., Ionita I. – Assessment of the recent gully erosion and landslides development in the Barlad Plateau of eastern Romania
18. *17-22 April 2016, Vienna, Austria,* ***EGU General Assembly 2016***, organized by European Geoscience Union. Paper presented: **Niacșu L.**, Ioniță I. - Relationship between gullying and landslides within the Barlad Plateau, Romania.
19. *23-28 April 2017, Vienna, Austria,* ***EGU General Assembly 2017***, organized by European Geoscience Union. Paper presented: **Niacșu** L., Ioniță I., Samoilă C., Grigoraș G. - Land degradation and erosion control within the Moldavian Plateau of eastern Romania: a case study from Racova catchment.
20. *7-12 April 2019, Vienna, Austria,* ***EGU General Assembly 2019***, organized by European Geoscience Union. Paper presented: **Niacșu L.,** Ioniță I. - Recent development of continuous gullies from Barlad Plateau, Romania
21. *26-28 September 2019, Tirana, Albania*, ***the 8th International Congress of the European Society for Soil Conservation.*** Paper presented: **Niacşu L.,** Vasiliniuc I. – Soil loss due to sugar beet harvesting in Eastern Romania
22. *1-4 November 2019, Athens, Greece,* ***the 12th International Conference of the Hellenic Geographical Society.*** Papers presented*:*
    - Vacula S., **Niacsu L.** - Land use & land degradation within the southern part of the Republic of Moldova. Case study - Sarata catchment;
    - Albu L.M., Enea A., Iosub M., Breabăn I.G., **Niacșu L.,** Sfîcă L., Stoleriu C.C., Ursu A. - Mapping burned areas and burn severity of vegetation fires using Sentinel 2 imagery (Gran Canaria, Canary Islands)
23. *4-8 May 2020, Vienna, Austria,* ***EGU General Assembly 2020 (online)***, organized by European Geoscience Union cu lucrările:
    - **Niacșu L.,** Ioniță I. - Niacşu L., Ioniță I., Samoilă C., Grigoraș G. (2020) – Land degradation and soil conservation in the Barlad Plateau, Romania: a case study from Racova catchment,
    - Codru I.C., **Niacşu L.** – Using GIS techniques for automatic mapping of gullies in the Moldavian Plateau, Romania,
    - Vacula S., **Niacşu L.,** Secu C., Vasiliniuc I. – Land degradation by soil erosion and sedimentation within Sarata catchment, Republic of Moldova.
24. *12-13 May 2020, Ohrid, North Macedonia,* ***6th International Scientific Conference GEOBALCANICA 2020***. *Papers presented:*
    - Vacula S., **Niacșu L.** - Impact of land use changes on the geomorphological pattern between 1957-2018 within Sarata catchment, Republic of Moldova,
    - Boicu D, Minea I., **Niacșu L.** - Landslides and groundwater dynamics. Case study in Moldavian Tableland (Romania).
25. 21-23 August 2021, Dalian, China, ***International Forum on Land Degradation, Soil Conservation and Sustainable Development – LASOSU 2021.*** Paper presented: **Niacșu L.,** Ioniță I., Samoilă C., Grigoraș G., Blebeaa-Apostu A.M. 2021. Land degradation and the development of soil conservation measures in the Moldavian Plateau, Eastern Romania: a case study from Racova catchment.
26. 23-27 May 2022, Vienna, Austria, ***EGU General Assembly 2022***, organized by European Geoscience Union. Papers presented:
    - Anastasiei A.M., Niacsu L., Enea A. 2022. The Geoheritage value of the iconic buildings of Iaşi City, Romania
    - Niacsu L., Ionita I., Poesen J., Fullen M. 2022. Development of continuous and discontinuous gullies in the Moldavian Plateau of Romania
27. 14-16 October 2022, Iași, Romania, ***VIIème Colloque de l'Association francophone de géographie physique (AFGP)***. Paper presented:
    - Niacsu L., Ionita I., Poesen J., Fullen M. - Développement des ravins continus et discontinus dans le Plateau Moldave de Roumanie
28. 29 May - 3 June 2022, Montpellier, France, ***IAHS (International Association of Hydrological Sciences) Scientific Assembly 2022.*** Paper presented:
    - Niacsu L., Ionita I., Poesen J. - Impact of changing climate on thawing and snowmelt-driven gully erosion in Eastern Romania.
29. 15-16 June 2022, Brussels, Belgium, ***Rural Pact Conference*** organized by ***European Comission.*** Paper presented: Rusu A., Groza O., **Niacșu L.,** Enea A. - Mapping functional rural areas in Romania - ensuring food security & sustainable development in a changing world. Presentation delivered within the session "What evidence for better rural policies?"
30. 31 July - 5 August 2022, Glasgow, Scotland, ***22nd World Congress of Soil Science***. Papers presented:
    - **Niacsu L.,** Codru I.C., Enea A. - Gully headcut inventory within the Moldavian Plateau from eastern Romania using classical and modern research techniques
    - Codru I.C., **Niacsu L.,** Enea A. - Development of badlands on brine substratum in the Jijia Hills from Eastern Romania.
31. 13-15 June 2023, Rabat, Morocco**, Congres de fondation de l'Association Internationale de Geographie Francophone**. Paper presented: Groza, O., Niacsu, L. - Les aires fonctionnelles en Roumanie : réflexions sur la transférabilité d'un concept en construction
32. 3-7 November 2023, Chengdu, China, **9th International Symposium on Gully Erosion**. Paper presented: **Niacsu L.,** Codru, I.C., Vanmaercke, M., Poesen, J. - Towards an up-to-date gully inventory in the Moldavian Plateau Of Eastern Romania
33. 16-18 September 2025, Timișoara, Romania, **Regional Congres on Geomorphology 2025** of the International Association of Geomorphologists (IAG). Papers presented:
    - Niacsu L., Codru I.C., Vanmaercke, M., Poesen, J. - Gully inventory in the Moldavian Plateau, NE Romania
    - Codru I.C., Enea A., Niacsu L. - Using semi-automatic methodology and drone survey to identify and monitor the gully erosion in the Moldavian Plateau

A.2. Participation in international symposia, congresses, conferences and seminars in Romania: 52

1. 13-15 October 2006 – International Symposium "**Present Environment and Sustainable Development**", within the "Dimitrie Cantemir" Geographical Seminar, Department of Geography, "Al. I. Cuza" University of Iași. Paper presented: A.Ursu, L.Sfaca, **L.Niacsu** – *Modificari in structura utilizarii terenului in perioada postdecembrista, [en: Changes in land-use structure in the post-December period].*

2. *18-19 October 2007 – **Symposium "Romanian Agriculture in the EU – Opportunities and Perspectives"**, Faculty of Agriculture, "Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine, Iași. Papers presented*:
- C.Secu, **L.Niacşu**, B.Roşca – *Propunere de standardizare a legendei hărţii solurilor pentru utilizatorii SIG,* [en: Proposal for the standardization of the soil map legend for GIS users];
- C.Secu, **L.Niacşu**, A,Ursu, R.Pîrnau – *The utilization of GIS and satellite images in the vegetation and soil cover's mapping from Ciric Basin (Iaşi county)*

3. 18-19 October 2007 – International Symposium "**Present Environment and Sustainable Development**", within the "Dimitrie Cantemir" Geographical Seminar, Department of Geography, "Al. I. Cuza" University of Iași. Paper presented: Ursu A., Sfaca L., Stoleriu C., **L. Niacsu**, B.Roşca, Minea I., Patriche C., Stoica D., Căpăţână V., Stoleriu O., – *Corine Land Cover 2000 – 2006*

4. 1-2 November 2007 – **International Conference "Monitoring of Disasters and Pollution"**, Faculty of Hydrotechnics, Geodesy and Environmental Engineering, "Gh. Asachi" Technical University of Iași. Papers presented:
- **Niacşu L.,** Ursu A., Minea I., Vasiliniuc I., Rusu C., Stângă I.C., – *Landscape conditions involved in lake infilling in the Tutova Rolling Hills*;
- Stângă I.C., **Niacşu L.,** Rusu C., Minea I., Ursu A., Vasiliniuc I., – *Consideration regarding lake silting in Tutova Rolling Hills. Case study Cuibul Vulturilor reservoir* ;

5. 17-19 October 2008 – **International Symposium "Present Environment and Sustainable Development"**, within the "Dimitrie Cantemir" Geographical Seminar, Department of Geography, "Al. I. Cuza" University of Iași. Paper presented:: Rusu C., Rusu E., Stângă I.C., Niacşu L., Vasiliniuc I., - Munţii vulcanici din nord-estul Carpaţilor Orientali – Cuvertura de sol şi gestionarea resursei pedologice, [en: The volcanic mountains in the north-eastern part of the Eastern Carpathians – soil cover and soil resource management].

6. *16-18 October 2008 – **Symposium "Romanian Agriculture in the EU – Opportunities and Perspectives"**, Faculty of Agriculture, "Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine, Iași. Paper presented*: Ioniţă I., **Niacşu L.**, Creţu D. – *Considerations on land use within the Racu basin - the Central Moldavian Plateau*

7. 4-6 June 2009 – **International Symposium "Geography in the Context of Contemporary Development"**, "Babeş-Bolyai" University of Cluj-Napoca, Faculty of Geography, Zalău University Extension. Papers presented: :
- **Niacşu L.** – *Aspecte privind ravenarea în bazinul Pereschivului (Colinele Tutovei), [en: Aspects of gullying in the Pereschiv Basin (Tutova Hills)];*
- Rusu C., Bulgariu D., **Niacşu L.**, Stângă I.C. – *Consideraţii privind relaţia cheluviaţie – andosolizare în evoluţia solurilor din Munţii Gurghiu – Harghita, [en: Considerations on the cheluviation–andosolization relationship in the evolution of soils in the Gurghiu–Harghita Mountains].*

8. 16-18 October 2009 – **29th edition of the International "Dimitrie Cantemir" Geographical Seminar**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași. Papers presented:
- **Niacşu L.** – *Crovurile din bazinul Pereschivului [en: Sink-like depressions in the Pereschiv Basin];*
- **Niacşu L.** – *Forme ale reliefului structural-litologic din Colinele Tutovei: „umerii de vale" din bazinul Pereschivului [en: Structural-lithological landforms in the Tutova Hills: valley benches in the Pereschiv Basin];*
- **Niacşu L.** – *Captările din bazinul Pereschivului (Colinele Tutovei). Un posibil moment de evoluţie a reţelei hidrografice? [en: Stream captures in the Pereschiv Basin (Tutova Hills). A possible stage in the evolution of the hydrographic network?]*

9. 15-17 October 2010 – **30th edition of the International "Dimitrie Cantemir" Geographical Seminar**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași. Papers presented::
- **Niacşu L.** – *Parametri pedologici restrictivi pentru utilizarea terenurilor în bazinul Pereschivului - Colinele Tutovei [en: Restrictive pedological parameters for land use in the Pereschiv Basin – Tutova Hills];*
- Niacşu L., Ioniţă I., **Niacşu L.** - *Particularităţi geomorfologice în bazinul Bogdanei – Colinele Tutovei [en: Geomorphological particularities in the Bogdana Basin – Tutova Hills].*

10. 15-17 October 2010 – **International Symposium "Present Environment and Sustainable Development",** within the "Dimitrie Cantemir" Geographical Seminar, Department of Geography, "Al. I. Cuza" University of Iași. Paper presented: **Niacşu L.** – *Utilizarea rationala a terenurilor din bazinul Pereschivului (Colinele Tutovei) - model de dezvoltare durabila [en: Rational land use in the Pereschiv Basin (Tutova Hills) – a model of sustainable development].*

11. 21-23 Octombrie 2010 - ***Simpozionul „Romanian agriculture in EU – opportunities and perspectives"***, Facultatea de Agricultura, USAMV „Ion Ionescu de la Brad", Iasi; lucrări: Ioniţă I., **Niacşu L. –** *Land degradation and soil conservation within the Pereshivul Mic catchment – Tutova Rolling Hills*

12. 14-16 October 2011 – **31st edition of the International "Dimitrie Cantemir" Geographical Seminar**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași. Papers presented:
- **Niacşu L.,** Loredana Niacşu (căs. Stoian), Ion Ioniţă - *Aspecte privind eroziunea şi sedimentarea în bazinul Similei (Colinele Tutovei), [en: Aspects regarding erosion and sedimentation in the Simila Basin (Tutova Hills)];*
- Topşa G, **Niacşu L.,** Ioniţă I. - *Degradările de teren din bazinul Racului - Podişul Central Moldovenesc, [en: Land degradation in the Racu Basin – Central Moldavian Plateau];*
- Rusu C., **Niacşu L.,** Stângă I.C., Bulgariu D., Fiscutean D. - *Particularităţi ale învelişului de soluri din Munţii Gurghiului (Carpaţii Orientali, [en: Particularities of the soil cover in the Gurghiu Mountains (Eastern Carpathians)];*

- Pohrib Mădălina Dana, Juravle D.-T., **Niacşu L.,** Ursu A., Stanciu A., Plătică D. - *Paleogeographical significance of the Chersonian-Meotian sedimentary cover investigated by geological-technical drills in the north of Fălciu Hills (Moldavian Tableland)*

13. 14-16 October 2011 – **International Symposium "Present Environment and Sustainable Development"**, within the "Dimitrie Cantemir" Geographical Seminar, Department of Geography, "Al. I. Cuza" University of Iași. Papers presented:
- **Niacşu L.,** Stoian Loredana, Ioniţă I., - *Land degradation and soil conservation within the Bogdana catchment – Tutova Rolling Hills*
- Pohrib Dana Mădălina, **Niacşu L.,** Juravle D.-T., – *Geomorphological conditions suitable for placement of wind farms in the - Padureni - Husi area (Falciu Hills)*
- Minea I., Butelca D., **Niacsu L.** - *Modele de variaţie a nivelului freatic în condiţii de secetă. Studiu de caz bazinul superior al râului Bârlad, amonte de Băceşti, [en: Models of groundwater-level variation under drought conditions. Case study: the upper Bârlad River Basin, upstream of Băceşti];*
- Pădurariu B., Ioniţă I., **Niacşu L.** - *Degradarea terenurilor şi conservarea solurilor din bazinul Dobrotforului - Colinele Tutovei, [en: Land degradation and soil conservation in the Dobrotfor Basin – Tutova Hills].*

14. 1-3 June 2012 – **International Symposium "Present Environment and Sustainable Development"**, Department of Geography, "Al. I. Cuza" University of Iași. Papers presented:
- **Niacșu L., Butelcă D., Minea I.** - *Degradările de teren din bazinul superior al Bârladului. Studiu de caz: Alunecarea Dealul Chițu – Pâncești, [en: Land degradation in the upper Bârlad Basin. Case study: the Dealul Chițu–Pâncești landslide];*
- Stângă I.C., **Niacșu L.** - *Reconstituirea suprafeţelor forestiere din Podişul Moldovei de acum 250 de ani – între speculaţii şi aproximări ştiinţifice, [en: Reconstruction of forest areas in the Moldavian Plateau 250 years ago – between speculation and scientific approximations];*
- Topșa G., **Niacșu L.** – *Land degradation by landslides within the middle and lower Vasluieț catchment*

15. 12-14 October 2012 – **32nd edition of the International "Dimitrie Cantemir" Geographical Seminar**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași. Papers presented::
- Stanga I.C., **Niacşu L.** - *Residual land use: forest within the Bârlad Plateau (Eastern Romania);*
- Rusu C., Bulgariu D., **Niacsu L.** - Consideraţii privind originea depozitelor superficiale ale platorurilor vulcanice din Munţii Harghitei, [en: Considerations on the origin of superficial deposits on the volcanic plateaus of the Harghita Mountains];
- Juravle D.-T., Juravle V., **Niacsu L.,** Ursu A. - *Semnificaţii paleogeografice în bazinul Putnei (Suceava),[en: Paleogeographical significance in the Putna Basin (Suceava)];*

16. 23-25 October 2012 – **Symposium "100 Years of Iași Higher Education in Agronomy"**, Faculty of Agriculture, "Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine, Iași. Paper presented: Rusu C., Bulgariu D., **Niacşu L. –** *Considerations about the pedogeochemistry of some luviosols from neogene volcanites areas of Eastern Carpathians (Romania);*

17. 10-11 November 2012 – **International Conference "Understanding Land, People and Environment: Research and Teaching Perspectives in Geography"**, Faculty of Geography, University of Bucharest. Paper presented: **Niacșu L.**, Ioniță I. – *Development of the landslides in the lower Tutova Rolling Hills.*

18. 31 May-2 June 2013 – **International Symposium "Present Environment and Sustainable Development"**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași. Paper presented:: **Niacșu L.,** Ioniță I., Blebea – Apostu A.M. **–** *Aspects regarding gully erosion and sedimentation in the Tutova Rolling Hills, Romania*

19. 11-12 October 2013 – **21st edition of the International Symposium "Geographical Information Systems"**, Faculty of Hydrotechnics, Geodesy and Environmental Engineering. Paper presented:: Stângă I.C., **Niacșu L.** - *Using soil properties and old maps to reconstruct the natural forest cover within the Barlad Plateau*.

20. 18-20 October 2013 – **33rd edition of the International "Dimitrie Cantemir" Geographical Seminar**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași. Paper presented: Stanga I.C., **Niacşu L. –** *Using old maps and soil properties to reconstruct the forest spatial pattern in the late 18th century;*

21. 19-20 October 2014 – **34th edition of the International "Dimitrie Cantemir" Geographical Seminar**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași. Papers presented:
- **Niacșu L.**, Ioniță I. - *Relația ravenare – alunecări recente de teren în bazinul Chioara (Dealurile Fălciului), [en: The relationship between gullying and recent landslides in the Chioara Basin (Fălciu Hills)];*
- Ioniță I., **Niacşu L**. – *Scenarii de formare și evoluție a ravenelor din Podișul Moldovei, [en: Scenarios of gully formation and evolution in the Moldavian Plateau].*

22. 5-7 June 2015 – **10th edition of the International Symposium "Present Environment and Sustainable Development"**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași. Papers presented:
- Ioniță I., **Niacșu L.** – *Relations between landslides and gully erosion in the Bârlad Plateau of Eastern Romania*
- Creţu D., Stoian L., **Niacşu L.** – *Aspecte privind degradarea terenurilor în bazinul Vasluieţului, [en: Aspects regarding land degradation in the Vasluieț Basin].*

23. 2-4 October 2015 – **22nd edition of the International Symposium "Geographical Information Systems", Faculty of Geography and Geology**, "Alexandru Ioan Cuza" University of Iași. Paper presented: **Niacșu L.,** Ioniță I. - *Evaluarea ritmului de degradare a terenurilor din Podișul Bârladului folosind mijloace SIG, [en: Assessment of the rate of land degradation in the Bârlad Plateau using GIS techniques].*

24. 16-18 October 2015 – **35th edition of the International "Dimitrie Cantemir" Geographical Seminar**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași. Paper presented: **Niacșu L. –** *Cum să facem geomorfologia mai ...turistică? Geomorfositurile, [en: How can we make geomorphology more... touristic? Geomorphosites].*

25. 3-5 June 2016 – **11th edition of the International Symposium "Present Environment and Sustainable Development"**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași. Paper presented: Stoleriu A.-P., **Niacșu L. –** *Consideraţii privind modul de utilizare a din bazinul mijlociu al Gurguiatei (Câmpia Jijiei), [en: Considerations regarding land use in the middle Gurguiata Basin (Jijia Plain)].*

26. 21-23 October 2016 – **36th edition of the International "Dimitrie Cantemir" Geographical Seminar**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași. Papers presented:
- **Niacșu L.**, Lesenciuc D. – *Mai e nevoie de Geografie regională în dezvoltarea durabilă sau în guvernanță?, [en: Is Regional Geography still needed in sustainable development or governance?];*
- Ioniță I., **Niacșu L.**, Cotunoaea R., Grigoraș G. - *Bazinul Miletinului. Particularități geomorfologice, [en: The Miletin Basin. Geomorphological particularities].*

27. 2-4 June 2017 – **12th edition of the International Symposium "Present Environment and Sustainable Development"**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași. Papers presented:
- **Niacșu L.,** Stoian L. – *Alunecarea de teren din Valea Caraman, Ivesti (jud. Vaslui) intre preceptie publica sii realitate geografica, [en: The Valea Caraman landslide, Ivești (Vaslui County), between public perception and geographical reality];*
- **Niacșu L.,** Sfîcă L., Ursu A., Ichim P., Bobric D., Breabăn I.G. - *Soil erosion associated to extreme blizzard conditions within north-eastern Romania*

28. 27-28 September 2017 – **25th edition of the International Symposium "Geographical Information Systems"**, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași. Paper presented: **Niacșu L.,** Ioniță I. Samoilă C., Grigoraș G., Apostu-Blebea A.M. - *GIS in land degradation assessment and development of soil conservation measures.*

29. 13-15 October 2017 – **37th edition of the International "Dimitrie Cantemir" Geographical Seminar**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași. Paper presented:
- Samoilă C., Ioniță I., **Niacșu L.**, Grigoraș G. – *Reservoir siltation within Racova catchment*

30. 19-20 November 2017 – **Symposium on Agriculture and Food Engineering, Faculty of Agriculture, "Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine, Iași**. Paper presented*:* **Niacșu L.,** Sfîcă L., Ursu A., Ichim P., Bobric D., Breabăn I.G. - *Soil erosion associated to extreme blizzard conditions within Moldavian Plateau, Romania*

31. 18-19 November 2017 – **International Conference "Understanding Land, People and Environment: Research and Teaching Perspectives in Geography"**, Faculty of Geography, University of Bucharest. Paper presented, Facultatea de Geografie, Universitatea București – prezentare lucrare: **Niacșu L.,** Sfîcă L., Ursu A., Ichim P., Bobric D., Breabăn I.G. - *Soil erosion associated to extreme blizzard conditions within Moldavian Plateau, Romania*

32. *16-20 May 2018 - **The 26th International Symposium "Deltas and Wetlands" 2018**, Danube Delta National Institute for Research and Development – paper presented*: Samoilă C., Mărgineanu R.M., Ioniță I., Apostu-Blebea A.M., **Niacșu L.,** Grigoraș G. - *Using 137Cs technique to estimate sedimentation rate in the Racova Catchment*

33. *05-06 October 2018 - **International Symposium "Geographical Information Systems", 26th edition**, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași – paper presented*: Ursu A., **Niacșu L.,** Sfîcă L. - *Using GIS to assess soil loss on agricultural lands due to wind erosion. Case study for 5-8 January 2017 within north-eastern Romania.*

34. *13-15 October 2018 – **International "Dimitrie Cantemir" Geographical Seminar, 38th edition**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași – papers presented*:
- Niacșu, L., Sfîcă, L., Ursu, A., Ichim, P., Bobric, D.E., Breabăn, I. - *Wind erosion on arable lands, associated with extreme blizzard conditions within the hilly area of Eastern Romania*
- *Niacșu L., Ioniță, I., Stoian, L. - Contribuții privind organizarea și amenajarea antierozională a bazinului Puriceni – Bahnari (Dealurile Fălciului), [en: Contributions to the organization and anti-erosion management of the Puriceni–Bahnari Basin (Fălciu Hills)].*

35. *22-24 March 2019 – **The 11th Conference "Air and Water Components of the Environment"**, Faculty of Geography, Babeș-Bolyai University & "Aerul și Apa" Association – paper presented* – lucrare: Albu L.M., Enea A., Stoleriu C.C., **Niacșu L.** - G.I.S. Implementation on Dam-Break Flood Vulnerability Analysis – A Case Study of Cătămărăști Dam, Botoșani, Romania

36. *07-09 June 2019 – **International Symposium "The Present Environment and Sustainable Development"**, 14th edition, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași – papers presented:*
- *Vacula S., Niacșu L. – Geomorphological pattern of the Sarata catchment, Republic of Moldova*
- *Anastasiei A.M., Niacsu L. – The geotouristic value of Repedea site as a source of building and decorative stones used in the construction of representative patrimony buildings in Iași City*
- *Albu L.M., Enea A., Niacșu L., Stoleriu C.C. – Landslide susceptibility analysis on Sitna rver basin, Botoșani, Romania*

37. *05-08 September 2019 - **International Conference "Environment at a Crossroads: SMART Approaches for a Sustainable Future" – ECOSMART 2019**, Bucharest – paper presented:* Albu L.M., Enea A., Iosub M., Breabăn I.G., **Niacșu L.,** Sfîcă L., Stoleriu C.C., Ursu A. - *Assessing wildfire impact on the environment and human settlements. Study area: Thessaly and Central Greece*

38. *18-20 October 2019 – **International "Dimitrie Cantemir" Geographical Seminar, 39th edition**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași – papers presented:*
- **Niacșu L.,** Vasiliniuc I., - *Sugar Beet Harvesting and Soil Loss in Eastern Romania*
- Vacula S., **Niacsu L.** - *Soil and water conservation practices within Sarata catchment (Republic of Moldova) during the Soviet period*
- Anastasiei A.M., **Niacșu, L.** – *Urban geoturism in Iași city. Case study: building materials and rocks*

39. *24 October 2020 – **International "Dimitrie Cantemir" Geographical Seminar, 40th edition**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași – papers presented:*
- Codru I.C., **Niacșu L.** - Analysis of gully headcut distribution within the Moldavian Plateau (the sector between Siret and Prut rivers),

40. *07-09 June 2020 – **International Symposium "The Present Environment and Sustainable Development"**, 15th edition, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași – papers presented:*
- Mega M., Sfîcă L., **Niacșu L.** - *The assessment of rainfall erosivity in extracarpathian Moldova,*
- Vacula S., **Niacșu L.,** Bobroc D.E., Vasiliniuc I. - *Land degradation by soil erosion and sedimentation within Sarata catchment, Republic of Moldova,*
- Codru I.C., **Niacșu L.** - *Correlations between gully headcuts distribution and the land cover, lithology, respectively terrain morphometry of the Moldavian Plateau,*

- Anastasiei A.M., **Niacșu L.** - *Defining the nature and purpose of geotourism with particular reference to the city of Iași and Moldovian Plateau.*

41. *03-05 September 2021 – **International "Dimitrie Cantemir" Geographical Seminar, 41st edition**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași – papers presented*:
- Ioniță I., **Niacșu L.,** Poesen J., Fullen M.A. - Controls on the development of continuous gullies: a 60 year monitoring study in the Moldavian Plateau of Romania,
- Niacșu L., Codru I.C. - Inventarul ravenelor din Podișul Moldovei (sectorul dintre Siret și Prut) - studiu preliminar, [en: Inventory of gullies in the Moldavian Plateau (the sector between the Siret and Prut rivers) – preliminary study].

42. *03-04 June 2022 - **International Symposium "The Present Environment and Sustainable Development"**, 17th edition, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași – paper presented*: Niacșu L., Enea A., Codru C.I. - *GIS and SFM techniques, used in the morphometrical analysis of gullies. Case study: Vâlcioaia gully.*

43. 14-16 October 2022 – **International "Dimitrie Cantemir" Geographical Seminar, 42nd edition**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași – papers presented:
- **Niacsu L**. - *Prof.univ.dr.ing. Ion Ioniță - o viață dedicată geomorfologiei aplicate*,
- Codru I.C., **Niacsu L.,** Enea A. - *Inventory of gully head-cuts and automatic mapping of gullies within the Covurlui Plateau, Eastern Romania,*
- Anastasiei A.M., **Niacsu L.,** Codru I.C. - *Urban geomorphological heritage in Iași City*.

44. 30 November 2022 - Communication dans le cadre de l'UMR Géographie-cités, CNRS, Campus Condorcet, Paris-Aubervilliers: Groza O., Rusu A., **Niacșu L.,** Enea A. – *Définir des aires rurales sur des critères fonctionnels en Roumanie. Essai méthodologique*, https://geographie-cites.cnrs.fr/etudier-les-ruralites-a-geographie-cites/

45. 30 March 2023 - **International Symposium "Geographical Information Systems", 29th edition**, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași – papers presented::
- Codru I.C., Enea A., Niacșu L. - Using the positive openness of topographic openness to semi-automatically extract gullies from LiDAR dgital elevation models.
- Jitariu V., Istrate V., Ursu A., Niacsu L. - Mapping the damage caused by extreme phenomena on fruit-growing regions in the north-east of Romania using remote sensing methods
- Bobric D.E., Stoleriu A., Niacșu L., Breabăn I.G. - The use of spectral techniques to monitor the vegetation status in a protected area in the Iași county

46. 09-10 June 2023 - **International Symposium "Present Environment and Sustainable Development", 18th edition**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași – papers presented:
- Niacșu L., Codru C.I., Enea A. - Towards an up-to-date gully inventory from Moldavian Plateau of Eastern Romania.
- Jitariu V., Ursu A., Niacșu L. - Risks and phenological variations in apple yields as the temperature warms. Falticeni orchards (Northeast Romania) as a case study
- Anastasiei A.M., Niacșu L. - Exploring the Geotourism-Building Materials Nexus: A Path Towards Sustainable Development in Iași City, Romania

47. 27-29 October 2023 – **International "Dimitrie Cantemir" Geographical Seminar, 43rd edition**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași – papers presented:
- Niacsu, L., Codru, I.C., Boicu, D., Loghin, A., Enea, A., Minea, I. - Laboratory of Interdisciplinary Research in Geo-chemistry of Rural Areas (RA-07), Research Center with Integrated Techniques for Atmospheric Aerosol Investigation in Romania (RECENT-AIR)
- Codru, I.C., Boicu, D., Loghin, A., Niacsu, L., Minea, I. - Using Google Earth Engine, Remote Sensing and Digital Terrain Models derived from LiDAR for the identification of salty soils and gullies developed on this soil type
- Anastasiei, A.M., Niacșu, L., Loghin, S. - The oolitic limestones used as building material for Iași monuments. Inferences from a geological, geomorphological and geotouristic analysis

48. 30 March 2024 - **International Symposium "Geographical Information Systems", 30th edition**, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași – papers presented:
- Jitariu V., Niacșu L., Ursu A., Ichim P. - Modificări ale perioadei de vegetație pentru cultura mărului și prunului în contextul viitoarelor modificări climatice, [en: Changes in the growing season of apple and plum crops in the context of future climate change].
- Niacsu, L., Codru I.C., Enea, A. - A modern geo-spatial approach for analysing geomorphological processes in lacustrine basins, using aerial lidar surveys. Case studies: Belci and Antohesti lakes, Romania.
- Enea A., Stoleriu C.C., Iosub M., Niacșu L. - Romania's hydromorphometric flash flood atlas. A webGIS aplication.

49. 50. 07-09 June 2024 - **International Symposium "Present Environment and Sustainable Development", 19th edition**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași – papers presented:
- Anastasiei A.M., Niacșu L., Loghin, S. - UNESCO valorization of (geo)heritage in the Moldavian Plateau (Romania) between the Siret and Prut rivers: Implications for sustainable development.
- Jitariu V., Niacșu L., Ursu A., Ichim P. - Changes in the growing season for apple and plum cultivation in Romania in the context of future climate change.

50. 17-20 October 2024 – **International "Dimitrie Cantemir" Geographical Seminar, 44th edition**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași – papers presented:
- Bobric, E.D Stoleriu, A.P., Alion, G., Zaiț, I., Adumitroaei, M., Niacșu,L., Breabăn, I.G., - Dynamics Of Land Use And Impact On Carbon Stock In The Iasi Metropolitan Area.
- Anastasiei, A.M., Niacsu, L., Iosub, M. - Geomorphological and Pedological Impacts of Flash Floods on Geosites: A Case Study from the Moldavian Plateau, Emphasizing Precucuteni and Horodiștea-Erbiceni/Godinești Sites.
- Jitariu, V., Niță, N.R., Ursu, A., Niacșu, L. - Mapping the heat stress for apple and plum orchards in the Moldavian Region (Romania).

- Niculiță, M., Albulescu, A.C., Niacșu, L., Mărăgărint, M.C. - Platform for helping small and medium farmers to incorporate digital technology for equal Opportunities (PHITO) – a HORIZON project implemented in Iași and Botoșani Counties.

51. 28 March 2025 - **International Symposium "Geographical Information Systems", 31st edition**, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași – papers presented:
- Olariu, A.C., Niacsu, L., Enea, A., Stoleriu, C.C. - Geo-spatial assessment of the siltation process in reservoir lakes. Application of temporal data and GIS techniques in the case of Cuibul Vulturilor Lake (Tutova Hills), Romania.
- Codru, I.C., Enea, A., Niacsu, L., Roșca, B. - Using Topographic Openness and Google Earth Engine to identify gullies developed on salty soils

52. 24-26 October 2025 – **International "Dimitrie Cantemir" Geographical Seminar, 45th edition**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași – papers presented:
- Codru., I.C., Niacsu, L. – Spatial distribution of gullies within the Moldavian Plateau
- Jitariu, V., Ichip, P., Ursu, A., Niacsu, L. - Changes in plum growing seasons in Romania: Projections under future climate scenarios
- Anastasiei, A.M., Niacsu, L. - Repedea Hill (Iași, Romania): Geoheritage Value and Geopark Potential

B. Participation in national symposia, congresses, conferences and seminars: 11

1. 20-26 August 2006, Cluj**, *the 18th National Conference of Soil Science***, with international participation „100 years of Soil Science in Romania" *„The management and use of soil resources, the protection of the agricultural environment and rural development in central and northwestern Romania"***,** papers:
- C. Rusu, E. Rusu, **L. Niacşu**, I. Vasiliniuc - *The soils of Tibles mountains;*
- C.Rusu, I.C.Stângă, **L.Niacsu**, D.Fiscutean – *Solurile Munţilor Gurghiu, [en: The soils of the Gurghiu Mountains];*
- C.Rusu, I.G.Breaban, I.C. Stângă, **L. Niacsu** - *Consideratii privind natura proceselor de solificare în muntii vulcanici Călimani-Gurghiu – Harghita;*

2. *24-26 April 2009 - The **25th National Symposium on Geomorphology, Romanian Association of Geomorphologists**, Faculty of Geography, "Babeş-Bolyai" University, Cluj-Napoca - Arcalia; papers*:
- **Niacşu L.,** Stângă C.I., Rusu C. **–** *Influenţe structural-litologice în morfologia Colinelor Tutovei (bazinele hidrografice Tutova şi Pereschiv), [en: Structural-lithological influences on the morphology of the Tutova Hills (the Tutova and Pereschiv drainage basins)];*
- I.Ioniţă, **L.Niacşu** – *Ritmul de ravenare din bazinul Pârâului Hreasca – Colinele Tutovei, [en: The rate of gullying in the Hreasca Stream Basin – Tutova Hills];*
- Rusu C., Bulgariu D., **Niacşu L.**, Stângă I.C. – *Consideraţii privind geneza şi evoluţia platourilor vulcanice de pe rama vestică a Munţilor Gurghiu – Harghita (Carpaţii Orientali)*, [en: Considerations on the nature of soil-forming processes in the volcanic Călimani–Gurghiu–Harghita Mountains];

3. 23-29 August 2009 – The **19th National Conference for Soil Science, Romanian National Society for Soil Science, Iaşi**; papers;
- **Niacşu L.** – *Harta solurilor din bazinul Pereschivului (Colinele Tutovei), [en: Soil map of the Pereschiv Basin (Tutova Hills)];*
- **Niacşu L.** – *Utilizarea raţională a terenurilor din bazinul Pereschivului (Colinele Tutovei) în funcţie de caracteristicile învelişului de sol, [en: Rational land use in the Pereschiv Basin (Tutova Hills) according to the characteristics of the soil cover];*
- Rusu C., **Niacşu L.**, Stângă I.C., Vasiliniuc I. **–** *Sistemul Român de Taxonomie a solurilor – între inovaţie şi necesitate, [en: The Romanian System of Soil Taxonomy – between innovation and necessity];*
- Rusu C., Bulgariu D., **Niacşu L.**, Stângă I.C. **–** *Consideraţii privind relaţia iluviere– andosolizare-cheluviaţie în evoluţia solurilor din Munţii Gurghiu – Harghita, [en: Considerations on the illuviation–andosolization–cheluviation relationship in the evolution of soils in the Gurghiu – Harghita Mountains];*

4. 17-18 September 2010 – The **26th National Symposium on Geomorphology**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iaşi – papers:
- **Niacşu L.** – *Utilizarea terenurilor din bazinul Pereschivului – Colinele Tutovei, [en: Land use in the Pereschiv Basin – Tutova Hills];*
- Ioniţă I., Niacşu Loredana, **Niacşu L.,** Hurjui C. – *Consideraţii privind degradarea terenurilor din bazinul Bogdanei - Colinele Tutovei, [en: Considerations on land degradation in the Bogdana Basin – Tutova Hills];*

5. 19-21 May 2011 - The **27th National Symposium on Geomorphology**, Romanian Association of Geomorphologists, University of Craiova, Department of Geography – papers:
- Rusu C., Bulgariu D., **Niacşu L.** – *Consideraţii privind geneza şi evoluţia depozitelor superficiale specifice platourilor vulcanice din Munţii Harghitei, [en: Considerations on the genesis and evolution of superficial deposits specific to the volcanic plateaus of the Harghita Mountains];*
- Niacşu Loredana, Ioniţă I., **Niacşu L.** – *Observaţii geomorfologice în bazinul Pârâului Bogdana – Colinele Tutovei, [en: Geomorphological observations in the Bogdana Stream Basin – Tutova Hills];*

6. 21-24 May 2015 - The **31st National Symposium on Geomorphology**, Romanian Association of Geomorphologists, University of Bucharest, Faculty of Geography, Sf. Gheorghe Marine and Fluvial Research Station – papers:
- Ioniţă I., **Niacşu L.** – Tandemul ravenare – alunecări de teren în Dealurile Fălciului, Podişul Moldovei, [en: The gullying–landslides tandem in the Fălciu Hills, Moldavian Plateau];
- Rusu C., Bulgariu D., **Niacşu L. –** Geneza şi evoluţia depozitelor superficiale din platourile vulcanice ale Munţilor Harghita (Carpaţii Orientali, România), [en: The genesis and evolution of superficial deposits on the volcanic plateaus of the Harghita Mountains (Eastern Carpathians, Romania)].

7. 11-14 May 2017 - The **33rd National Symposium on Geomorphology**, Romanian Association of Geomorphologists, "Alexandru Ioan Cuza" University of Iași, Faculty of Geography, papers:

- **Niacșu L.**, Sfâcă L., Ursu A., Ichim P., Bobric D.E. - Wind soil erosion associated to extreme blizzard conditions. Case study for 7-9 January 2017 within north-eastern Romania;
- **Niacșu L.**, Ioniță I., Grigoraș G. - Erosion and sedimentation rates in the Fălciu Hills from astern Romania

8. 16-20 May 2018 - The **34th National Symposium on Geomorphology**, Romanian Association of Geomorphologists, "Alexandru Ioan Cuza" University of Iași, Faculty of Geography, paper: Samoilă C., **Niacșu L.**, Ioniță I., Grigoraș G. - Reservoir siltation within the Racova Catchment

9. 22-26 September 2021 - The **36th Romanian Symposium on Geomorphology: Geomorphology, One Step Further**, Romanian Association of Geomorphologists, University of Craiova, Romania, paper: **Niacșu L.,** Ioniță I., Poesen J., Fullen M. 2021. Controls on the development of continuous gullies: a 60-year monitoring study in the Moldavian Plateau of Romania.

10. 25-28 May 2023 - The **38th Romanian Symposium on Geomorphology: Geomorphology in the Anthropocene**, Romanian Association of Geomorphologists, Babeș-Bolyai University of Cluj-Napoca, Romania, paper: **Niacșu L.,** Codru C.I., Enea A. - Towards an up-to-date gully inventory from Moldavian Plateau of Eastern Romania.

11. 06-08 May 2025 – **Anniversary Congress of the Romanian Geographical Society (1875-2025)**, Romanian Academy, Romania, paper: **Niacșu L.**. - Școala geografică ieșeană și Societatea de Geografie din România, [en: The Iași school of geography and the Romanian Geographical Society].

C. Participation in other symposia, congresses, conferences and seminars: 37

1. May 2003 – Student Scientific Communications Session, Faculty of Geography and Geology, "Al. I. Cuza" University of Iași – **Niacşu L.** – *Caracteristici geomorfologice ale bazinului Pereschivul Mic (Colinele Tutovei), [en: Geomorphological characteristics of the Pereschivul Mic Basin (Tutova Hills)].*

2. 17-18 June 2005 – **Symposium "Geography in the Context of Contemporary Development"** – "Babeş-Bolyai" University of Cluj-Napoca, Faculty of Geography. Secu C., **Niacşu L.,** - *Caracteristici morfologice ale antrosolurilor in lungul unor toposecvente situate la nord de cartierul Pacurari (Iasi), [en: Morphological characteristics of anthrosols along toposequences located north of the Păcurari district (Iași)].*

3. 16-18 September 2005 – **Symposium "Soil-Forming Factors and Processes from the Temperate Zone"**, Department of Geography, "Al. I. Cuza" University of Iaşi, **Niacşu L.,** Stângă I.C., Secu C**.,** - *Corelaţii lito-morfo-pedologice în bazinul râului Pereschivul Mare, [en: Litho-morpho-pedological correlations in the Pereschivul Mare River Basin].*

4. 8-9 October 2005 – **Annual Geography Symposium, Romanian Academy**, Iaşi Branch, Rusu C., Stângă I.C., **Niacşu L**., Roşca B., Fiscutean D., **-** *Consideraţii pedogeografice în Munţii Gurghiu, [en: Pedogeographical considerations on the Gurghiu Mountains].*

5. 28-29 October 2005 – **"Dimitrie Cantemir" Geographical Seminar**, Department of Geography, "Al. I. Cuza" University of Iaşi – papers:
- Rusu C., Stângă I.C., **Niacşu L**., Fiscutean D., **-** *Consideraţii preliminare asupra solurilor din Munţii Gurghiului (Carpaţii Orientali), [en: Preliminary considerations on the soils of the Gurghiu Mountains (Eastern Carpathians)].*
- Rusu C., **Niacşu L**., Roşca B., Fiscutean D., **-** *Consideraţii preliminare asupra solurilor din Munţii Harghitei (Carpaţii Orientali), [en: Preliminary considerations on the soils of the Harghita Mountains (Eastern Carpathians)].*
- Ioniţă I., **Niacşu L**., - *Bazinul Jijioarei – Consideraţii geomorfologice, [en: The Jijioara Basin – Geomorphological considerations].*

6. 19 November 2005 – **Annual Scientific Communications Session**, Faculty of Geography, University of Bucharest - Ioniţă I., **Niacşu L**., - *Tipologia cuestelor din Bazinul Jijioarei, [en: The typology of cuestas in the Jijioara Basin].*

7. 13-15 October 2006 – **"Dimitrie Cantemir" Geographical Seminar, Department of Geography**, "Al. I. Cuza" University of Iaşi – papers:
- Juravle D.T., Ursu A., **Niacsu L.** – *Corelatii lito-morfo-structurale in muntii flisului (in bazinul Sucevei si bazinul Putnei vrancene), [en: Litho-morpho-structural correlations in the flysch mountains (in the Suceava Basin and the Vrancea Putna Basin)];*
- Ionita I., Margineanu R., **Niacsu L.** – *Date preliminare privind sedimentarea recenta din partea de sud a Podisului Moldovei, [en: Preliminary data on recent sedimentation in the southern part of the Moldavian Plateau];*

8. 13-15 October 2006 – **Symposium "Soil-Forming Factors and Processes from the Temperate Zone"**, Department of Geography, "Al. I. Cuza" University of Iaşi, papers:
- C.Secu, **L.Niacsu**, A.Ursu, M.Costica, R.Pirnau – *Aspecte pedo-biogeografice in bazinul raului Ciric, [en: Pedo-biogeographical aspects in the Ciric River Basin];*
- C.Rusu, **L.Niacsu**, B.Rosca, D.Fiscutean – *Solurile Muntilor Harghita, [en: The soils of the Harghita Mountains];*
- C.Rusu, I.C.Stanga, **L.Niacsu**, D.Fiscutean – *Solurile Muntilor Gurghiu, [en: The soils of the Gurghiu Mountains];*

9. 19-20 October 2006 – **Symposium "Agriculture between Tradition and Intensification", Faculty of Agriculture, "Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine**, Iași
- C. Rusu, I.C. Stângă, **L. Niacşu**, I. Vasiliniuc - *Observaţii privind posibilitatea îmbunătăţirii sistemului român de taxonomie a solurilor (Bucureşti,2003)*, [en: Observations on the possibility of improving the Romanian system of soil taxonomy (Bucharest, 2003)].
- C. Rusu, E. Rusu, I.C.Stângă, **L. Niacşu**, I., Vasiliniuc, B., Rosca - *Învelişul pedogeografic al munţilor vulcanici din partea nordică a Carpaţilor Orientali, [en: The pedogeographical cover of the volcanic mountains in the northern part of the Eastern Carpathians].*
- **L. Niacşu** - *Învelişul de sol din Bazinul Pereschivul Mic (Colinele Tutovei). Probleme de încadrare taxonomică şi corelaţii SRCS (1980) - SRTS (2000), [en: The soil cover of the Pereschivul Mic Basin (Tutova Hills). Problems of taxonomic classification and correlations between SRCS (1980) and SRTS (2000)].*

10. 19 November 2006 – **Annual Scientific Communications Session, Faculty of Geography, University of Bucharest** - D.T.Juravle, A.Ursu, **L. Niacsu** – *Corelatii lito-morfo-structurale in muntii flisului (in bazinul Sucevei si bazinul Putnei vrancene)*, [en: Litho-morpho-structural correlations in the flysch mountains (in the Suceava Basin and the Vrancea Putna Basin)].

11. 19 October 2007 – **Annual Geography Symposium, Iaşi Academy Days, Romanian Academy** – Iaşi Branch, Iaşi, papers: C. Rusu, D.Bulgariu, I.C.Stângă, **L. Niacşu**, I. Vasiliniuc – *Observaţii pivind criteriile de clasificare ale andosolurilor, [en: Observations on the classification criteria of andosols].*

12. *18-19 October 2007 – **Symposium "Soil-Forming Factors and Processes from the Temperate Zone"**, Department of Geography, "Al. I. Cuza" University of Iaşi, papers*:

- C.Rusu, **L.Niacsu,** I.Vasiliniuc, I.C.Stanga,– *Solurile ansamblului Gutâi – Văratec, [en: The soils of the Gutâi–Văratec massif].*
- C.Rusu, I.Vasiliniuc, I.C.Stanga, **L.Niacsu** – *Solurile munţilor Hudin – Ţibleş, [en: The soils of the Hudin–Țibleș Mountains].*
- C. Rusu, D. Bulgariu, I.C. Stanga, **L. Niacsu,** I. Vasiliniuc – *Influenta complexelor allofano-humice si organo-minerale asupra echilibrelor minerale din soluri, [en: The influence of allophane-humic and organo-mineral complexes on mineral equilibria in soils].*

13. *26 October 2007 – **Symposium "Geochemistry of Heavy Metals in Soils",** Department of Geology, Faculty of Geography, "Al. I. Cuza" University of Iaşi*; C. Secu, **L. Niacşu**, I. Vasiliniuc – *Aplicaţii ale SIG la harta solurilor, [en: GIS applications to soil mapping].*

14. 16-17 November 2007 – **Ceex IRIS Workshop – "The Impact of Hydro-Climatic and Pedo-Geomorphological Hazards on the Environment in the Bârlad Basin"**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iaşi:

- **Niacşu L.,** Ursu A., – *Utilizarea aerofotogramelor în studiul degradării terenurilor din bazinul Pereschiv (Colinele Tutovei). Aolicaţii GIS, [en: The use of aerial photographs in the study of land degradation in the Pereschiv Basin (Tutova Hills). GIS applications].*
- **Niacşu L.,** Secu C., Rusu C., (2007) – *Legenda hărţii solurilor. Aplicaţii SIG în bazinul Pereschiv, [en: The soil map legend. GIS applications in the Pereschiv Basin].*
- Lungu Mihaela**, Niacşu L.,** Stângă I.C., Aldea Monica Mihaela, Lazar Rodica, Stroe Venera Mihaela, Râşnoveannu I., (2007) – *Conţinuturi de macro- şi microelemente în solurile din Podişul Bârladului (Colinele Tutovei, [en: Macro- and microelement contents in the soils of the Bârlad Plateau (Tutova Hills)].*
- Rizea Nineta, **Niacşu L.,** Stângă I.C., Lazar Rodica, Stroe Venera Mihaela, Aldea Monica Mihaela, (2007) – *Proprietăţi de schimb cationic ale unor profile de sol reprezentative din Podişul Bârladului, [en: Cation-exchange properties of representative soil profiles from the Bârlad Plateau].*
- Vasiliniuc I., Ursu A., **Niacşu L.,** Rusu C., Stângă I.C. (2007) - *Studiul alunecărilor de teren ca factor de risc în bazinul Bârladului cu ajutorul SIG 1. Distribuţia alunecărilor de teren din bazinul Bârladului, [en: Study of landslides as a risk factor in the Bârlad Basin using GIS. 1. Distribution of landslides in the Bârlad Basin].*

15. 12-13 June 2008 – **Ceex IRIS Workshop – "The Impact of Hydro-Climatic and Pedo-Geomorphological Hazards on the Environment in the Bârlad Basin", 2nd edition**, Department of Geography, Faculty of Geography and Geology, "Al. I. Cuza" University of Iaşi: **Niacşu L.,** Ursu A., – *Utilizarea aerofotogramelor în studiul degradării terenurilor din bazinul Pereschiv (Colinele Tutovei). Aplicaţii GIS, [en: The use of aerial photographs in the study of land degradation in the Pereschiv Basin (Tutova Hills). GIS applications].*

16. *19-21 September 2008 – **Symposium "Soil-Forming Factors and Processes from the Temperate Zone"**, Department of Geography, "Al. I. Cuza" University of Iaşi, papers*: **L.Niacsu,** L.Stoian,– *Învelişul pedogeografic din bazinul Pereschiv (Colinele Tutovei) – consideraţii preliminare, [en: The pedogeographical cover of the Pereschiv Basin (Tutova Hills) – preliminary considerations].*

17. 17-19 October 2008 – ***"Dimitrie Cantemir" Geographical Seminar, 28th edition***, Department of Geography, "Al. I. Cuza" University of Iaşi – papers:

- **L. Niacsu,** L. Stoian – *Degradările de teren din bazinul Pereschiv. Aplicaţii SIG privind ravenarea, [en: Land degradation in the Pereschiv Basin. GIS applications to gullying].*
- *D.-T.Juravle, A.Ursu,* **L.Niacsu** – *Poziţia confluenţelor din zona cuprinsă între râurile Suceava şi Suceviţa raportată la ariile de aflorare a formaţiunilor cretacic - paleogene (Obcina Mare). Date preliminare, [en: The position of confluences in the area between the Suceava and Sucevița rivers in relation to the outcrop areas of Cretaceous–Paleogene formations (Obcina Mare). Preliminary data].*

18. 10-12 September 2010 – **Symposium "Soil-Forming Factors and Processes from the Temperate Zone"**, Department of Geography, "Al. I. Cuza" University of Iaşi, Odobeşti, Vrancea – papers:

- **Niacşu L.** – *Parametri pedologici restrictivi pentru utilizarea terenurilor în bazinul Pereschivului – Colinele Tutovei, [en: Restrictive pedological parameters for land use in the Pereschiv Basin – Tutova Hills].*
- Ioniţă I., **Niacşu L.,** Niacşu Loredana – *Relaţii pedo-geomorfologice în bazinul Bogdanei - Colinele Tutovei, [en: Pedo-geomorphological relationships in the Bogdana Basin – Tutova Hills];*
- Rusu C., Stângă I.C., **Niacşu L.**, Vasiliniuc I. – Consideraţii privind învelişul de sol al Munţilor Călimani, [en: Considerations on the soil cover of the Călimani Mountains].

19. 11 March 2011 – **Scientific Seminar of postdoctoral researchers within the Research Department of the Faculty of Geography and Geology**, "Al. I. Cuza" University of Iași, research report on the topic: **Niacșu, L.** - "*Degradarea terenurilor prin eroziune şi sedimentare în sudul Colinelor Tutovei*", [en: Land degradation by erosion and sedimentation in the southern Tutova Hills].

20. 23 June 2011 – **Scientific Seminar of postdoctoral researchers within the Research Department of the Faculty of Geography and Geology**, "Al. I. Cuza" University of Iași, research report on the topic: **Niacșu, L.** - "*Optimum land use pattern in Pereschiv catchment from Eastern Romania*"

21. 16-18 September 2011 – **Symposium "Soil-Forming Factors and Processes from the Temperate Zone"**, Department of Geography, "Al. I. Cuza" University of Iaşi, Piatra Neamţ – papers:

- **Niacşu L.**, Stoian Loredana, Ioniţă I. – *Relaţii pedo-geomorfologice în bazinul Similei, [en: Pedo-geomorphological relationships in the Simila Basin].*
- Rusu C., Stângă I.C., **Niacşu L.**, Bulgariu D. – Rolul litologiei şi al reliefului în geneza şi distribuţia solurilor din Munţii Gurghiului (Carpaţii Orientali), [en: The role of lithology and relief in the genesis and distribution of soils in the Gurghiu Mountains (Eastern Carpathians)].

22. 27 May 2012 – **Scientific Seminar of the Romanian Geographical Society, Bârlad Branch:**

- **Niacșu, L.** - *Utilizarea a terenurilor din bazinul Pereschivului (Colinele Tutovei) – între agricultură de subzistență și dezvoltare durabilă, [en: Land use in the Pereschiv Basin (Tutova Hills) – between subsistence agriculture and sustainable development].*
- Stoian, L., Ioniță, I., **Niacșu, L.** - Observații geomorfologice în bazinul pârâului Bogdana – Colinele Tutovei, [en: Geomorphological observations in the Bogdana Stream Basin – Tutova Hills].

23. 8 June 2012 – **Scientific Seminar of postdoctoral researchers within the Research Department of the Faculty of Geography and Geology**, "Al. I. Cuza" University of Iași, research report on the topic: **Niacșu L.**, Stângă I.C. – "*Despăduririle din Podișul Bârladului în*

ultimele două secole. Echilibre şi dezechilibre biopedoclimatice", [en: Deforestation in the Bârlad Plateau over the last two centuries. Biopedoclimatic balances and imbalances].

24. 24. 28 May 2013 – **Scientific Seminar of the Romanian Geographical Society**, Bârlad Branch**: Niacșu, L.** – *Călătorie în Anzi – din La Paz la Arica, [en: Journey in the Andes – from La Paz to Arica].*

25. 5 July 2013 – **Annual Scientific Communications Session – "Environmental Changes and Sustainable Development in the Lower Danube Basin"**, Institute of Geography, Romanian Academy, papers: Ioniță I., Niacșu L. - *Impactul averselor succesive asupra scurgerii lichide şi eroziunii din bazine hidrografice mici în Podişul Moldovei, [en: The impact of successive rainstorms on runoff and erosion in small drainage basins in the Moldavian Plateau].*

26. 19-21 September 2013 – **Symposium "Soil-Forming Factors and Processes from the Temperate Zone"**, Department of Geography, "Al. I. Cuza" University of Iaşi, papers:
- **Niacşu L.**, Ioniţă I. – *Relations between landslides and gully erosion in the Lower Tutova Rolling Hills, Romania;*
- Stângă I.C., **Niacşu L. –** *The pedogenetic significance of the forestry cover in Bârlad Plateau*.

27. 23-26 June 2014 – **IGU-LUCC 2014 Symposium "Land Use-Land Cover Changes and Land Degradation" (LUCC&LD)**, Institute of Geography, Romanian Academy, papers: Ionita I., **Niacsu L.,** Chelaru Petronela – Land degradation within the Central Moldavian Plateau

28. 19-21 September 2014 – **Symposium "Soil-Forming Factors and Processes from the Temperate Zone"**, Department of Geography, "Al. I. Cuza" University of Iaşi, papers: Ioniţă I., **Niacşu L.**, Cotunoaea R. – *Evoluția unor ravene pe substrat salmastru în Câmpia colinară a Jijiei, [en: Evolution of gullies on a saline substrate in the Jijia Hilly Plain].*

29. 15-17 September 2017 – **Symposium "Soil-Forming Factors and Processes from the Temperate Zone"**, Department of Geography, "Al. I. Cuza" University of Iaşi, papers:
- Rusu C., Bulgariu D., Vasiliniuc I., **Niacșu L.** - *Aspecte privind geneza şi evoluţia solurilor din Munţii Călimani, [en: Aspects regarding the genesis and evolution of soils in the Călimani Mountains].*
- **Niacșu L.,** Sîcă L., Ursu A., Ichim P., Bobric D.E., Breabăn I.G. - *Wind soil erosion on agricultural lands within Moldavian Plateau from North-Eastern Romania*

30. 21-22 September 2018 – **Symposium "Soil-Forming Factors and Processes from the Temperate Zone"**, Department of Geography, "Al. I. Cuza" University of Iaşi, papers:
- **Niacșu L.**, Vasiliniuc I., Roșca B., Pîrnău R.G.- *Consideraţii privind estimarea eroziunii solului şi a sedimentării folosind argumente arheologice. Studiu de caz: bazinul Slavei Ruse (Podişul Babadagului), [en: Considerations on estimating soil erosion and sedimentation using archaeological evidence. Case study: the Slava Rusă Basin (Babadag Plateau)].*
- Patriche C.V., Pîrnău R.G., Vornicu C., Roșca B., Vasiliniuc I., **Niacșu L.** - *Modele spaţiale geostatistice ale însuşirilor solului din zona cetăţii romane Ibida (Slava Rusă, Dobrogea), [en: Geostatistical spatial models of soil properties in the area of the Roman fortress of Ibida (Slava Rusă, Dobrogea)].*

31. 13-15 September 2019 – **Symposium "Soil-Forming Factors and Processes from the Temperate Zone"**, Department of Geography, "Al. I. Cuza" University of Iaşi, papers*:*
- **Niacșu L.,** Vasiliniuc I., - *Pierderile de sol în urma recoltării sfeclei de zahăr în estul României***,** [en: Soil losses following sugar beet harvesting in Eastern Romania].
- Vacula S., **Niacșu L.**. – *Aspecte geomorfologice și degradarea terenurilor în bazinul Sărata (Rep. Moldova), [en: Geomorphological aspects and land degradation in the Sărata Basin (Republic of Moldova)].*

32. 28 May 2022 – **Scientific Seminar of the Romanian Geographical Society, Bârlad Branch**: ***Niacșu, L.,*** *Stoian L. – Resursa de teren agricol a României – probleme actuale și oprtunități, [en: Romania's agricultural land resource – current issues and opportunities].*

33. 06-09 October 2022 – **Symposium "Soil-Forming Factors and Processes from the Temperate Zone"**, Department of Geography, "Al. I. Cuza" University of Iaşi, papers:
- *Ionita I., **Niacșu L.,** Poesen J., Fullen M. - Development of continuous and discontinuous gullies in the Moldavian Plateau of Romania*
- *Codru I.C., Niacsu L. - Metode de identificare și extragere a zonelor afectate de ravene din Podișul Covurluiului*, [en: Methods for identifying and extracting gully-affected areas in the Covurlui Plateau].

34. 04-08 October 2023 – **Symposium "Soil-Forming Factors and Processes from the Temperate Zone", 32nd edition**, Department of Geography, "Al. I. Cuza" University of Iaşi, paper: *Niacșu, L., Codru, I.C., Enea, A. - O abordare geo-spațială modernă pentru analiza geomorfologică, hidrologică și pedologică a cuvetelor lacustre, utilizând măsurători Lidar. Studii de caz: Lacurile Belci și Antohești, România, [en: A modern geospatial approach to the geomorphological, hydrological and pedological analysis of lacustrine basins using LiDAR measurements. Case studies: Belci and Antohești lakes, Romania].*

35. 08 December 2023 – **Annual Scientific Communications Session "Geographical Research in the Anthropocene"**, Institute of Geography of the Romanian Academy, paper: ***Niacșu, L.,*** *Ravenarea în România sub impactul schimbărilor climatice și al modificărilor antropice asupra mediului și societății, [en: Gullying in Romania under the impact of climate change and anthropogenic changes affecting the environment and society].*

36. 12-13 December 2024 – **Ready for EUROPE Conference – RARE 2024, 1st Edition**, "Recent Advances in Natural Sciences Yield the Future for the European Citizens and Society", organized by RECENT AIR – Research Center with Integrated Techniques for the Investigation of Atmospheric Aerosols in Romania, "Al. I. Cuza" University of Iaşi, paper: *Codru, I.C., Niacsu, L., Enea, A., Boicu, D., Loghin, A.A., Minea, I. - Modern techniques for assessing land degradation in the Jijia Hills, Moldavian Plateau.*

37. 03-04 October 2025 – **Ready for EUROPE Conference – RARE 2025**, 2nd Edition, "Recent Advances in Natural Sciences Yield the Future for the European Citizens and Society", organized by RECENT AIR – Research Center with Integrated Techniques for the Investigation of Atmospheric Aerosols in Romania, Prof. Dr. Ioan Borcea Marine Biological Station, Agigea, Constanța, Romania, paper:
- Arsene, C., Olariu, R.I., Niacsu, L., Baltag, E.S. - Development of Lifelong Learning Programs within the RECENT AIR Center: from Models to a Real STEM Curricula
- Niacsu, L., Codru, I.C., Boicu, D., Enea, A., Baltag, M. – Non-Invasive Techniques Provided by RECENT-AIR Platform for Interdisciplinary Research of Water/Soil/Land Resources. Case studies from Eastern Romania.

- Codru, I.C., Enea, A., Niacsu, L., - Inventory and Distribution of Gullies in the Moldavian Plateau
- Enea, A., Niacsu, L., Codru, I.C. - The Drone, as a Core Instrument in Modern Geospatial Research

ANNEX 3
LIST OF SCIENTIFIC RESEARCH CONTRACTS /
PROJECTS FUNDED THROUGH STRUCTURAL FUNDS AND GRANT SCHEMES

1. Scientific research contracts

Project Director / Project Coordinator -				
International				
No.	**Project title and identification data**	**Period**	**Amount**	**No. of members**
1.	"European Soil Erosion Monitoring and Modelling Network for Sustainable Agricultural Land Management" (EUROSION) – International project funded by the European Commission under Call: HORIZON-MISS-2024-SOIL-01, Topic: HORIZON-MISS-2024-SOIL-01-03, Type of Action: HORIZON-RIA, Project no. 101218843, Coordinator: Dr. Coen Ritsema, Wageningen University, the Netherlands. **UAIC Coordinator: Associate Professor Lilian Niacșu**, **PhD**, Faculty of Geography and Geology, Department of Geography, 2025–2030.	2025-2030	11,493,730.51 Euro 23 partners 369,750Euro (UAIC)	7 (UAIC)
2.	"Improving Efficiency in Water and Soil Management" (RER5028) – International project funded by the International Atomic Energy Agency (IAEA), Vienna, Austria. Project Director (Lead Project Coordinator): Dr. Romulus Mărgineanu, IFIN-HH Măgurele / Research Station for Viticulture and Oenology Murfatlar. **UAIC Coordinator: Associate Professor Lilian Niacșu, PhD**, Faculty of Geography and Geology, Department of Geography / Research Station for Physical-Geographical Studies and Environmental Quality Monitoring – Mădârjac.	2022-2025	1,023,675.00 Euro 4 partners 42,000Euro (UAIC)	5 (UAIC)
National				
1.	"*Rețea europeană de monitorizare și modelare a eroziunii solului pentru gestionarea durabilă a terenurilor agricole*", Project no. 159PH /2026, National project funded by the UEFISCDI under Call PN-IV-P8-8.1-PRE-HE-ORG-2025-0389, **project director.**	2026-2028	129.360 Lei	2 (UAIC)
2.	„*Utilizarea terenurilor din bazinul Pereschivului (Colinele Tutovei) între realităţile complexului pedo-geomorfologic şi necesităţile actuale ale comunităţilor locale*" [en: Land use in the Pereschiv Basin (Tutova Hills) between the realities of the pedo-geomorphological complex and the current needs of local communities] – CNCSIS contract no. 462/2006, **project director.**	2006-2008	60.000Lei	1 (UAIC)
Collaboration				
International				
1.	*CORINE Land Cover 2006 – International grant funded by the European Environment Agency (EEA) and contracted by the National Institute for Research and Development "Delta Dunării", project director Eng. Jenica Hanganu, photointerpretation of work units*: *L-34-83 (A,B,C,D), L-34-84 (A,B,C,D), L-34-95 (A,B,C,D)* şi *L-34-96 (A,B,C,D)*	2006	254.000Euro	15
2.	*Implementarea de măsuri active de conservare pe teritoriul sitului Natura 2000 ROSCI0073 Dunele marine de la Agigea și a ariei naturale protejate de interes național Dunele Marine de la Agigea – cod 2.366, [en: Implementation of active conservation measures in the Natura 2000 site ROSCI0073 Agigea Marine Dunes and the nationally protected natural area Agigea Marine Dunes – code 2.366], MySMIS 2014 code: 152393, Contract no. 1396/27.04.2022, project funded through the Large Infrastructure Operational Programme 2014–2020, Priority Axis 4 – Environmental protection through biodiversity conservation measures, air quality monitoring and decontamination of historically polluted sites, 4.1 Increasing the level of biodiversity protection and conservation and restoring degraded ecosystems, implemented within "Alexandru Ioan Cuza" University of Iași. Position within the project: Soil Science Expert.*	01.07.2022-31.12.2023	6.455.138,37 lei	30
3.	Platform for Helping Small and Medium Farmers to Incorporate Digital Technology for Equal Opportunities (PHITO) – European Union's Horizon 2022 Research and Innovation Programme under Grant Agreement ID: 101084332. Partner coordinator at "Alexandru Ioan Cuza" University of Iași: Associate Professor Mihai Ciprian Mărgărint, PhD.	2023-2026	219 250 euro	4 (UAIC)
National				
1.	*Patrimoniul pedologic al Carpatilor Orientali şi evoluţia acestuia prin exploatare silvo-pastorală*, [en: The pedological heritage of the Eastern	2005- 2007	150.000 (UAIC)	16 (UAIC)

	Carpathians and its evolution through silvo-pastoral exploitation], CNCSIS contract 1471/2004, project director Prof. Constantin Rusu, PhD.			
2.	*Cercetari privind ritmul de* sedimentare recenta din bazine hidrografice mici in Podisul Barladului, [en: Research on the rate of recent sedimentation in small drainage basins in the Bârlad Plateau], CNCSIS contract, theme no. 13, code 1171/2005, project director Prof. I. Ioniță, PhD.	2006-2008	138000 (UAIC)	8 (UAIC)
3.	*Impactul lacurilor de acumulare asupra mediului, [en: The impact of reservoirs on the environment]*, CEEX contract 724/2006, code MEdC 2068/2006, project director Prof. Eng. Ion Giurmă, PhD, "Gheorghe Asachi" Technical University of Iași.	2006-2008	50.000 (UAIC)	5 (UAIC)
4.	*Impactul riscurilor hidro-climatice şi pedo-geomorfologice asupra mediului în bazinul Bârladului*, [en: The impact of hydro-climatic and pedo-geomorphological hazards on the environment in the Bârlad Basin], CEEX contract 756/2006, code MedC 3391, project director Prof. Constantin Rusu, PhD.	2006-2008	1.000.000 (UAIC)	25 (UAIC)
5.	*Produse şi tehnologii pentru promovarea unui sistem de agricultură durabilă şi pentru protecţia resurselor agroecologice în Podişul Moldovei*, [en: Products and technologies for promoting a sustainable agricultural system and for the protection of agroecological resources in the Moldavian Plateau], CEEX contract, code MEdC 1895/2006, project director Ailincăi Costică, Agricultural Research Station Podu Iloaiei, UAIC project coordinator: Prof. Eng. Ion Ioniţă, PhD.	2006-2008	200.000 (UAIC)	6 (UAIC)
6.	*Complex landslide monitoring system using transducers based on new materials and technologies - LANDSLIDE, within the Partnerships Programme, subprogramme "Collaborative Applied Research Projects", coordinating institution: "Gheorghe Asachi" Technical University of Iași, project director: Prof. Eng. Zet Cristian, PhD, UAIC project coordinator: Prof. Eng. Ion Ioniţă, PhD.*	2012-2016	300.000 Lei (UAIC)	5 (UAIC)

2. Projects funded through structural funds and grant schemes

Coordination				
1	*"Studiu privind eroziunea şi sedimentarea în bazinul Bârladului", [en: Study on erosion and sedimentation in the Bârlad Basin], postdoctoral research grant funded within POSDRU/89/1.5/S/49944 - „Dezvoltarea capacităţii de inovare si cresterea impactului cercetării prin programe post-doctorale", [en: Development of innovation capacity and increasing the impact of research through postdoctoral programmes],* Beneficiary: "Alexandru Ioan Cuza" University of Iaşi.	2010-2013	140000lei (36000euro)	1
Collaboration				
International				
1.	*COST Action ES1306: Connecting European Connectivity Research, Management Committee Substitute Member (MC Substitute) within the Action Management Committee, http://www.cost.eu/COST_Actions/essem/Actions/ES1306?management*	2014-prezent		
2.	*COST Action 17131: The Soil Science & Archaeo-Geophysics Alliance: Going Beyond Prospection (*oc-2017-1-22383 - rank: 21 - mark: 60)	2018-prezent		
3.	*EUROPEAN SOCIAL FUND, Human Capital Operational Programme 2014–2020, „Doctoranzi şi cercetători postdoctorat pregătiţi pentru piaţa muncii!",* [en: PhD students and postdoctoral researchers prepared for the labour market!], *, Project code: POCU/380/6/13/123623, "Alexandru Ioan Cuza" University of Iași, Project Director: Prof. Liviu George Maha, PhD.*	24.05.2019 - 23.12.2020	6.877.908,86 lei	59 members
4.	*Competitiveness Operational Programme POC 2014–2020/448/1/1/Large RDI Infrastructures / Priority Axis 1 / Investment Priority 1a / „Centru de cercetare cu tehnici integrate pentru investigarea aerosolilor atmosferici în România (RecentAIR)"[en: Research Center with Integrated Techniques for the Investigation of Atmospheric Aerosols in Romania (RecentAIR)], MySMIS code: 127324, Contract no. 322/04.09.2020, "Alexandru Ioan Cuza" University of Iași, Project Director: Prof. habil. Cecilia Arsene, PhD.*	04.09.2020 - 03.09.2023	89.490.216,60 lei	27 members
National				
1.	*Proiect privind Învățământul Secundar (ROSE), non-competitive grant scheme for universities, sub-project "Devino absolvent al Facultății de Geografie și Geologie din Iași – GeoDA"[en: Become a graduate of the Faculty of Geography and Geology of Iași – GeoDA] – AG 31/SGU/NC/I, funded by the World Bank, implementation period 2017–2020, Faculty of Geography and Geology, UAIC, Grant Coordinator: Lecturer Alexandru Bănică, PhD.*	2017-2020	678119 (UAIC) 3 years	20 (UAIC) 5+15

3. Third-party funded projects

Collaboration				
International				
National				
1.	*„Elaborarea Masterplanului de Turism al Județului Neamț", no. 1444/27.01.2020, funded by Neamț County Council and implemented by "Alexandru Ioan Cuza" University of Iași (Faculty of Geography and Geology), project director Lecturer Mihai Bulai, PhD [en: Development of the Tourism Master Plan for Neamț County]*	*January – July 2020*	*114.240 lei*	8 members