

## 1. Curriculum vitae

Europass

### Personal Information

Name / Surname: RUSU Eugen

Address: Str.Vasile A. Urechia , nr.52, ap 1.,Iasi, Romania

Telephone: + 40 232 201 482

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E-mail: ruseug552003@yahoo.fr

Nationality: Romanian

Date of birth: 20.06.1955

Male

Work place / Occupational domain: "Alexandru Ioan Cuza" University Iași, Faculty of Geography and Geology,

Department of Geography

Professor of universities

Period March 29, 2004 - present,

at the Department of Physical Geography, Department of Geography, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iasi

Romanian Academy - Iași Branch, Geography Collective,

October 01, 2007 - present, Romanian Academy, Iasi Branch, Geography Collective

Scientific researcher - half time.

### Professional experience

Position or position occupied: Professor of universities, researcher (CSI)– half time

#### Main activities and responsibilities

1. Teaching activities: Physical geography, Regional geography

2. Research activities in the Department of Geography, including CNCISIS, CEEX research contracts

Name and address of the employer

1. "Alexandru Ioan Cuza" University Iași, Bd. CAROL I, Nr. 20A, 700505, Iasi

2. Romanian Academy - Iași Branch, Geography Collective

Type of activity or sector of activity: Higher education, Postgraduate studies, Scientific research

Period 1999-2004

Occupation or position occupied: University lecturer

Main activities and responsibilities: 1. Teaching activities: Physical geography, Regional geography

Research activities in the Department of Geography, including through CNCISIS research contracts

Name and address of the employer "Alexandru Ioan Cuza" University Iasi, CAROL I Boulevard, Nr. 20A, 700505, Iasi

**Type of activity or sector of activity:** Higher education, Postgraduate studies, Scientific research

Period 1996 - 1999

Position or position occupied University lecturer

Main activities and responsibilities 1. Teaching activities: Physical geography, Regional geography

Research activities in the Department of Geography, including through CNCIS research contracts  
Name and address of the employer Romanian Academy, Iași Branch, Geography Collective, Carol I Boulevard, no. 8, Iasi

"Alexandru Ioan Cuza" University of Iasi, CAROL I Boulevard, Nr. 20A, 700505, Iasi

Period 1990 - 1996

Occupation or position held Scientific researcher / Associate university lecturer

Main activities and responsibilities 2. Teaching activities: Physical geography, Regional geography

Research activities in the Department of Geography and the Geography Collective at the Iași Branch, the Romanian Academy, including through CNCIS research contracts

Name and address of employer Romanian Academy, Iasi Branch / "Alexandru Ioan Cuza" University Iasi, CAROL I Boulevard, Nr. 20A, 700505, Iasi

Period 1981 - 1990

Position or position held: Teacher

Main activities and responsibilities 3. Teaching activities: geography of secondary education

Name and address of employer Scoala with classes I-VIII no. 2 Moinești, Bacău County

Type of business or sector

Pre-university education

### **Native language: Romanian**

### **Foreign language known**

Understanding Speaking Writing

European level: Listen Reading Participation in the conversation Oral speech Written expression

French C2 Experienced user C2 Experienced user C2 Experienced user C2 Experienced user

English A1 Introductory user B1 User Basic A1 Introductory user A1 Introductory user

(\*) Level of the Common European Framework of Reference for Foreign Languages

**Areas of competence:** physical geography, pedogeomorphology, regional geography

### **Membership in international and national scientific societies**

1. Member of the UNESCO Chair "Culture et Traditions du vin" Université de Bourgogne, Dijon. France
2. Vice President of the Geography Society of Romania since 2009
3. Member of the Association of Geomorphologists of Romania
4. Member of the Romanian National Society for Soil Science
5. Member of the Foundation for the Protection and Conservation of Soil "N. Bucur "
6. Member of the Romanian Association of Teachers of French
7. Member in BEX of the Iasi Branch of the SGR of 2017

Published scientific papers

**(Annex 1) 1. Books in academic publishers: 11 (eleven - 2 abroad), of which 7 (seven) as sole author and 4 (four) in collaboration**

**2. Published scientific articles: 85, of which 63 as single author or first author. Articles published in the form of an abstract abroad: 15**

**Book chapters:**

3, of which 1 abroad.

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

Over 150 scientific papers presented, of which 25 abroad (France, Canada, Hungary, New Zealand, Greece, Bulgaria, Macedonia) and the rest in the country.

**Scientific research contracts**

(Annex 3)

Director of two research contracts and collaborator on 10 other research contracts aimed at, the analysis of the pedological heritage of the Eastern Carpathians, the analysis of the geomorphological and pedo-climatic risks, etc.

Quotes in the specialized literature

Over 150 citations of own contributions, in specialized books or scientific publications.

**Didactic activity Courses and seminars held**

- 1) Geography of Africa (course and seminars)
- 2) Geography of Asia and Australia (course and seminars)
- 3) Climatology à des elements of meteorology (course and seminars) -in French.
- 4) Géographie des sols à des élément de pédologie (course and seminars) -in French.
- 5) Géographie d 'Europe (course and seminars) - in French.
- 6) The natural potential of the Aegean - Mediterranean area (course and seminars) at the Master of Aegean - Mediterranean Studies.
- 7) Soil mapping (course and seminars) at the Soil Science Master.
- 8) Current problems of the Mediterranean environment (course and seminars) at the Master of Egeo-Mediterranean Studies.
- 9) The geography of the natural environments of the globe (course).
- 10) Geography of intertropical environments (course)
- 11) Anthropic risk assessment (course and seminars).
- 12) Regions and regionalization within the European Union (course and seminars.
13. Régions and regionalization in the space of the European Union (cours et TD) -in French
14. Geography of the non-European continents (course and seminars)
15. Arrangement of forest areas (course and seminars)
16. Valorisation touristique des espaces montagneuses by alternative tourism -in French, course
17. Géographie des milieux naturels du globe -in French (course and seminars).
18. Pédogéographie -in French (course and seminars).

**Guidance for undergraduate / dissertation papers**

Coordination of over 150 bachelor's degrees, starting in 1996 and more than 60 dissertation papers starting in 2000

Practical student applications

- Over 30 student applications and specialized practices, coordinated between 1995-2012, especially in the mountain area of Romania, but also in the extra-Carpathian and intra-Carpathian geographical units
- LLP Erasmus practice tutor over 200 students between 2008 and 2011

### **Additional information**

Doctoral supervisor - conformable OM 479 / 05.03.2007,

2020: 4 theses in the internship, 8 theses publicly presented, 1 doctorate in progress in co-operation with Université de Bourgogne Dijon, France

Theses supported by obtaining the title of doctor in Geography under my supervision.

1. Damian Lăcăramioara
2. Coman Dana
3. Șerban Lucian
4. Plescan Sergiu
5. Piticar Mihai
6. Brodner Alina Daniela
7. Balan Mihai Gabriel
8. Bobric Elena Diana

- **Invited professor at LAVAL University, Quebec, Canada, sem. II, 2004-2005, teaching the course Geography of Europe**

- **Competences in the field of adult vocational training:**

- **Training activities for geography teachers from the Republic of Moldova 1998-1999 (EuroEd)**

- **Chancellor of the Faculty of Geography and Geology (2004 - 2008)**

- **Member of the Senate Univ. "Al.I.Cuza" Iași (2006 - 2008)**

- **Member of the Scientific Council of the University "Al. I. Cuza" Iasi 2006-2008**

- **Expert of CNCSIS - 2004-2008**

- **Member of the Editorial board for the journal "Factors and pedogenetic processes in the temperate zone"**

- **Member of the organizing committee for the Symposium "Factors and pedogenetic processes in the temperate zone" (29 editions)**

- **Member of the scientific committee of the Colloque International "Heritage and valorization of the territories of the vine and wine", 5,6,7 November, 2015, Thira, Santorini, Grèce.**

## **LIST OF PUBLISHED SCIENTIFIC WORKS**

### **Books and chapters of published books**

#### **A. PhD thesis**

1 Rusu E. - Bîrgăului Mountains - physical-geographic study, "Al.I.Cuza" University Publishing House, Iași, 1999. (print 200 copies).

#### **B. 1. Books published abroad:**

1. Natalia Odoleanu, Eugen Rusu - Geografija materikov i okeanov - ucebnik dlia 6 classa, Izdatelistvo ARC, Kisineu, 2001. (draw 65000 exempare)

2. Nicolae Boboc, 2. Natalia Odoleanu, Eugen Rusu - Geografija materikov i okeanov - Ucebnik dlia 7 classa, Izdatelistvo ARC, Kisineu, 2002 (print 65,000 copies)

#### **2 . Chapters of books published abroad:**

Rusu E. - "Refuge forest and monastic settlements in the Middle Ages in the Carpathians of Moldova during the reign of Stephen the Great", in "Refuge forest", Harmattan Ed., Paris, France, 2018, pp. 11-25 , ISBN: 978-2-343-13863-3

#### **B. 2. Books published in Romania**

1. Hârjoabă I., Rusu E. - Geography of the continents - Africa, Didactic and Pedagogical Publishing House R.A., Bucharest, 1995, (print 1500 copies).

2. Rusu E. - Geography of continents - Australia and Oceania, Didactic and Pedagogical Publishing House R.A., Bucharest, 1999, (1200 copies printed).

3. Rusu E. - Geography of the continents - Asia and Australia (lecture notes, IDD), "Al. I. Cuza" University Publishing House, Iasi, 2002 (150 copies).

4. Rusu E. - Geography of the continents - Africa (course notes, IDD). "Al.I.Cuza" University Publishing House Iasi, 2003. (150 copies printed)

5. Rusu E. - Geography of the Continents - Asia, Didactic and Pedagogical Publishing House, R.A., Bucharest, 2003. (print 1000 copies)

6. Marin I. Rusu E., Geography of the non-European continents, Bucharest University Publishing House, 2007. (print 500 copies)

7. Rusu E. - Geography of the continents - Africa, 2nd edition, Didactic and Pedagogical Publishing House, R.A., Bucharest, 2008. (print 1000 copies).

8. Rusu E. - Geography of forests, Al.I.Cuza Iași University Ed., 2012 (160 copies)

#### **B.3. Chapters of books**

1. Rusu E.- The influence of vegetation on the changes of some types of humus forest in the temperate zone - Studies and researches in geostructures, Iasi, 2016

2. Rusu E, Bobric Elena - Diana "Recent dynamics (after 1989) of forest areas in Romania" in "Studies and researches in Geosciences" 2018

3. 1. Rusu E., Patrichi C.V., Pârnaș R.G., Roșca B. – Fenomene recente de uscare a unor areale din pădurile de conifere din Munții Carpați, Studii și cercetări în geostiințe, Ed. Univ. Al.I. Cuza din Iași, Iași, 2020.

#### Scientific articles in ISI indexed journals and proceedings

1. Nangah KY, Anguy KTP, Kouakou Y., K., N., Rusu E., Yao-Kouame A., Savane Y - Contents of metal trace elements (ETM) in some manganiferous soils derived from volcano-sedimentary materials in Côte d'Ivoire - International Journal of Innovation and Applied Studies  
ISSN 2028-9324 Vol. 2 No. 4 Apr. 2013, pp. 372-383.

2. Alina Daniela COJINOVSCI, Eugen RUSU – Analysis of the dynamics of the forest Surfaces in the county of Iasi between 1990 and 2012 „Present environment and sustainable development”, Vol.8, no.2 /2014, Iași. [http://pesd.ro/articole/nr.8/nr.2/10432%20-%20Volume8\\_issue\\_2%2006\\_paper.pdf](http://pesd.ro/articole/nr.8/nr.2/10432%20-%20Volume8_issue_2%2006_paper.pdf)

3. Niculiță M., Balan MG., Andrei A., Rusu E. - Digital soil mapping in a montaneous area with mixed land use (Humor catchment - Eastern Carpathian Mountains, Romania) using soil-landscape system fuzzy logic and environmental covariates, Environmental Engineering Management Journal, april 2017, vol 16, nr.4, (Impact Factor 1,065) <http://www.ecozone.ro/reviste.php?revista=21&volum=63&numar=215>

4. Assan GNOUMOU, Eugen RUSU, Adouabou Basile and Adjima Thiombiano - Spatial and temporal dynamics of the vegetation of Comoe-Leraba Reserve and surrounding lands (Burkina Faso, West Africa), ESDP Iasi, 2015. in press in Vol. 10, no .1 / 2016

5. Alina Daniela Cojinovschi, Rusu E. - Recent changes in the spatial distribution of forests with the main protection function in Iasi County. ESDP 2015. in Vol. 10, no.1 / 2016

6 Piticar T. M., Rusu E - Recent structural developments in the lowland basin forests of the Moldova river between Sadova and Prisaca Dornei, "Present environment and sustainable development", Vol.9, no.1 / 2015, Iasi

7. Rusu E., Balan M.G., Profir Oana, Bobric Elena Diana - Influence of recent land use change on total organic carbon stock in Humor river basin, in Environmental Engineering Management Journal, February 2019, Vol.18, No. 2, 479-489 (Impact Factor 1,065)

<http://www.ecozone.ro/reviste.php?revista=21&volum=61&numar=192>

8 Bobric Elena Diana, Rusu E., Breabă Ana Ioana - Effect of land use change on organic carbon stock in Neamțu River Basin after 1990. Geobalcanica 2016, 2nd International Scientific Conference, June 10-12, Skopje, Republic of Macedonia

9 Bobric Elena Diana, Breaban Iuliana Gabriela, Rusu E. - A comparison of organic soil, carbon stocks in pastoral, cropland and forest soil, 17th International Multidisciplinary Scientific GeoConference, SGEM, Albena, 2017

10. Breaban Iuliana Gabriela, Bobric Elena Diana, Rusu E, Secu C.V. - Soil Organic Matter Assessment from Neamtu Catchment Soil through Various Organic Carbon Methods 17th International Multidisciplinary Scientific GeoConference, SGEM, Albena, 2017.

11. Ana-Ioana Breaban, Elena-Diana Bobric, Iuliana-Gabriela Breaban, Rusu E. - Mapping soil organic carbon stock in the area of Neamtu Catchment, Northeastern Romania, Geophysical Research Abstracts Vol 19, EGU 2017-18865, 2017, EGU General Assembly 2017

12. E.D. Bobric, Rusu E., N. Melniciuc-Puica, I.G.Breaban - Investigation of carbon content from Neamtu catchment soils using FTIR Spectroscopy, Journal of Environmental Protection and Ecology 19, No 1, 288–299 (2018)

13 Rusu E. – Forêt refuge et implantations monastiques au Moyen Age dans les Carpates de la Moldavie pendant le règne d'Etienne le Grand, Colloque „Forêt refuge”, 21-23 septembre 2016, Versailles, France

14 Bobric E. D., Rusu E., Melniciuc-Puica N., Breabăn I. G - “Correlation between soil organic carbon variation and land use changes in Neamțu catchment “ EGU General Assembly Conference Abstracts 19, 2019

### **C. Scientific articles in international journals indexed in BDI**

1. Rusu E. - Particularities of soil distribution in western Bârgăului Mountains, Vol. III. Works. Simp. "Pedogenetic factors and processes in the temperate zone", Univ. "Al.I.Cuza", Iasi, 1991.
2. Rusu E. - Mechanisms of the clayey process. Vol.I. Works. Symp. "Pedogenetic factors and processes in the temperate zone", Univ. "Al.I.Cuza", Iasi, 1992
3. Rusu E. - Considerations on the paleogeographic evolution of Monts de Bârgău. Anal. Del. Univ. "Al.I.Cuza" Iasi, volume XXXIX s.II. c. Geography 1992-1993.
4. Rusu E. - The landslide of Zemeș, Bacau Dep., June 1992, Anal. Del. Univ. "Al.I.Cuza", volume XXXIX, s.II. c. Geography, 1992-1993, Iasi.
5. Rusu E. - Soil chains in the Bârgăului Mountains. Lucr.Sem. "D. Cantemir", no. 11-12, Iasi, 1995.
6. Ștefan N., Rusu E., Rusu C. - Phyto-pedological topo-sequences in the Maramureș Mountains, Vol.II, Lucr. Simp. "Pedogenetic factors and processes in the temperate zone", "Al.I.Cuza" Univ., Iasi, 1996.
7. Rusu E. - Ilva Valley - Geomorphological Survey, Anal. Del. Univ. "Al.I.Cuza", Tom XLII - XLIII, s. II. c. Geography, Iasi, 1997
8. Rusu E. - Litho-pedological reports in the Bârgăului Mountains, in Lucr. Sem. "D. Cantemir", no. 13-14, Iasi, 1998.
9. Rusu E. - A peculiarity of the distribution of the Andosols of the Bârgău Mountains, Analele Șt. of the University "Al.I.Cuza" Iasi, volume XXXIV, 1998.
10. Rusu E. - Considerations on the vegetation of the Bârgăului Mountains, Vol. IV, Lucr. Simp. "Factors and pedogenetic processes in the temperate zone, Ed. Univ." Al.I.Cuza. ", Iasi, 1998.
11. Rusu E. - Considerations on the atmospheric precipitation in Bîrgăului Mountains, Lucr. Sem. "D. Cantemir", no. 17-18, Iasi, 1998.
12. Rusu E. - The relief of embryonic volcanism in the northern eastern Carpathians, An. Del. Univ. "Al.I.Cuza" Iasi, Volume XXXIV, Iasi, 1998.
13. Rusu E. - Tunisia - "the little dragon of the Maghreb" An. Del. "Al.I.Cuza" Univ. Iasi, Volume XXXVI, Iasi, 2003.
14. Rusu E., Lupașcu Gh. - A new system of soil classification - French reference, Lucr. Sem. "D. Cantemir", no. 11-12, 1995, Iasi.
15. Rusu E., Bojoi I., Cristina Ignat, Alina Popa, Rusu C. - Morphodynamics of the geographical landscape from the northern part of the Moldavian Plain, in Lucr. Sem. "D. Cantemir" no. 17-18, Iasi, 1998.

16. Rusu E. - The meteorological impact relief of Quebec, *Studia Universitaris*, Cluj Napoca, 2005.
13. Ștefan N., Rusu E., Lupascu Gh., Rusu C. - Phytogeographic correlations in Bărgăului Mountains, *Lucr. Sem. "D. Cantemir"*, no. 11-12, Iasi, 1992.
17. Cazacu V., Lupașcu Gh., Rusu E. - Dynamics of the relationships between alteration and pedogenetic processes on crystalline rocks, *Lucr. Sem. "D. Cantemir"*, no. 11-12, Iasi, 1995.
18. Mărgărint M.C., Rusu E., - Morphometric considerations on drainage systems of the Tarcău watershed (Oriental Carpathians), *An. Del. Univ. "Al.I.Cuza" Iași*, volume XXXV, 1999.
19. Rusu C., Mărgărint M.C. Secu C., Rusu E. - Pedagogical peculiarities in the northern half of the Jijia hilly plain, *An. Del. Univ. "Al.I.Cuza"*, volume XXXV, Iasi, 1999.
20. Rusu E., Rusu C. - Particularities of the genesis and distribution of soils on the northern façade of the Rodnei Mountains, *Lucr. Sem. "D. Cantemir"*, Iasi, 2002.
21. Rusu C, Mărgărint M.C., Rusu E. - Observations on the recent dynamics of the relief in the Cuiejdol river basin (Stnișora Mountains). Implications for the hydrogeomorphological complex Lacul Crucii, *Geomorphology Magazine*, Bucharest, Ed, Corinth, 2002.
22. Rusu C., E. Rusu, Iuliana Gabriela Breabăn, D. Fiscutean, 2003, Soils in the Giurgeului Mountains, *Works of the "Dimitrie Cantemir" Geographical Seminar* no. 23-24, 2003.
23. Rusu C., Rusu E, Left I.C., Fiscutean D. - Pedagogical considerations on the Oas - Ignis mountain range, "Pedagogical factors and processes in the temperate zone", ed. XIVa, Iasi, 28 - 31 October 2004
24. Rusu E. - Aproche géographique sur les andosols, Pedogenetic factors and processes in the temperate zone, vol 4, new series, Ed. Univ. «A.I. Cuza »Iasi, 2005.
25. Rusu E. - A litho-pedological topo-sequence on the northern slope of the Motagnes Călimani, «Factors and geomorphological processes in the temperate zone», Edit. Univ. Al. I. Cuza Iasi, 2006.
26. Rusu C., Rusu E., Left I.C., Vasiliniuc I. - The soils of the Gutâi - Văratec Mountains, «Factors and geomorphological processes in the temperate zone», Edit. Univ. Al. I. Cuza Iasi, 2006.
27. Rusu C., Rusu E., Vasiliniuc I. - The Soils of the Țibleș Mountains, «Factors and geomorphological processes in the temperate zone», Edit. Univ. Al. I. Cuza Iasi, 2006.
28. Rusu E., - The Mediterranean geomorphological space - diversity and contrasts, *Scientific Annals of the Univ. Al. I. Cuza Iasi*, Tom LII, 2nd c., Iasi, 2006.
29. Rusu E. - The particularities of the atmospheric circulation of the Mediterranean area, the Works of the "Dimitrie Cantemir" Geographical Seminar no. 27, 2006
30. Rusu C, Rusu E, Iulian Catalin Stanga, Lilian Niacsu, Ionut Vasiliniuc, Bogdan Rosca (2006) - The pedagogical envelope of the volcanic mountains in the northern part of the Eastern Carpathians *Scientific works - vol. 49, the series Agronomy*, Ed. "Ion Ionescu from Brad "Iasi, ISSN 1454-7414
31. Rusu E – Le rechauffement climatique - une actualite disputee. *Analele științifice ale Univ. Al.I.Cuza Iasi, geografie*, Tom I.III. s. II, 2007
32. Rusu E. - Resursele de sol ale Regiunii de Nord-Est – A XIX-a Conferință Națională pentru Știința solului, vol II, Ed. „Ion Ionescu de la Brad”, Iași, 2009.
34. Rusu E. - Le tourisme de la Nouvelle Zélande face à la crise, *Lucr. Sem. Geografic „D. Cantemir, Iași*, 2009.
35. Rusu E. - Le volcanisme et le système géothermale de l'île du Nord de la Nouvelle Zélande, *Lucr. Sem. Geografic „D. Cantemir, Iași*, 2009.

36. Moca V, Rusu E - Regiunea de Nord Est, Cadrul natural, aspecte generale, A XIX-a Conferință Națională pentru Știința solului, vol I, Ed. „Ion Ionescu de la Brad”, Iași, 2009
37. Rusu E. - Dinamica recentă a râului Cujejel în zona Lacului Crucii, Geografia în contextul dezvoltării contemporane, Cluj Napoca, 2010
38. Rusu E. - Aproche géodémographique sur la population maori de la Nouvelle Zélande, Analele științifice ale Univ. Al.I.Cuza Iasi, geografie, s. II, 2010
39. Rusu E. -La foret - espace multiprotecteur Lucr. Sem. Geografic „D. Cantemir, Iași, 2010
40. Rusu E. - Current trends of development of forest areas to protect soil and water at global and regional level în Lucrările Seminarului geografic “D. Cantemir”, s.II, No. 32/2011, 2011, Iași.  
<http://www.seminarcantemir.uaic.ro/index.php/cantemir/article/view/842/822>
41. Rusu E. - Current trends of forest areas designed to protect biodiversity at global and regional in „Present environment and sustainable development”, Vol. 6, no.1/2012, 2012, Iași  
<http://pesd.ro/articole/nr.6/14CTFADPBGR02062012127144.pdf>
42. Kpoumie Amidou, Ndam Ngoupayou Jules Rémy, Rusu Eugen, Sfică Lucian, Ichim Pavel, Ekodeck Georges Emmanuel- Spatiotemporal evolution of Rainfall regimes in the Sanaga Basin-Cameroon in the context of a climatic water deficit, in „Present environment and sustainable development”, Vol. 6, no.2/2012, 2012, Iași <http://pesd.ro/articole/nr.6/2/06SEORRITSBCIADC151020125568.pdf>
43. Rusu E. - Recent trend of evolution of carbon stock of forest ecosystems at regional and global, „Present environment and sustainable development”, Vol. 7, no.1/2013, 2013, Iași.  
<http://pesd.ro/articole/nr.7/PESDVOL7NR12013/08TCSOTSOCIFEARAG2705201387100.pdf>
44. Rusu E. - Influence of the land use on some properties of soil in C-lung Moldovenesc depression basin, “Factori și procese pedogenetice din zona temperată”, 2013, Iasi. Vol. 12, no. 2 / 2013  
<http://factori.soilscience.ro/index.php/fspdzt/article/view/503>
45. Rusu E. Piticar T. M. - Dynamic of cambisols fertility indicators on some soils profiles in C-lung Moldovenesc depression basin, “Factori și procese pedogenetice din zona temperată”, 2013, Iasi.
46. Rusu E., Cojinovschi Alina Daniela - Structural Dynamics in Romanian forests after 1990, „Present environment and sustainable development”, Vol.8, no.1 /2014 2014, Iași  
[http://pesd.ro/articole/nr.8/nr.1/10432-Volume8\\_issue\\_1%2002\\_paper.pdf](http://pesd.ro/articole/nr.8/nr.1/10432-Volume8_issue_1%2002_paper.pdf)
47. Alina Daniela COJINOVACHI, Eugen RUSU – Analysis of the dynamics of the forest Surfaces in the county of Iasi between 1990 and 2012 „Present environment and sustainable development”, Vol.8, no.2 /2014, Iași. [http://pesd.ro/articole/nr.8/nr.2/10432%20-%20Volume8\\_issue\\_2%2006\\_paper.pdf](http://pesd.ro/articole/nr.8/nr.2/10432%20-%20Volume8_issue_2%2006_paper.pdf)
48. Piticar T. M., Rusu E - Recent structural evolutions in the forests of lowland basin of Moldova river between Sadova and Prisaca Dornei, „Present environment and sustainable development”, Vol.9, no.1 /2014, 2014, Iași <http://pesd.ro/articole/nr.9/nr.1/15.pdf>
49. Piticar T. M., Rusu E - Some features of land use in the basin depression of Moldavia between Sadova and Prisaca Dornei - “Factori și procese pedogenetice din zona temperată”, 2014, Iasi. Vol. 13, no. 1/ 2014 <http://factori.soilscience.ro/index.php/fspdzt/article/view/514/428>
50. Nangah Krogba Yves, Kouakou Yao Kouman Nestor, Zro Bi Gohi Ferdinand, Rusu Eugen et Yao-Kouamé Albert. - Distribution et comportement des éléments traces métalliques dans les Cambisols manganésifères des sites volcano-sédimentaires de Côte d’Ivoire “Lucrările Seminarului „Dimitrie Cantemir”, 2016, Iași.

51. Cojinovschi A.,D., Rusu E., 2016 – Recent mutations in the spatial distribution of forests with the main functions of protection in the county of Iasi, PESD,vol 10, nr.1, 2016

**E. 1. Scientific articles published in foreign journals (not indexed to BDI)**

1. Rusu E., Petit-Jean Michel, - Study of the north and east slopes of the Ceahlau Massif, 5th International Campus of the Environment, I.U.P. 2-1, Spaces and environments, 1997
2. Enia F., Rusu E., - Noble vineyards, hybrid vines: the evolution of the grape harvest during the post-communist period in the North-East region of Romania, in Wine Territories, University of Burgundy, Dijon, France, 2017 (under print).

**E. 2. Scientific articles published in the volumes of scientific events and in magazines with other quotations**

1. Rusu E. - Bîrgăului Mountains - physical-geographic study, with special focus on soils, PhD thesis summary, Univ. Al.I Cuza, Iasi, 1999.
2. Rusu E. - Geographical particularities of the Bîrgăului Mountains, Guide to the trips of the often XVI National Conference for Soil Science, Suceava 2000.
3. Rusu C., Mărgărint MC, Rusu E., Boamfă I., - New areas of ecological interest in Moldova: Vînatu Forest Park - Neamt and Crucii Lake (Cuejdel catchment area), Terra, Year XXXI (LI) - vol 1-2, 2001, Bucharest.
4. Rusu E., Sfîcă L. - Recent climatic disturbances in the eastern part of Romania, Workshop Workshop, IRIS, Iasi, 2007.
5. L. Sfîcă, E. Rusu - Droughts and rains from summer 2007 - risk factors in Bârlad Basin. IRIS works, chap. III.9., Performantica Ed., Iasi, 2008.
6. L. Neacșu, C. Rusu, C.V. Patriche, I. C. Left, I. Vasiliniuc, E Rusu, - Analysis of soil cover and pedological risks, IRIS Papers, chap. V.9., Ed. Performantica Iași, 2008.
7. Rusu E. The geothermal system of the Rotorua District of New Zealand, Terra, Bucharest, 2009.

**D. 3. Articles published abroad in the form of an abstract**

1. Rusu E. - A peculiarity of the genesis and distribution of the Andosols of Monts de Bîrgău, The 16th World Soil Congress, Montpellier, France, Montpellier, 1998.
2. Rusu E. - Recent rainfall disturbance in the North-East Region of Romania, Symposium "Climate warming - what impacts on vineyards", UNESCO Chair Culture and Tradition of Wine, Dijon, France, 2007.
3. Rusu E. - Recent climatic disturbance in the East of Romania, International Festival of Geography, Saint Dié des Vosges, France 2007.
4. Rusu E. - 2007, the Year of extreme climatic disturbance in Romania, «2-end Australasian Hazards Management Conference, Wellington, New Zealand, 2008.
5. Rusu E. - Recent drying of some areas of coniferous forests from Romanian Carpathian Mountains. The 27th international biennial conference of the IUFRO Research Group 7.01 "Impacts of Air Pollution and Climate Change on Forest Ecosystems", Nice on June 2-5, 2015.

6. Rusu E., Bulgariu D., Rusu C. - The influence of humus properties on the acidity of wines from the main vineyards of the North-East region of Romania, WAC-2014, March 26-28, 2014 , Beaune, France
  7. Bulgariu D. Rusu C., Rusu E., Dulute C. - The dynamics of certain microelements (Cr, Mn, Zn, Cu) in soil-vine-wine systems. Case study: Averesti Vineyard (Vaslui Dep., Romania), WAC- 2014, March 26-28, 2014, Beaune, France.
  8. Rusu E. - Decomposition and recomposition of vine and wine territories. Example of the South-West Region of Romania (Oltenia); International Symposium "Heritage and Valorization of the Wine and Wine Territories", 5.6,7 November, 2015, Thira, Santorini, Greece.
  9. Bobric Elena Diana, Rusu E., Breabăn Iuliana Gabriela - Estimating carbon stocks in different conditions of land use, in the Neamțu catchment. Geobalcanica 2016, 2nd International Scientific Conference, June 10-12, Skopje, Republic of Macedonia.
  10. Bobric Elena Diana, Rusu E., Breabăn Ana Ioana - Effect of land use change on organic carbon stock in Neamțu River Basin after 1990. Geobalcanica 2016, 2nd International Scientific Conference, June 10-12, Skopje, Republic of Macedonia
  - 11 Bobric Elena Diana, Rusu E - The dynamics of forest surfaces between 1990-2012 for the River Basin Neamtu, International multidisciplinary scientific geoconferences SGEM, June 28 - July 6, 2016, Albena Co, Bulgaria
  - 12 Rusu E. - Refuge forest and monastic settlements in the Middle Ages in the Carpathians of Moldova during the reign of Stephen the Great, Symposium "Refuge forest", September 21-23, 2016, Versailles, France
  13. Bobric E. D., Rusu E., Melniciuc-Puica N., Breabăn I. G - "Correlation between soil organic carbon variation and land use changes in Neamțu catchment" EGU General Assembly Conference Abstracts 19, 2019
- E. 4. Anniversary or commemorative articles
1. Rusu E. - Professor Ion Marin - an exceptional geographical career, Papers of the session of scientific communications of the Faculty of Geography, Bucharest, 2005.

#### **Scientific events abroad**

1. Rusu E. - A peculiarity of the genesis and distribution of the Andosols from Monts de Bârgău, Romania, The 16th World Soil Congress, Montpellier, France, Montpellier, 1998.
2. Rusu E - Milieux naturels des Carpates - 2 conferences held at Universite Paris 1 Pantheon Sorbonne, 1999, Paris.
3. Rusu E - Espace géographique des Carpates - 2 conferences held at Universite Paris 1 Pantheon Sorbonne, Paris.
4. Rusu E. - Priority pedogenetic factors in andosolization - Lachamp Raphael International Environment Campus, France, 1996.
5. Rusu E.-Introduction to soil-to-field study - International Environment Campus, Saint Poncy, France, 1996.
6. Rusu E. - Particularities of Soil Mapping - International Environment Campus, Besse en Chandesse, France, 1996.

7. Rusu E. - Magic forest, unique treasure - International meeting "Planet of the Future" organized by the Quebec Association of International Trade, Quebec, Canada, May 2004.
8. Rusu E - Les Milieux naturels des Carpates - Conference held on March 11, 2005, at the Center d 'Etudes Nordiques, Université Laval, Quebec, Canada.
9. Rusu E. - Recent rainfall disturbance in the North-East Region of Romania, Symposium "Climate warming - what impacts on vineyards", UNESCO Chair Culture and Tradition of Wine, Dijon, France, 2007.
10. Rusu E.- Recent climatic disturbance in the East of Romania, International Festival of Geography, Saint Dié des Vosges, France 2007.
11. Rusu E, Rusu C. - 2007, the Year of extreme climatic disturbance in Romania, «2-end Australasian Hazards Management Conference, Wellington, New Zealand, 2008.
12. Rusu E. - The Castles of the Carpathians and the myth of the Dracula, The conferences of the Société de Géographie de France, Paris, 2010.
13. Rusu E. - Professional integration of graduates, AUF Seminar, Budapest, 19,20 oct. 2010.
14. Rusu E. - Recent evolution of forest property types in Romania, Jules Guyot Institute, University of Burgundy, Dijon, France, April 17, 2013.
15. Rusu E., Bulgariu D., Rusu C. - The influence of humus properties on the acidity of wines from the main vineyards of the North-East region of Romania, WAC-2014, March 26-28, 2014 , Beaune, France
16. Bulgariu D. Rusu C., Rusu E., Dulute C. - The dynamics of certain microelements (Cr, Mn, Zn, Cu) in soil-vine-wine systems. Case study: Averesti Vineyard (Vaslui Dep., Romania), WAC- 2014, March 26-28, 2014, Beaune, France.
17. Rusu E. - Recent drying of some areas of coniferous forests from Romanian Carpathian Mountains. The 27th international biennial conference of the IUFRO Research Group 7.01 "Impacts of Air Pollution and Climate Change on Forest Ecosystems", Nice on June 2-5, 2015.
18. Rusu E. - Decomposition and recomposition of vine and wine territories. Example of the South-West Region of Romania (Oltenia); International Symposium "Heritage and Valuation of the Wine and Wine Territories", 5,6,7 November, 2015, Thira, Santorini, Greece
19. Bobric Elena Diana, Rusu E., Breabăn Iuliana Gabriela - Estimating carbon stocks under different conditions of land use, in the Neamțu catchment. Geobalcanica 2016, 2nd International Scientific Conference, June 10-12, 2016, Skopje, Republic of Macedonia.
20. Bobric Elena Diana, Rusu E., Breabăn Ana Ioana - Effect of land use change on organic carbon stock in Neamțu River Basin after 1990. Geobalcanica 2016, 2nd International Scientific Conference, June 10-12, 2016, Skopje, Republic of Macedonia
- 21 Bobric Elena Diana, Rusu E - The dynamics of forest surfaces between 1990-2012 for the River Basin Neamtu, International multidisciplinary scientific geoconferences SGEM, June 28 - July 6, 2016, Albena Co, Bulgaria.
22. Rusu E. - Refuge forest and monastic settlements in the Middle Ages in the Carpathians of Moldova during the reign of Stephen the Great, Symposium "Refuge forest", September 21-23, 2016, Versailles, France.
23. Ana-Ioana Breabăn,, Elena-Diana Bobric, Iuliana-Gabriela Breaban, Eugen Rusu - Mapping soil organic carbon stock in the area of Neamtu Catchment, Northeastern Romania, EGU General Assembly 2017.

24. Bobric Elena Diana, Breaban Iuliana Gabriela, Rusu E. - A comparison of organic soil, carbon stocks in pastoral, cropping and forest soil, 17th International Multidisciplinary Scientific GeoConference, SGEM, Albena, 2017
25. Breaban Iuliana Gabriela, Bobric Elena Diana, Rusu E, Secu C.V. - Soil Organic Matter Assessment from Neamtu Catchment Soil through Various Organic Carbon Methods 17th International Multidisciplinary Scientific GeoConference, SGEM, Albena, 2017.
26. Elena Diana Bobric, Eugen Rusu, Iuliana Gabriela Breabăn - "ASSESSMENT OF CARBON STOCK IN THE SOIL OF THE NEAMȚU WATERSHEAD" - Green Development, Infrastructure, Technology, Skopje, ed. III, 2018
27. Elena Diana Bobric, Eugen Rusu. - "Preliminary results regarding the assessment of carbon stock in the Neamțu river basin" Symposium Factors and pedogenetic processes in the temperate zone - ed, XXVIII-a, Iași, 2018
28. Elena Diana Bobric, Eugen Rusu, Iuliana Gabriela Breaban - "Correlation between soil organic carbon variation and land use changes in Neamtu watershed" Dimitrie Cantemir International Seminar - Iași, 2018.
29. Rusu E., Bobric Elena Diana - Emmanuel de Martonne - forerunner of modern Romanian geography, Symposium "Factors and pedogenetic processes in the temperate zone" - ed, XXVIIth, Iași, 2018.
30. Bobric E. D., Rusu E., Melniciuc-Puica N., Breabăn I. G - "Correlation between soil organic carbon variation and land use changes in Neamțu catchment" EGU General Assembly Conference Abstracts 19, 2019

#### **Papers presented at Scientific events in the country (last 15 years)**

1. Rusu E - Quebec forest fires - a burning problem. Sem Geografic Dimitrie Cantemir, 2005
2. Rusu E.- Meteorological impact craters in North America, Dimitrie Cantemir Geographic Sem, 2005
3. Rusu E. - Geographic Approach to Andosols, Simp. Pedogenetic factors and processes in the temperate zone, Iasi, 2005.
4. Rusu E. - A litho-pedological topo-sequence on the northern slope of the Motagnes Călimani, Simp. Geomorphological factors and processes in the temperate zone, Iasi, 2006.
5. 3. Rusu C., Rusu E., Left I.C., Vasiliniuc I. - The soils of the Gutâi - Văratec Mountains, Simp. Geomorphological factors and processes in the temperate zone, Iasi, 2006.
6. Rusu C., Rusu E., Vasiliniuc I. - The Soils of the Țibleș Mountains, Factors and Geomorphological Processes in the Temperate Zone, Iasi, 2006.
7. Rusu E., - The Mediterranean geomorphological space - diversity and contrasts, Simp. Dimitrie Cantemir, Iasi, 2006.
8. Rusu E. - The particularities of the atmospheric circulation of the Mediterranean space, the "Dimitrie Cantemir" Geographical Seminar Iasi, 2006
9. Rusu C, Rusu E, Iulian Catalin Stanga, Lilian Niacsu, Ionut Vasiliniuc, Bogdan Rosca (2006) - Pedagogical cover of the volcanic mountains in the northern part of the Eastern Carpathians, Simp. Geomorphological factors and processes in the temperate zone, Iasi, 2007
10. Rusu E. "Particularities of the coastal karst of Promontorio del Gargano", the international geographical seminar D. Cantemir "13 - 15 October. 2007

11. Rusu E.- "The influence of lithology and vegetation on the reaction of soils on the northern slope of the Călimani Mountains". Symposium Factors and pedogenetic processes in the temperate zone, 2007
12. Rusu.E. - "Droughts and rains from summer 2007", Session of scientific communications, Bucharest, November 2007
13. Rusu E. - "Major imbalances in land use in New Zealand", D. Cantemir International Geographic Seminar "17 - 19 October 2008.
14. Rusu E. - "The evolution of tourism entries in New Zealand over the last 25 years", D. Cantemir International Geographic Seminar "October 17 - 19, 2008
15. Rusu E. - "The geodemographic situation of the Maori population in New Zealand", International Geographic Dimitrie Cantemir, Iasi, October 16-18. 2009
16. Rusu E. - "Forest - multifunctional space", Dimitrie Cantemir International Geographic Sem, Iasi, October 16-18. 2010.
17. Rusu E. - "Structure of protected areas in New Zealand" - International Symposium "Current environment and sustainable development" 17 - 19 October 2008.
18. Rusu C., Rusu E., Left IC, Niacșu L., Vasiliniuc I. - "Volcanic mountains in the northwest of the Eastern Carpathians - Soil cover and pedological resource management" International Symposium "Current environment and sustainable development" 17 - October 19, 2008.
19. Rusu E. - "Aspects of Land Use in New Zealand", Symposium on Factors and Pedogenetic Processes in the Temperate Zone, 2008
20. Rusu E. - "Recent evolutions of the demographic indicators of the Maori population in New Zealand" - Session of scientific communications of the Faculty of Geography, University of Bucharest, November 15, 2008
21. Rusu E. - "Trends of eutrophication of artificial lakes in the Bistrita basin", Simp. International Current Environment and Sustainable Development, Iasi, October 16-18, 2009
22. Ungureanu Irina, Rusu E.- "The importance of the nature of the soil in the process of assessing the degree of contamination", Workshop of the Management of the Contaminated Sites, Gura Humorului, June 25, 2009
23. Rusu E., Ungureanu Irina - "The importance of the physical properties of soils in the assessment of contaminated sites", 19th National Conference for Soil Science, Iasi, 24 August. 2009
24. Rusu E., Niculita M. - "The recent dynamics of the Cuedel River downstream of the Cross Lake" XXth National Symposium on Geomorphology, Bistrita, 24 April. 2009
25. Rusu E. - "The geothermal system of the northern island of New Zealand", Geography in the context of contemporary development, Zalau, June 12, 2009
26. Rusu E. - "Global climate change - a controversial news", Simp. Nat. School Geography March 27-28, 2010, Brad,
27. Rusu E. - "Trends of eutrophication of the Cross Lake of M. Stanisoarei", the annual congress of the SGR, June 4-6, 2010, Drobeta Tr. Severin,
28. Rusu E. - "Aspects of forest soil degradation", Symposium Factors and pedogenetic processes in the temperate zone, 10 -12 sept. 2010
29. Rusu E. - "Aspects of degradation of forest soil humus", Annual Symposium on Geography, Romanian Academy, Iasi Branch, 2010

30. Rusu E. „- The Carpathian monastic settlements - a geographical choice” in the International Symposium "Vine, Wine and Monasteries in Europe: A Long History", Oct. 27-29. 2011, USAMV, Iasi
31. Rusu E. «Current trends in the evolution of forest areas for biodiversity protection», International symposium «Actual environment and sustainable development», Iasi, 14-16 oct. 2011
32. Rusu E. "Considerations on priority pedogenetic factors" at the Annual Symposium on Geography, Academic Days of Iasi, 23 October. Iasi, 2011
33. Rusu E. - Forest fires - forestry modeling and recycling factor, Simp. International Geography in Inv. Preuniv. Present and perspectives, Roman May 4-5, 2012
34. Rusu E. - "Current trends in forest areas development to protect soil and water at global and regional level" Geographical seminar "D. Cantemir, Iasi, October 14-16 2011
35. 33.Rusu E Current situation of carbon stock in forest ecosystems and future trends, International Symposium D. Cantemir Iasi, 2012
36. Rusu E. Current trends in the evolution of the forest production function, Annual Conference of the SGR, Resita - 2012
37. Rusu E. Particularities of soil evolution and genesis under different pedogenetic conditions. SGR Conference, Timisoara, May 24-26, 2013.
38. Rusu E. Forest landscapes. National Geography Symposium, Durau, 10-11 May 2013.
39. Rusu E. The influence of land use on soil properties in the C-long Moldovan Depression Basin, International Symposium "Factors and pedogenetic processes in the temperate zone", Iasi, September 19-21, 2013.
40. Rusu E. Dynamics on the profile of some fertility indicators of cambisoluriu from the C-long Moldovan depression basin. Geography Symposium, Romanian Academy, Iasi branch, October 19, 2013.
41. Rusu E. Structural dynamics of Romania's forests after 1990, International Symposium "Dimitrie Cantemir", Iasi, October 18-19. 2013.
42. Rusu E. Current dynamics of forests for biodiversity conservation, National Geography Symposium, Tg. Neamt, May 17, 2014.
43. Rusu E. Anthropically influenced forest landscapes. SGR Annual Conference, Tulcea - May 29 - June 1, 2014
44. Rusu E., Bulgariu D., Patrichi C.V., Roșca B. - Variation of soil carbon stock under different land use conditions, International Symposium "Pedogenetic factors and processes in the temperate zone", September 19-21, Iasi, 2014.
45. Patriche C.V., Roșca B, Rusu E, Pîrnau R. - Use of statistical methods for predicting the qualitative properties of the soil, International Symposium "Factors and pedogenetic processes in the temperate zone", September 19-21, Iasi, 2014.
46. Balan M.G., Rusu E. - Preliminary considerations on pedogenetic factors in the Humor Basin, Annual Geography Symposium, Romanian Academy, Iasi Branch. 2014
47. Rusu E., Bulgariu D., Piticar TM, Patriche CV, Roșca B. - The influence of land use on soil parameters in the Câmpulung Moldovenesc basin, Colloque géographique international "Dimitrie Cantemir", 17-19 Oct. , Iasi 2014.
48. Balan M.G., Rusu E. - Recent dynamics of the use of land in the Humor basin, Colloque géographique international "Dimitrie Cantemir", October 17-19, Iasi 2014

49. Cojinovschi Alina, Rusu E. - Recent changes in the spatial distribution of forests with the main protection function in Iasi County, Colloque géographique international "Dimitrie Cantemir", October 17-19, Iasi 2014.
50. Rusu E. - Structural changes of forests under climate change conditions Geography Symposium, Cluj-Napoca Academy Branch, May 14, 2015
51. Rusu E. - Balance, vitality and forest health - conditions for ensuring biodiversity of forests, SGR Conference, Craiova, May 28 - June 1, 2015.
52. Rusu E, Cojinovschi Alina Daniela, Balan M.G. - Changes in the spatial distribution of forests under climate change conditions, ESDP, Iasi, June 5-7, 2015.
53. Rusu E. - Recent evolutions of forest surfaces at global and regional level, Geography Symposium, May 8, 2015, Neamț County
54. Rusu E.- Evaluation of the causes of the recent drying of some coniferous forest areas on the territory of Romania », Annual Symposium on Geography, Cluj-Napoca, May 14, 2015
55. Rusu E. - Impact of recent climate change on the vitality of Carpathian coniferous forests, Annual Geography Symposium, Iași Academic Days, Iași, 8 October. 2015
56. Balan M.G., Rusu E., - Correlations between land use and the time evolution of carbon stock in the Humor basin, Annual Geography Symposium, Iași Academic Days, Iași, 8 October. 2015
57. Patriche C.V., Roșca B, Rusu E. - Evaluation of soil erosion modeling methods using LIDAR, Annual Geography Symposium, Iași Academic Days, Iași, 8 October. 2015.
58. Patriche C.V., Roșca B., Pârnu R.G., Rusu E., - Possibilities of spatial modeling and prediction of landslides, Annual Geography Symposium, Iași Academic Days, Iași, 8 Oct. 2015.
59. Cojinovschi Alina Daniela, Rusu Eugen - Dynamics of forest resources in Iasi county after 1989, Sem. D. Cantemir International, October 16-18 2015
60. Rusu E. - Forest landscapes - new conceptual approaches, Simion Mehedinți Symposium, 24-25 October. 2015, Focsani
61. Eugen RUSU, Mihai Gabriel BALAN, Oana PROFIR, Diana BOBRIC - The influence of recent land use changes on the total organic carbon stock in the Humor River basin, The Homagia Scientific Symposium "INTERDISCIPLINARY CONNECTIONS IN GEOSTRIES" April 1st - 2nd, 2016
62. Rusu E - Soil degradation - an alarming news, Symposium "International Earth Day", Adjud, April 22, 2016
63. Rusu E - Remarkable forest landscapes - Geography Symposium "Geographic landscapes and their way of capitalization", May 14, 2016, Bicz
64. Rusu E. - Recent dynamics of forest areas in Romania, ESDP, June 3-5, 2016, Iași.
65. Rusu E. - Controversial results in the analysis of recent dynamics of forest surfaces in Romania. National Annual Conference of the Geography Society of Romania, June 16-20, 2016 Cluj-Napoca
66. Rusu E. - Recent structural dynamics of Romania's forests, Symposium "Factors and geomorphological processes in the temperate zone", September 16-18. 2016, Iasi.
67. Bobric Diana Elena, Rusu E., Breabăn Iuliana Gabriela - Comparative analysis of the defining elements for the organic carbon stock in the Neamțu river basin. Symposium "Factors and geomorphological processes in the temperate zone", 16-18 sept. 2016, Iasi.
68. Rusu E. - Recent structural evolutions of Romania's forests - regional analysis "Colloque géographique international" Dimitrie Cantemir ", 21-23 Oct. 2016 Iasi.

69. Nangah Krogba Yves<sup>1</sup>, Kouakou Yao How Nestor<sup>2</sup>, Zro Bi Gohi Ferdinand, Rusu Eugen<sup>4</sup> and Yao-Kouamé Albert<sup>2</sup>. - Distribution and behavior of trace metal elements in the manganeseiferous Cambisols of Côte d'Ivoire volcano-sedimentary sites "International Geographic Symposium" Dimitrie Cantemir ", 21-23 Oct. 2016 Iasi
70. Elena Diana Bobric, Eugen Rusu, Iuliana Gabriela Breabăn Evaluation of organic carbon stock from forest soil in Targu Neamt Forest District "International Geographic Colloquium" Dimitrie Cantemir ", 21-23 Oct. 2016, Iasi
71. Bobric Elena Diana, Rusu Eugen, Melniciuc-Puica Nicoleta, Breabăn Iuliana Gabriela - Spectroscopic properties, of forest soils - a case study from The Neamtu River Basin, Symposium "Factors and pedogenetic processes in the temperate zone", September 15-17, 2017 , Braşov.
72. Rusu E., Bobric Elena Diana, Breabăn Iuliana Gabriela, Breabăn Ana Ioana - Territorial and structural evolutions of forests in the Neamţu river basin between 1990 and 2012. Symposium "Factors and pedogenetic processes in the temperate zone", September 15-17, 2017, Braşov.
73. Patriche CV, Rusu E. Pîrnău R., Bogdan Roşca, Vasiliniuc I. - Analysis of the influence of the use of the land on some chemical parameters of the soils, Symposium "Factors and pedogenetic processes in the temperate zone", 15-17 September 2017, Braşov.
74. Pîrnău RG, Oana Cristina Stan, Rusu C., Rusu E., Vasiliniuc I., Research on the formation conditions and the characteristics of the planar stagnosols in the southern part of the Siret-Moldova interfluvium, the Symposium "Factors and pedogenetic processes in the temperate zone", September 15-17, 2017, Brasov.
75. Elena Diana Bobric, Eugen Rusu, Iuliana Gabriela Breabăn - "ASSESSMENT OF CARBON STOCK IN THE SOIL OF THE NEAMŢU WATERSHEAD" - Green Development, Infrastructure, Technology, Skopje, ed. III, 2018
76. Elena Diana Bobric, Eugen Rusu, Iuliana Gabriela Breabăn - "Humus content and distribution in Neamţu river basin under different land use", International Symposium "Present Environment and Sustainable Development" - ed. of the 12th century, Iasi, 2018.
77. Rusu E., Elena Diana Bobric - Emmanuel de Martonne - precursor of modern geography in Romania - the symposium Factors and pedogenetic concerns in the temperate area, Iasi, 2018.
78. Bobric E. D., Rusu E., Melniciuc-Puica N., Breabăn I. G - "Determination of organic carbon in soil by FTIR in the Neamţu river basin"; International Symposium "Present Environment and Sustainable Development" - ed. XIV a, June Iasi, 2019
79. Radu Gabriel PÎRNĂU, Dragoş Alexandru MIREA, Vasile DIACONU, Bogdan ROŞCA, Constantin RUSU, Ionuţ VASILINIUC, Cristian Valeriu PATRICHE, Eugen RUSU - CONSIDERATIONS CONCERNING THE EVOLUTION OF CHANGE FAEOZIOMES FROM THE NORD-EAST ROMANIA, within the Romanian ROM Iasi, Iasi, September 2019,
80. Cristian Valeriu PATRICHE, Pîrnău Radu Gabriel, Roşca Bogdan, Ionut Vasiliniuc, Eugen RUSU - THE SPACE MODELING OF EROSION IN THE SURFACE OF THE SOIL AT NATIONAL LEVEL BY APPLYING THE ROMSEM MODEL, within the GIS framework, in the framework of GIS, in the framework of the GIS, in the framework of the GIS, within the framework Iasi, September 2019,
81. Eugen RUSU, Elena Diana BOBRIC, Iuliana Gabriela BREABAN - RECENT TERRITORIAL AND STRUCTURAL RECONFIGURATIONS OF ROMANIAN FORESTS, Annual Symposium on Geography, within the Academic Days of Iasi, Iaşi, September 2019

82. E.Rusu, Diana Elena Bobric, Gabriela Iuliana Breabăn, Alexandra Benghea- "Dynamics of wine-growing areas in the North-East and South-East regions of Romania, after 1989", Symposium "Factors and pedogenetic processes in the temperate zone", edition XXIX. "September 2019.

83. Diana Elena Bobric, E.Rusu. Nicoleta Melniciuc-Puica, Iuliana Gabriela Breabăn - Evaluation of the constituents of hydrophobic / hydrophilic organic matter by FTIR soroscopy, Symposium "Factors and pedogenetic processes in the temperate zone", XXIX edition ", September 2019

84. E.Rusu, Diana Elena Bobric, Gabriela Iuliana Breabăn, Alexandra Benghea - Reconfigurations of the wine-growing territories of Romania after 1989 Conference "Geographia Napocensis" 100 ", Cluj-Napoca, October 2019.

85. Elena Diana BOBRIC, Eugen RUSU, Nicoleta MELNICIUC-PUICA, Iuliana Gabriela BREABAN Spectral characterization of organic matter in the Neamtu river basin by FTIR "International Seminar" Dimitrie Cantemir "Iasi, October, 2019.

86. Alexandra Benghea, Eugen Rusu, **Mihai-Gabriel Balan**, Ana-Maria Anastasiei, Iuliana Gabriela Breabăn – **Distribuția Geochimică a Metalelor Potențial Toxice din Solurile Bazinului Hidrografic Humor** - The 14<sup>th</sup> edition of the International Symposium: *Present Environment & Sustainable Development*, 2019, Iași, Romania

Prof. univ. Dr. Eugen Rusu

