

## Prof. Ileana Stupariu

*University of Bucharest*

*Institute of Research of University of Bucharest, ICUB, CeLTIS*

*Department of Regional Geography and Environment, Faculty of Geography*



### Personal information

Surname	Stupariu
Christian names	Georgeta-Ileana
Academic degree	Dr.
Date of birth	December 14, 1970
Place of birth	Calafat, România
Citizenship	Romanian
Civil status	Married, one child
Address (professional)	Bd. N. Balcescu, 1; 010041 Bucharest, Romania
E-mail	ileana.stupariu@geo.unibuc.ro; ileanageorgeta@yahoo.com
Website	<a href="http://landscape.cc.unibuc.ro/">http://landscape.cc.unibuc.ro/</a> <a href="https://unibuc.ro/user/ileana.stupariu/">https://unibuc.ro/user/ileana.stupariu/</a>
Title	Professor
Profession	Geographer

### Research interests

Ileana Pătru-Stupariu is the head of the Transdisciplinary Research Center Landscape–Territory–Information Systems (CeLTIS) at the Institute of Research of University of Bucharest. Her research interests are related to landscape ecology, ecological modelling, modeling of landscape dynamics, landscape fragmentation, ecosystem/ landscape services, landscape planning, land use / land cover change, cultural landscape, landscape visual assessment and Geographic approaches (nature and society).

### Education and degrees

1989-1993	Faculty of Geography, University of Bucharest
1993	Master Degree (Diploma) in Geography, University of Bucharest
1993-1999	PhD-student, with a position as assistant at the Faculty of Geography, University of Bucharest
1999	PhD, in Geography, University of Bucharest

### Awarded scholarships

1996	Tempus PhD stipend, University of Liege - Belgium
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## Work Experience

### Academic positions

1993-1996	Subassistant, Faculty of Geography, University of Bucharest
1996-2000	Assistant, Faculty of Geography, University of Bucharest
2000-2002	Assistant professor, Faculty of Geography, University of Bucharest
2002-2006	Associate professor, Faculty of Geography, University of Bucharest
Since 2006	Professor, Faculty of Geography, University of Bucharest
Since 2007	PhD advisor

### Research fellowships

2003, 2004	University of Liege - Belgium
2003	University of Lyon, University of Grenoble - France
2004	University Paris XII - France

### Teaching fellowships (Socrates-Erasmus) and research visits

May 2001,2002,2003	University of Bari, University Roma Tre - Italy
May 2004,2005,2006	University Paris XII - France
February 2010	University Liege – Belgium, member of a doctoral commission
Mai 2013	University Liege –Belgium joint research in doctoral activities
October 2012, July 2015	WSL Zürich - Switzerland joint researches as PhD supervisor
June, July 2013	WSL Zürich, EPFL Lausanne - Switzerland joint researches as PhD supervisor
June, July 2015	WSL Zürich, EPFL Lausanne - Switzerland joint researches as PhD supervisor
June - July 2018	MLU – Germany – Visiting researcher. Tasks: joint publications and project proposals, talks

### Supervised PhD theses

2007-2019	12 theses finalized, <i>Simion Mehedinți</i> Geography Doctoral School of the University of Bucharest
2018-2021, presently	Pleșoianu Alin, Mihai Mustatea, Ionescu Andreea - <i>Simion Mehedinți</i> Geography Doctoral School of the University of Bucharest

## Participation in research projects

### a) International Projects

*Project coordinator for RO*

1. **BMBF/DLR\_Germany** *Social-Ecological Research and Technological Innovations for Connecting Cultural Ecosystem Services (SERVICES)*, funded by Projektantrag im Programm Internationale Zusammenarbeit in Bildung und Forschung, Region Mittelost- und Südosteuropa Bundesministerium für Bildung und Forschung, P.I Christine Fürst (KIT – The Research University in the Helmholtz Association Karlsruhe Institute of Technology) [Project manager for RO Ileana Stupariu](#) (University of Bucharest)./ (2017-2019)

2. [SCIE X](#) (WSL, Birmensdorf-Zürich, Switzerland, University of Bucharest) *Modelling Urban Sprawl and its Effect on Landscape Pattern (MUSELP)*. Mentors: Anna Hersperger / Ileana Pătru-Stupariu; PhD student: Simona Grădinaru **(2014-2015)**.
3. [SCIE X](#) (EPFL Lausanne, Switzerland, University of Bucharest) *Landscape integration in the procedure of environmental impact assessment (LANDEIA)*. Mentors: Alexandre Buttler / Ileana Pătru-Stupariu; PhD student: Andreea Niță **(2012-2013)**.
4. [SCIE X](#) (EPFL Lausanne, Switzerland, University of Bucharest) *A multi scale resolution DEM processing using wavelet-based filtering techniques, 3D analyses and geostatistics (3DEMGEOSTATS)*. Mentors: François Golay / Ileana Pătru-Stupariu; PostDoc student: Magda Năpăruș **(2012-2013)**.
5. [SCIE X](#) (WSL, Birmensdorf-Zürich, Switzerland, University of Bucharest) *Land use conflicts and environmental planning (LUCLP)*. Mentors: Anna Hersperger / Ileana Pătru-Stupariu; PhD student: Alina Tudor **(2012-2013)**.
6. [WBI](#) (University of Liège, Belgium, University of Bucharest) *Monitoring paysager des parcs nationaux grâce aux outils de l'écologie du paysage*. Mentors: Ileana Pătru-Stupariu / Serge Schmitz; PhD student: Alexandra Teleucă **(2012-2013)**.
7. **POSDRU (EU / Government of Romania)** (University of Bucharest) *Evaluation of accessibility and attractiveness of urban parks in Bucharest*. Mentor: Ileana Stupariu, Postdoc: Diana Onose **(2014)**
8. **POSDRU (EU / Government of Romania)** (University Paris-Est Créteil Val de Marne, University of Bucharest) *Quantitative and qualitative analysis of urban landscape. Case study: Sinaia city*. Mentors: Abdelkader Abdellaoui / Ileana Pătru-Stupariu; PhD student: Alina Huzui **(2011)**.
9. **POSDRU (EU / Government of Romania)** (University Paris-Est Créteil Val de Marne, University of Bucharest) *Landscape management, assessment and prognosis. Case study: Babadag Lake and surroundings*. Mentors: Abdelkader Abdellaoui / Ileana Pătru-Stupariu; PhD student: Iulia Călin **(2010)**.
10. **AUF - Recherche en réseau** (University of Liège, Belgium, University of Bucharest) *Apports de la teledetection pour l'étude des georisques en Roumanie*, funded by Agence Universitaire de la Francophonie **(2003-2005)**.
11. **MRT** (University of Liège, Belgium, University of Bucharest) *The use of photogrammetry in the study of landslide dynamics*, funded by Research and Technology Ministry - Belgium **(2003-2004)**.

#### Member of the research team

1. **Bridge2ERA (2019-2021)** *INLAND Innovative environmental governance for sustainable peri-urban landscapes*, Federal Ministry of Education and Research of Germany, P.I. Marcin Spyra
2. **SNSF-UEFISCDI** *Improved wind energy assessment based on coupled wind, terrain, and vegetation modeling (WindLand)*. Principal Investigators Fernando Porté-Agel (Switzerland, EPFL) and Mihai-Sorin Stupariu (Romania, University of Bucharest)./ **(2013-2015)**.
3. **PAI Brancusi** *Riscuri asociate sistemelor hidrogeomorfologice si amenajarea teritoriului (Risks associated to hydro-geomorphologic systems and territorial planning)*. Project manager Liliana Zaharia, University of Bucharest./ **(2011-2012)**.

## b) National Projects

### Main investigator

1. **CNCSIS-UEFISCSU** *Development and implementation of an algorithm for landscape assessment and prognosis. Application to the mountainous and subcarpathian sector of the Prahova Valley*, funded by The National University Research Council in Romania **(2009-2011)**.
2. **CNCSIS-UEFISCSU** *Sustainable management of Subcarpathian landscapes: prioritizing methods and means*, funded by The National University Research Council in Romania **(2006-2008)**.
3. **CNCSIS-UEFISCSU** *Landscape dynamics and assessment in mountainous passageways of the Southern Carpathians*, funded by The National University Research Council in Romania **(2001-2002)**.

### Member of the research team (selection)

1. **CNCSIS-UEFISCSU** *Selection and dissemination of antibiotic resistance genes from wastewater treatment plants into the aquatic environment and clinical reservoirs*, PN-III-P4-ID-PCCF (2019 - 2024), Director de proiect Carmen Mariana Chifiriuc
2. **CNCSIS-UEFISCSU** *Dynamic interaction between the natural and human components based on the synergy of ecological and socio-economic factors in the rapidly urbanizing landscapes*. Project manager Cristian Iojă, funded by The National University Research Council in Romania (2012-2015).
3. **POSDRU** *Optimizarea procesului de inserție a absolvenților din domeniul geografie pe piața forței demuncă, Geoinserț*, Contract nr. POSDRU/86/1.2/S/57462, (2010 – 2013) *Manager de proiect*, Prof.univ. dr. Ioan Ianoș.
4. **IER-SPOS** *The competitive potential of economic growth: guiding lines for a new industrial policy in Romania*. Institutul European din România Studii de Strategie și Politici SPOS 2010. Project manager Valentin Cojan, Academy of Economic Studies (2010).

### Publication record

h-index 17 [Google Academic/Scholar](#), Web of Science Hirsch-index: 12  
40: ISI publications recorded : 14 as main author, 26 as co-author  
17: Peer - reviewed publications (BDI)  
12: Books and books chapters  
37: Proceedings/Abstract of international conferences  
35: Proceedings/Abstract of national conferences

### List of main research papers

#### ISI publications

##### Main Author

##### First Quartile (Zone A)

1. **Pătru-Stupariu I.**, Niță A., (2021) *The role of an international treaty in creating over time a sustainable network for interdisciplinary landscape approaches*. Landscape Ecology, accepted.
2. **Pătru-Stupariu I.**, Niță A., Mustătea M., Huzui-Stoiculescu A., Fürst Ch. (2020) *Using social network methodological approach to understand human-wildlife interactions*. Land Use Policy, 99, 105009
3. **Pătru-Stupariu I.**, Stupariu M.S., Stoicescu I., Peringer A., Buttler A., Fürst Ch. (2017) *Integrating geo-biodiversity features in the analysis of landscape patterns*, Ecological Indicators 80: 363–375
4. **Pătru-Stupariu I.**, Tudor C.A., Stupariu M.S., Buttler A., Peringer A. (2016) *Landscapes persistence and stakeholders' perspective . The case of the Romanian Carpathians*. Applied Geography, 69: 87-98.
5. **Pătru-Stupariu I.**, Stupariu M.S, Tudor C.A., Grădinaru S.R., Gavriliadis A., Kienast F., Anna M. Hersperger A.M. (2015) *Landscape fragmentation in Romania's Southern Carpathians: testing a European assessment with local data*. Landscape and Urban Planning 143: 1-8. **AIS. 1.026**
6. **Pătru-Stupariu I.**, Angelstam P., Elbakidze M., Huzui A., Andersson K. (2013) *Using spatial patterns and forest history to identify potential high conservation value forests in Romania*. Biodiversity and Conservation. 22: 2023-2039.

##### Second Quartile (Zona B)

7. Mustătea M., **Pătru-Stupariu I.**,(2021) *Using landscape change analysis and stakeholder perspective to identify driving forces of human-wildlife interactions*, Land, 10 (2), 146, **Pătru- Stupariu I. and Mustătea M. contributed equally to this work (see pg.17).**

8. Mustăţea M., **Pătru-Stupariu I**, Niţă M.R., Clius M., (2021) Human dimensions of wildlife approach: from the evaluation of landscape fragmentation and local citizen's perception to manage human-wildlife interactions. *Biodiversity and Conservation*, corresponding author, *Pătru- Stupariu I. and Mustăţea M. contributed equally to this work* - (under review).
9. **Pătru-Stupariu I.**, Hossu C.A., Grădinaru S., Niţă A., Stupariu M., Huzui-Stoiculescu A., Athanasios Gavrilidis A. (2020) *A review of changes in mountain land use and ecosystem services: from theory to practice*. *Land*, 9 336.
10. **Pătru-Stupariu I.**, Pascu M, Bürgi M. (2019) Exploring Tangible and Intangible Heritage and its Resilience as a Basis to Understand the Cultural Landscapes of Saxon Communities in Southern Transylvania (Romania), *Sustainability*, 11, 3102.
11. **Pătru-Stupariu I.**, Stupariu M.S., Cuculici R., Huzui A. (2011) *Understanding landscape change using historical maps. Case study Sinaia, Romania*. *Journal of Maps*, v2011:206-220.

### Third Quartile (Zona C)

12. Stupariu M. S., Pleşoianu A., **Pătru-Stupariu I.**, Fürst Ch. (2020), A Method for Tree Detection Based on Similarity with Geometric Shapes of 3D Geospatial Data *ISPRS Int. J. Geo-Inf.* 2020, 9(5), 298., (Corresponding Author)
13. **Pătru-Stupariu I.**, Calotă A.M., Santonja M., Anastasiu P., Stoicescu I., Stupariu M-S., Biris I., Buttler A., (2019) *Do wind turbines impact plant community properties in mountain region?* *Biologia*, 74, 12, 1613-1619.
14. **Pătru-Stupariu I.** (2017) *The other side of the mountain, facing the urban landscape* *City* 3-4:520-523 *Scopus/SJR-IF 1.9*

### Co-Author

#### First Quartile (Zone A)

1. Stupariu M.S., Cushman S., **Pătru-Stupariu I** Pleşoianu A., Fürst Ch., (2021) Artificial intelligence in environmental analyses: a review of recent approaches. *Landscape Ecology*, accepted
2. Fang J., Peringer A., Stupariu M.S., **Pătru-Stupariu I.**, Buttler A., Golay F. Porte-Agel F., (2018) *Shifts in wind energy potential following land-use driven vegetation dynamics in complex terrains*, *Science of The Total Environment* 639, 374-384.
3. Năpăruş-Aljančič M., **Pătru-Stupariu I.**, Stupariu M-S. (2017) *Multiscale wavelet-based analysis to detect hidden geodiversity*. *Progress in Physical Geography* : 26, 601–619.
4. Peringer, A., Schulze, K. A., **Pătru-Stupariu I.**, M.S. Stupariu, Rosenthal G., Gillet, F. & A. Buttler (2016) *Multi-scale feedbacks between tree regeneration traits and herbivore behaviour explain the structure of pasture-woodland mosaics* *Landscape Ecology*, 31, 4: 913-92
5. Grădinaru S.R., Iojă C.I, Onose D., Gavrilidis A., **Pătru-Stupariu I.**, Kienast F., Hersperger A. (2015) *Land abandonment as a precursor of built-up development at the sprawling periphery of former socialist cities*. *Ecological Indicators* 57:305–313.
6. Niţă A. , Buttler A. , Rozyłowicz L., **Pătru-Stupariu I** (2015) *Perception and use of landscape concepts in the procedure of Environmental Impact Assessment; case study – Switzerland and Romania*. *Land Use Policy* 44:145–152.
7. Tudor, C. A., Iojă, I. C., Rozyłowicz, L., **Pătru-Stupariu, I.**, Hersperger, A. M. (2015). Similarities and differences in the assessment of land use associations by local people and experts. *Land Use Policy Journal* 49, 341-351.
8. Tudor, C.A., Iojă, C. I., **Pătru-Stupariu, I.**, Niţă, M.R., Hersperger, A., (2014), *How successful is the resolution of land-use conflicts? A comparison of cases from Switzerland and Romania*. *Applied Geography*. 47 , 125-136.
9. Angelstam P., Axelsson R., Elbakidze, M., Laestadius, M., Lazdinis, L., Nordberg, M., **Pătru-Stupariu, I.**, Smith, M. (2011) *Knowledge production and learning for sustainable forest management: European regions as a time machine*. *Forestry An International Journal of Forest*, 84 (5): 581-596.

## Second Quartile (Zona B)

10. Pleșoianu A.I., Stupariu M., S., Șandric I.C., **Pătru-Stupariu I.**, Drăguț L., (2020) Individual Tree-Crown Detection in Very High Resolution Remote Sensing Imagery Using a Deep Learning Ensemble Model, *Remote Sensing*, 12(15), 2426; <https://doi.org/10.3390/rs12152426>
11. Năstase I.I., **Pătru-Stupariu I.**, Kienast F., (2019) Landscape Preferences and Distance Decay Analysis for mapping the Recreational Potential of an Urban Area. *Sustainability*, 11, 3620. *with others authors/justified the role*).
12. Grădinaru S.R., Iojă C., **Pătru-Stupariu I.**, Hersperger A., (2017) Are spatial planning objectives reflected in the evolution of urban landscape patterns? A framework for the evaluation of spatial planning outcomes. *Sustainability* 9 (8), 1279.
13. Peringer A., Buttler A., Gillet F., **Pătru-Stupariu I.**, Schulze K., Stupariu M.S., Rosenthal G. (2017) Disturbance-grazer-vegetation interactions maintain habitat diversity in mountain pasture-woodlands *Ecological Modelling*, 359, 301-310.
14. Peringer A., Gillet F., Gert R., Stoicescu I., **Pătru-Stupariu I.**, Stupariu M.S., Buttler A. (2016) Landscape-scale simulation experiments test Romanian and Swiss management guidelines for mountain pasture-woodland habitat diversity. *Ecological Modelling* 330, 41-49.
15. Stoiculescu R., Huzui A., Gavrilidis A., **Pătru-Stupariu I.**, Nita A., Călin I., Cuciulan A. (2014) What is the spatial link between the roman civilization and cultural landscape in Romania? *Journal of Maps*. 10, 2 297-307.
16. Huzui A., Abdellaoui A., **Pătru-Stupariu I.** (2013) Analyzing urban dynamics using multi-temporal satellite images in the case of a mountain area, Sinaia (Romania). *International Journal of Digital Earth* 6,6: 563-579.

## Third Quartile (Zona C)

17. Calotă A.M., **Pătru-Stupariu I.**, (2019) Pasture resilience towards landscape changes: assessing pastures quality in the context of land-use and land-cover changes in Romania. *European Journal of Geography*, 10, 2, 12-26.
18. Bogdan S., **Pătru-Stupariu I.**, Topârceanu A., Năstase I., (2019) Mapping social values for cultural ecosystem services in a mountain landscape in the romanian [Carpathians](#), [Carpathian Journal of Earth and Environmental Sciences](#), vol. 14, no. 1, p. 199 - 208; doi:10.26471/cjees/2019/014/072 <http://www.cjees.ro/viewTopic.php?topicId=794>
19. Bogdan S., **Pătru-Stupariu I.**, Zaharia L., (2016) The Assessment of Regulatory Ecosystem Services: The Case of the Sediment Retention Service in a Mountain Landscape in the Southern Romanian Carpathians *Procedia Environmental Sciences*, 32: 12-27.
20. Gavrilidis A.A., Grădinaru S.G., Iojă C., Cârstea E.M. **Pătru-Stupariu I.** (2015), Land use and land cover dynamics in the periurban area of an industrialized east-european city an overview of the last 100 years. *Carpathian Journal of Earth and Environmental Sciences*
21. Cioacă T., Dumitrescu B., Stupariu M.S., **Pătru-Stupariu I.**, Năpăruș M., Stoicescu I., Peringer A., Buttler A., and Golay F (2015) Heuristic-driven Graph Wavelet Modeling of Complex Terrain *ICGIP* , doi: 10.1117/12.2179132
22. Tudor, C.A., Iojă, I.C., Hersperger, A.; **Pătru-Stupariu, I.**, (2013): Is the residential land use incompatible with cemeteries location? Assessing the attitudes of urban residents. *Carpathian Journal of Earth and Environmental Sciences* 8, 2: 153-162.
23. Grădinaru, S.R., Iojă, I.C., **Pătru - Stupariu, I.**, Niță, M.R., Gavrilidis, A., Cârstea, E. (2013), Land abandonment changes between 2005 and 2008 in Bucharest city, *Procedia Technology Series* 8 Pages: 536-539.

24. Huzui A., Călin I., **Pătru-Stupariu I. (2012)** *Spatial pattern analyses of landscape using multi-temporal data sources*. *Procedia Environmental Sciences Elsevier* 14:98-110.
25. Cojanu V., Dobre R., **Pătru-Stupariu I. (2012)** *The accessibility buffer – a basic GIS tool in determining the Competitive Potential Index*. *Procedia Environmental Sciences Elsevier* 14:237-246.
26. Cojanu V., **Pătru-Stupariu I.**, Dobre R. (2011) *An exploratory study of the regional context of competitive development in Romania*. *Transylvanian Review of Administrative Sciences* 33:67-89.

### **Peer - reviewed publications (BDI) - selection**

1. **Pătru-Stupariu I.**, Petculescu, D, Pascu, M. (2021). Does the online education ensure the effectiveness of teaching and evaluation of Geography? *Journal of Education for Teaching*, under review
2. Pascu M., **Pătru-Stupariu I.**, (2021), *The Assessment of the Authenticity and Conservation Status of Cultural Landscapes in Southern Transylvania*, *Geographies*
3. Stoicescu I., **Pătru-Stupariu I.**, Hossu C.A., Peringer A., (2019), *Land Use Guidelines to Maintain Habitat Diversity of Wood Pastures in the Southern Carpathians Under Projected Climate Change*, *Landscape Online*, 74, 1-24
4. Huzui-Stoiculescu A., Stoiculescu R., **Pătru-Stupariu I**, Nicolae A. (2017) *A Double Landscape Shaped by a Century of Logging Industry and Resort Development on Prahova Valley and the Surrounding Mountains*, *Environmental History in the Making Volume II: Acting*, Editors Cristina Joanaz de Melo, Estelita Vaz Lígia - M.Costa Pinto, **Springer** International Publishing
5. Grădinaru S.R., Iojă C. I, **Pătru-Stupariu I.** (2015) *Do post-socialist urban areas maintain their sustainable compact form? Romanian Urban Areas as case study* *Journal of Urban and Regional Analysis* 2,7,129-144
6. Schmitz S., Vanderheyden V., Teleuca A., Pătru-Stupariu I. (2014) *Qu'entend-on par paysage de qualité? Résultats d'une enquête auprès d'experts roumains et wallons*, *Globalization and New Challenges of Agricultural and Rural Systems*, 35 - 44 ISBN 978-4-904316-10-8, Nagoya, Japon
7. Peringer A., Schulze K.A., **Pătru-Stupariu I.**, Stupariu M.S., Buttler A., Gillet F., & Rosenthal G., (2014) *Klimawandel-angepasstes, post- conservatives. Management halb-offener Weidelandchaften*, available [http://www.bfn.de/0502\\_skripten.html](http://www.bfn.de/0502_skripten.html), BfN-Skripte
8. Călin I., **Pătru-Stupariu I. (2011)** *Landscape changes of Babadag lake and limitrophe area in the last 2 decades*, *Annals of DDI*, vol 17: 139-146.
9. **Pătru-Stupariu I.**, Stupariu M.S., Cuculici R., Huzui A. (2011) *Contribution of global indicators to landscape change modelling. Case study Prahova Valley*. *International Journal of the Physical Sciences* 6:535-539.
10. Stupariu M.S., **Pătru-Stupariu I.**, Cuculici R. (2010) *Geometric approaches in computing 3D landscape metrics*. *Landscape Online* 24:1-12.

### **Professional visibility (International recognition)**

#### **International Associations**

1. **Leader of IALE Romania.** IALE - International Association of Landscape Ecology <http://www.landscape-ecology.org/index.php?id=46>
2. **Leader of WG EDU** - International Association of Landscape Ecology <http://www.landscape-ecology.org/working-groups/landscape-ecology-in-schools.html>
3. **Member of WG 3DLM** - International Association of Landscape Ecology <http://www.landscape-ecology.org/working-groups/3d-landscape-metrics.html>
4. **ELI-Partner:** [European Land-use Institute](#), leader for Romania

#### **Guest Editor/ Editorial Boards**

1. **Guest Editor:** *Special Issue „Landscape analysis from interdisciplinary approaches towards application of novel technologies,* [Journal Landscape Ecology](#) (3.385, Q1)

2. **Guest Editor:** Special Issue "Land Systems in Transition between Persistence and Change", [Journal Land](#) (IF, 2.429,Q2)
3. **Guest Editor.** Procedia Environmental Sciences, **Elsevier**, Volume 14, Pages: 98-110, DOI: 10.1016/j.proenv.2012.03.010; 2012, [Procedia Environmental Sciences](#) (Q3)
4. **Editorial Boards.** [Land, IF 2.429 \(Q2\)](#)
5. **Editorial Board/ Landscape Series** Springer's innovative Landscape Series/Books
6. **Membership of Editorial Boards.** [Bucovina forestieră](#) and [Geographies](#) (BDI journals)

### Reviewer at high ranking journals

I have been invited to review papers for ISI publications: Biodiversity and Conservation; Remote Sensing; Applied Geography; Ambio; International Journal of Geographical Information Science; Comptes Rendus Geoscience; Regional Environment Change; Wetlands Ecology and Management; Annals of Forest Research; Environmental Monitoring and Assessment, Open Geosciences, Regional Environment Change, Computer, Environment an Urban Systems, Land, Sustainability, Habitat International, European Countryside, Remote Sensing, Scientific Reports.

### Expert evaluator for international and national projects.

I have been invited to review projects for [NRC/UK](#), [SRDA](#) (**Slovak Research and Development Agency**) (2020) **DFG** German Research Foundation (2015); **ESPON** 2013 Knowledge Support System (2011-2013); **AUF** Agence Universitaire de la Francophonie – Bureau Europe Centrale et Orientale (2007-2012, 2017,2019) ; **CNCSIS** National University Research Council in Romania (2004-2008,2017,2019); Evaluator of Government Student Fellowships for **MECTS** (Romanian Ministry of Education, Research, Youth and Sport (2006-2010).

### Prizes/Awards.

I receive *from* **Journal Land** (IF 2.429) **Land 2020 Outstanding Reviewer Award.**

Awards by **UEFISCDI** (2013 -1, 2014 – 2 2015-3, 2016 -3, 2017-3, 2018 -1, 2019 -2, 2020-1 – publication of ISI papers).

### Conference organization (2005-2020) - Chairman and organizer

- |      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2005 | Main organizer: International Conference – AUF <i>Teledetection</i> , Bucharest                                                                                                                                                                                                                                                                                                                                                            |
| 2011 | Main organizer: International Conference – Environment – Landscape – European Identity, Bucharest , <i>Procedia Environmental Sciences</i> , <b>Elsevier</b> Volume: 14 Pages: 98-110 DOI: 10.1016/j.proenv.2012.03.010 Publicat: 2012, <a href="http://www.sciencedirect.com/science/journal/18780296">http://www.sciencedirect.com/science/journal/18780296</a><br><a href="http://geo.portiledefier.ro">http://geo.portiledefier.ro</a> |
| 2013 | Main organizer: International workshop: The first meeting of IALE Romania, <i>Landscape Ecology - linking Nature and Human Dimensions.</i> , 1,2 November Bucharest <a href="http://landscape.cc.unibuc.ro/iale/news.php">http://landscape.cc.unibuc.ro/iale/news.php</a>                                                                                                                                                                  |
| 2015 | Main organizer: International workshop: The first meeting of IALE Romania, <i>Landscape Ecology Days</i> , 4-8 September, Bucharest                                                                                                                                                                                                                                                                                                        |
| 2017 | Co- organizer: International workshop : 3D Landscapes. Metrics, techniques and applications., IALE 2017 European Congress, Ghent 12-15 september 2017 <a href="http://www.iale-europe.eu/iale2017/3d-landscapes-">http://www.iale-europe.eu/iale2017/3d-landscapes-</a>                                                                                                                                                                    |

- 2019 [metrics-techniques-and-applications](#)  
Co - organizer International workshop: 3-D landscape metrics and visualization techniques- applications in spatial planning, environmental assessment and participatory decision processes, IALE World Congress, Milano – 2019, [http://www.iale2019.unimib.it/proposed-symposia/symposium\\_38/](http://www.iale2019.unimib.it/proposed-symposia/symposium_38/)
- 2019 Co- organizer International workshop : Innovating teaching and learning landscape ecology to address the challenges of the Anthropocene, IALE World Congress, Milano – 2019, [http://www.iale2019.unimib.it/proposed-symposia/symposium\\_65/](http://www.iale2019.unimib.it/proposed-symposia/symposium_65/)
- 2020 Main organizer of International Virtual Conference: [Socio-Ecological Practice Research for Sustainable Landscape Governance](#)

## Other professional activities

### *Administrative activities*

- 1999-2019 Erasmus Departmental Coordinator, Founding of Erasmus Program
- 2000-2004 Chancellor, Faculty of Geography, University of Bucharest
- 2004-2008 Dean, Faculty of Geography, University of Bucharest
- 2008 -2011 Head of the Department of Regional Geography and Environment, University of Bucharest
- 2011-2015 Member of scientific committee of Doctoral School Simion Mehedinti, Faculty of Geography, University of Bucharest
- 2019 - [Member of Scientific Committee](#) of ICUB, section Earth, Environment and Life Sciences, University of Bucharest
- Since 2011 Head of Transdisciplinary Research Center Landscape – Territory – Information Systems, University of Bucharest, *CeLTIS* Website: <http://landscape.cc.unibuc.ro/>

### **Personal skills**

**Languages:** Romanian – mother tongue; English, French

**Computer skills:** user of common operating systems (Windows, MacOS) and software packages: ArcGIS, R.