

## 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: landscape fragmentation, landscape permeability, modelling of landscape dynamics, traditional agricultural landscapes, cultural landscape, landscape services, landscape planning, land use/land cover change, cultural landscape, and Geographic approaches (nature and society). Currently she coordinates PhD theses related to an emerging topic: to build new nature/landscape networks in Romania, as a requirement of the new EU Biodiversity Strategy 2030 and AI in landscape analyses.

### 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 |
|------|---|

## 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<br>2001,2002,2003      | University of Bari, University Roma Tre - Italy   |
| May<br>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,<br>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/Postdocs

|                |   |
|----------------|---|
| 2007-2022      | 14 theses finalized, <i>Simion Mehedinți</i> Geography Doctoral School of the University of Bucharest   |
| 2021-presently | Ionescu Andreea, Vasilescu Anca, Radu Tudor, Gilea Alexandru - <i>Simion Mehedinți</i> Geography Doctoral School of the University of Bucharest |
| 2015, 2013     | Supervised Postdocs: Năparuș Magda (geodiversity and landscape); Diana Onose ( urban landscape)   |

## 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. [SCIEX](#) (WSL, Birmensdorf-Zürich, Switzerland, University of Bucharest) *Modelling Urban Sprawl and its Effect on Landscape Pattern (MUSELP)*. PhD student: Simona Grădinaru **(2014-2015)**.
3. [SCIEX](#) (EPFL Lausanne, Switzerland, University of Bucharest) *Landscape integration in the procedure of environmental impact assessment (LANDEIA)*. PhD student: Andreea Niță **(2012-2013)**.
4. [SCIEX](#) (EPFL Lausanne, Switzerland, University of Bucharest) *A multi scale resolution DEM processing using wavelet-based filtering techniques, 3D analyses and geostatistics (3DEMGEOSTATS)*. Mentors: Magda Năpăruș **(2012-2013)**.
5. [SCIEX](#) (WSL, Birmensdorf-Zürich, Switzerland, University of Bucharest) *Land use conflicts and environmental planning (LUCLP)*. 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*. 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 reseau** (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. **Erasmus+ (2023-2024)** *Safeguarding intangible cultural heritage through transformative learning within community-based art. Project Coordinator: Sivistysliitto Kansalaisfoorumi SKAF ry- (Citizens' Forum – Finland)*
2. **Bridge2ERA (2019-2021)** *INLAND Innovative environmental governance for sustainable peri-urban landscapes*, Federal Ministry of Education and Research of Germany, P.I. Marcin Spyra
3. **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)**.
4. **PAI Brâncuși** *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. **ICUB \_UB** *Design of landscape networks with machine learning [LanDiServ](#)*. funded by University of Bucharest, Senior Grants **(2023-2024)**.

2. **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).
3. **CNCSIS-UEFISCSU** *Sustainable management of Subcarpathian landscapes: prioritizing methods and means*, funded by The National University Research Council in Romania (2006-2008).
4. **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. PN-IV-PRO-CoEx-2024 **RECOVER (2025-2031)** - Romanian Centre of Excellence on Biodiversity, Ecosystem Services and Society, Director de Proiect Tibor Hartel, UBB. Romanian Center of Excellence in Biodiversity, Ecosystem Services and Society (Recover) PN-IV-P6-6.1-CoEx-2024-0124
2. **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 - 2023), Director de proiect Carmen Mariana Chifiriuc
3. **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).
4. **POSDRU** Optimizarea procesului de inserție a absolvenților din domeniul geografie pe piața forței demuncă, *Geinsert*, Contract nr. POSDRU/86/1.2/S/57462, (2010 – 2013) *Manager de proiect*, Prof.univ. dr. Ioan Ianoș.
5. **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 23 [Google Academic/Scholar](#), Web of Science Hirsch-index: 15  
 49: ISI publications recorded : 18 as main author, 31 as co-author  
 17: Peer - reviewed publications (BDI)  
 12: Books and books chapters  
 47: 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. Vasilescu A.G., Pleșoianu Alin, **Pătru-Stupariu I (2023)** *Aspects of traditional agricultural landscapes: potential alternative development paths for sustainable agriculture – A review*, Biodiversity of Conservation, 32, pages 3703–3730. *All authors contributed equally to this work (see paper)*
2. **Pătru-Stupariu I., Niță A., (2022)**. *Impacts of the European Landscape Convention on interdisciplinary and transdisciplinary research*, Landscape Ecology, 37, 1211–1225.
3. **Pătru-Stupariu I., Fürst Ch, Stupariu M.S., Scheller R., (2022)**, *Interdisciplinary landscape analysis with novel technologies*, Editorial Landscape Ecology, 37, pages 1207–1210.
4. **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.

5. **Pătru-Stupariu I.**, Stupariu M.S., Stoicescu I., Peringer A., Buttler A., Fürst Ch. (2017) *Integrating geobiodiversity features in the analysis of landscape patterns*, Ecological Indicators 80: 363–375.
6. **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.
7. **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.
8. **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)

9. Radu T., **Pătru-Stupariu I.**, Mustăţea M., Fedorca A., Fedorca M., (2025) Landscape connectivity between improvement and caution, Annals of Forest Research, under review
10. **Pătru-Stupariu I.**, Mustăţea M., Niţă M.R., Clius M., (2024) Landscape fragmentation and connectivity as key variables on occurrence of human-wildlife interactions. Annals of Forest Research, 67(1): 55-76
11. **Pătru-Stupariu I.**, Ionescu A., Tudor R., Pleşoianu A., Clius M., (2022) *Online environment as a tool to push forward the research: an example for landscape disservices*, Land, 11(2), 234.
12. Mustăţea 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 Mustăţea M. contributed equally to this work (see pg.17)*
13. **Pătru-Stupariu I.**, Hossu C.A., Grădinaru S., Niţă A., Stupariu M., Huzui-Stoiculescu A., Athanasios Gavriliadis A. (2020) *A review of changes in mountain land use and ecosystem services: from theory to practice*. Land, 9 336.
14. **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.
15. **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)

16. 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)
17. **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.
18. **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. Gîlea A., **Pătru-Stupariu I.**, Gavrilidis A., Grădinaru S., Chirilă S.D., Florescu A.M., Mărgheșcu A.I., (2026), Conserving Red List plant species by managing landscape fragmentation and permeability, *Landscape Ecology*, 41-52
2. Vasilescu A.G., Vijulie I., Niță M.R., **Pătru-Stupariu I.**, (2025) The role of political support tools in preserving traditional agricultural landscapes, *Agroecology and Sustainable Food Systems*, <https://doi.org/10.1080/21683565.2025.2543389>
3. Stupariu M.S., Cushman S., **Pătru-Stupariu I** Pleșoianu A., Fürst Ch., (2021) *Artificial intelligence in environmental analyses: a review of recent approaches*. *Landscape Ecology*, **37**, pages 1227–1250
4. 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.
5. Năpăruș-Aljančić M., **Pătru-Stupariu I.**, Stupariu M-S. (2017) *Multiscale wavelet-based analysis to detect hidden geodiversity*. *Progress in Physical Geography*: 26, 601–619.
6. 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
7. 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.
8. Niță 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.
9. 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.
10. Tudor, C.A., Iojă, C. I., **Pătru-Stupariu, I.**, Niță, 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.
11. 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)

12. Gîlea N.A, **Pătru-Stupariu I** (2025) Environmental variables: key elements in the assessment of landscape permeability A review, *Landscape Research*, <https://doi.org/10.1080/01426397.2025.2502552>
13. 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>
14. 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*).

15. 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.
16. 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.
17. 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.
18. 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.
19. 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)

20. Gîlea N.A., **Pătru-Stupariu I.**, Clius M., (2024) Modeling landscape permeability using forest patches and environmental variables, *Procedia XII SGEM Vienna Green Extended Scientific Sessions, vol. 24, 3.2.* [https://epslibrary.at/sgem\\_jresearch\\_publication\\_view.php?page=view&editid1=10081](https://epslibrary.at/sgem_jresearch_publication_view.php?page=view&editid1=10081)
21. Radu T., Pătru-Stupariu I. Fedorca A., Mirea M., (2024) Structural connectivity analysis in the carpathian ecoregion: preliminary steps for developing landscape networks, *Procedia XII SGEM Vienna Green Extended Scientific Sessions vol.24,, 3.2.* [https://epslibrary.at/sgem\\_jresearch\\_publication\\_view.php?page=view&editid1=10084](https://epslibrary.at/sgem_jresearch_publication_view.php?page=view&editid1=10084)
22. Vasilescu A.G. Niță M., **Pătru-Stupariu I.**, (2022) *Methods for identifying the benefits associated with urban green infrastructure at different urban scales,* Carpathian Journal of Earth and Environmental Sciences 17, 1, p. 69 – 80; DOI:10.26471/cjees/2022/017/201
23. 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.
24. 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;
25. 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.
26. 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
27. 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
28. 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.
29. 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.
30. 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.

31. 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.
32. 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. Pașcu M., Petculescu, D., **Pătru-Stupariu I. (2023)** *Investigating Students' Perception of Online Assessment as a Result of the Interaction among the Extrinsic Assessment Factors on Students Psychological Characteristics* <https://www.mdpi.com/2227-7102/13/2/19>
2. **Pătru-Stupariu I.**, Petculescu, D, Pascu, M. (2021). Does the online education ensure the effectiveness of teaching and evaluation of Geography? Forum Geografic,XX,2,253-261
3. Pascu M., **Pătru-Stupariu I.**, (2021), *The Assessment of the Authenticity and Conservation Status of Cultural Landscapes in Southern Transylvania* , Geographies
4. 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
5. 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
6. 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
7. 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
8. 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
9. 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.
10. **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.
11. Stupariu M.S., **Pătru-Stupariu I.**, Cuculici R. (2010) *Geometric approaches in computing 3D landscape metrics*. Landscape Online 24:1-12.

### **Books and books chapters (selection)**

1. Pascu M., **Pătru-Stupariu, I. (2024)** Safeguarding intangible cultural heritage through transformative learning within community-based art, or HEART, Digital book <https://test.eduheart.eu/toolkit>
2. Cristian Iojă, Niță M., **Stupariu I. (2014)**, Resource Conservation: Key Elements in Sustainable Rural Development, in Andreopoulou, Z., Samathrakakis, V., Louca, S., Vlachopoulou, M. (eds.), E-Innovation for Sustainable Development of Rural Resources During Global Economic Crisis, **IGI Global Press**, 80-98.
3. Angelstam, P., Elbakidze, M., Axelsson, R., Čupa, P., Halada, L., Molnar, Z., **Pătru-Stupariu, I.**, Perzanowski, K., Rozyłowicz, L., Standovar, T., Svoboda, M., Törnblom, J. (2013) *Maintaining cultural and natural biodiversity in the Carpathian Mountain ecoregion: need for an integrated landscape approach*. In: Kozak J., Ostapowicz K., Bytnerowicz A., Wyżga B. (Eds.) The Carpathians: Integrating Nature and Society Towards Sustainability, **Springer**. ISBN 978-3-642-12724-3.

## Professional visibility (*International recognition*)

### **International Associations**

1. **Leader of IALE Romania**. IALE - International Association of Landscape Ecology
2. **Leader of WG EDU (2017-2019)** - 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
4. **ELI-Partner: European Land-use Institute**, leader for Romania

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

1. **Editorial Boards Landscape Ecology**, IF 5,3 (Q1)
2. **Editorial Boards Land**, IF 3.9 (Q2)
3. **Editorial Board/ Landscape Series Springer's innovative Landscape Series/Books**
4. **Guest Editor**: Special Issue „ Landscape analysis from interdisciplinary approaches towards application of novel technologies,, [Journal Landscape Ecology](#) (3.385, Q1)
5. **Guest Editor**: Collection *Land Systems in Transition: Challenges, Approaches, and Pathways for a Sustainable Development* [Journal Land](#) (IF, 3,398,Q2)
6. **Guest Editor**: Special Issue "*Land Systems in Transition between Persistence and Change*", [Journal Land](#) (IF, 2.429,Q2)
7. **Guest Editor**. *Procedia Environmental Sciences*, **Elsevier**, Volume 14, Pages: 98-110, DOI: 10.1016/j.proenv.2012.03.010; 2012, [Procedia Environmental Sciences](#) (Q3)
8. **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: Landscape Ecology, 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, Ecosystem Services.

### **Expert evaluator for international and national projects.**

I have been invited to review projects for [EU](#)- 2024- Horizon Europe Call on Digital for Nature and HORIZON-CL6-2024-BIODIV-01-7 [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, PD,TE, PCE,SIPOCA,PED, , (2004-2008,2017,2019,2020,2022), **PNRR**, I8 pilar III, 2023; 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, 2022-2 – publication of ISI papers).

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

- 2005 Main organizer: International Conference – AUF *Teledetection*, Bucharest
- 2011 Main organizer: International Conference – Environment – Landscape – European Identity, Bucharest , *Procedia Environmental Sciences, Elsevier* Volume: 14 Pages: 98-110 DOI: 10.1016/j.proenv.2012.03.010 Publicat: 2012, <http://www.sciencedirect.com/science/journal/18780296> <http://geo.portiledefier.ro>
- 2013 Main organizer: International workshop: The first meeting of IALE Romania, *Landscape Ecology - linking Nature and Human Dimensions.*, 1,2 November Bucharest <http://landscape.cc.unibuc.ro/iale/news.php>
- 2015 Main organizer: International workshop: The first meeting of IALE Romania, *Landscape Ecology Days*, 4-8 September, Bucharest
- 2017 Co- organizer: International workshop : 3D Landscapes. Metrics, techniques and applications., IALE 2017 European Congress, Ghent 12-15 september 2017 <http://www.iale-europe.eu/iale2017/3d-landscapes-metrics-techniques-and-applications>
- 2019 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](#)
- 2025 *Artificial intelligence in landscape analysis*, Workshop, WSL Birmensdorf, ETH Zurich

## 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

2011-2027 Member of scientific committee of Department of Regional Geography and Environment

2011-2015 Member of scientific committee of Doctoral School Simion Mehedinti, Faculty of Geography, University of Bucharest

2020-2025 Member of scientific committee of Doctoral School Simion Mehedinti, Faculty of Geography, University of Bucharest

2019 -2023 [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.

Date

11 05 2026