

**Ileana Stupariu – Domeniul/Specializarea: Geografie/ Cercetarea mediului/ *Geography/ Environmental research***

<b><i>Direcții de cercetare/ Research interests</i></b>	<b><i>Domenii/ Topics</i></b>
1. Ecologia peisajului/ <i>Landscape ecology</i>	1.1. Dinamica și modelarea peisajului/ <i>Modelling of landscape dynamics</i> 1.2. Fragmentarea, conectivitatea, permeabilitatea peisajului/ <i>Landscape: connectivity fragmentation, permeability</i> 1.3. Rezilenta peisajelor agricole tradiționale/ <i>Traditional agricultural landscapes.</i> 1.4. Rețele de peisaj/ <i>Network landscape</i>
2. Peisaj natural/ cultural/ <i>Natural and cultural landscape</i>	2.1. Abordări geografice pe interfața peisaj natural/societate/ <i>Geographic approaches (nature and society).</i> 2.2. Reziliența peisajelor naturale, culturale/ <i>Landscape resilience</i>
3. Planificarea peisajului/ <i>Landscape planning</i>	3.1. Abordare participativă/ <i>Participatory approach</i>
4. Abordări interdisciplinare/ <i>Interdisciplinary approaches</i>	4.1. Folosirea AI în modelarea peisajului/ <i>Using AI in landscape modelling</i>

**Bibliografie/ References**

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2. Pătru-Stupariu I., Niță A., (2022). *Impacts of the European Landscape Convention on interdisciplinary and transdisciplinary research* Landscape Ecology, 37, 1211–1225.
3. Stupariu M.S., Cushman S., Pătru-Stupariu I. Pleșoianu A., Fürst Ch., (2022) *Artificial intelligence in environmental analyses: a review of recent approaches.* Landscape Ecology, 37, pages 1227–1250
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 geo-biodiversity features in the analysis of landscape patterns,* Ecological Indicators 80: 363–375
6. Năpăruș-Aljančić M., Pătru-Stupariu I., Stupariu M-S. (2017) *Multiscale wavelet-based analysis to detect hidden geodiversity.* Progress in Physical Geography : 26, pp. 601–619
7. 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
8. Pătru-Stupariu I., Stupariu M.S, Tudor C.A., Grădinaru S.R., Gavrilidis 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.