

**FIȘA DE VERIFICARE PRIVIND ÎNDEPLINIREA STANDARDELOR MINIMALE, NECESARE ȘI OBLIGATORII**

**Prof. Univ. Dr. Petru URDEA**

	Tipul activităților	Indicatori			
		Standard minimal		Standard realizat	
		Nr. articole $\geq 5$	AIS $\geq 3.5$	Nr. articole 30	AIS 33,953
<b>1.</b>	<b>Articole științifice ca autor principal în reviste cu factor de impact în baza de date Web of Science</b>				
	1. Urdea, P. (1992), Rock glaciers and periglacial phenomena in the Southern Carpathians, Permafrost and Periglacial Processes, 3, 3, 267-273.				0,717 (2011)
	2. Urdea, P. (1995), Quelques considerations concernant des formations de pente dans les Carpathes Meridionales, Permafrost and Periglacial Processes, 6, 2, 195-206.				0,717 (2011)
	3. Vespremeanu-Stroe, A., Urdea, P., Popescu, R., Vasile, M. (2012), Rock Glacier Activity in the Retezat Mountains, Southern Carpathians, Romania, Permafrost and Periglacial Processes, 23, 2, 127–137				2,375
	4. Rotar, A., Simon, L., Urdea, P., Voiculescu, M., (2012), A study of institutional stakeholders' views on biodiversity in Romania, Carpathian Journal of Earth and Environmental Sciences, 7, 2, 219 –230.				0,222
	4. Ardelean, F., Drăguț, L., Urdea, P., Török-Oance, M., (2013), Variations in landform definition: a quantitative assessment of differences in mapping of glacial cirques in the Țarcu Mountains (Southern Carpathians, Romania), Area, 45,3, 348-357				1,152
	5. Onaca, A., Urdea, P., Ardelean, A.C. (2013), Internal structure and permafrost characteristics of the glaciers of Southern Carpathians (Romania) assessed by geoelectrical soundings and thermal monitoring, Geografiska Annaler, Series A: Physical Geography, 95, 3, 249-266				0,776
	6. Kuhlemann, J. Dobre, F., Urdea, P., Krumrei, I., Gachev, E., Kubik, P., Rahn, M. (2013), Last Glacial Maximum glaciation of the central South Carpathian range (Romania), Austrian Journal of Earth Sciences, 162, 2, 83-95.				0,769
	7. Onaca, A., Urdea, P., Ardelean, A., Șerban, R., (2013), Assessment of internal structure of periglacial landforms from Southern Carpathians (Romania), using DC resistivity tomography, Carpathian Journal of Earth and Environmental Sciences, 8, 2, 113-122				0,179
	8. Chiroiu, P., Stoffel, M., Onaca A., Urdea, P., (2015), Testing dendrogeomorphic approaches and thresholds to reconstruct snow avalanche activity in the Făgăraș Mountains (Romanian Carpathians), Quaternary Geochronology, 27, 1–10				1,562
	9. Onaca, A., Ardelean, A. C., Urdea, P., Ardelean, F., Sîrbu, F. (2015), Detection of mountain permafrost by combining conventional geophysical methods and thermal monitoring in the Retezat Mountains, Romania, Cold Regions Science and Technology, 119, 111-123.				1,549

10. Ardelean, A.C., Onaca, A., Urdea, P., Șerban, R.D., Sârbu, F., 2015. A first estimate of permafrost distribution from BTS measurements in the Romanian Carpathians (Retezat Mountains). <i>Géomorphologie: Relief, processus, Environment</i> , 21 (4), 297-312.	0,339
11. Șerban, R.D., Onaca, A., Urdea, P., Popescu, M. (2015), Multivariate prediction model for block streams occurrence in Retezat Mountains (Southern Carpathians), <i>Carpathian Journal of Earth and Environmental Sciences</i> , 10, 1, 113-122.	0,212
12. Necsoiu, M., Onaca, A., Wigginton, S., Urdea, P. (2016), Rock glacier dynamics in Southern Carpathian Mountains from high-resolution optical and multi-temporal SAR satellite imagery, <i>Remote Sensing of Environment</i> , 177, 21–36,	1,799
13. Ruszkiczay-Rüdiger, Z., Kern, Z., Urdea, P., Braucher, R., Madarász, B., Schimmelpfennig, I. (2016) - Revised deglaciation history of the Pietrele–Stânișoara glacial complex, Retezat Mts, Southern Carpathians, Romania, <i>Quaternary International</i> , 415, 216–229	1,074
14. Dornik, A., Drăguț, L., Urdea, P., 2016, Knowledge-based soil type classification using terrain segmentation, <i>Soil Research (IF 2016 – 1.606)</i> , 54,7, 809-823,	0,665
15. Artugyan, L., Urdea, P. (2016), Using Digital Elevation Model (DEM) in karst terrain analysis. Study case: Anina Mining Area (Banat Mountains, Romania), <i>Carpathian Journal of Earth and Environmental Sciences.</i> , 11, 1, 55-64.	0,230
16. Mezösi, G., Blanka, V., Ladányi, Z., Bata, T., Urdea, P., Frank, A., Meyer, B.C. (2016), Expected mid- and long-term changes in drought hazard for the south-eastern carpathian basin, <i>Carpathian Journal of Earth and Environmental Sciences</i> , 11, 2, 355–366	0,230
17. Popescu, M., Șerban, R.D., Urdea, P., Onaca, A., (2016), Conventional geophysical surveys for landslide investigations: two case studies from Romania, <i>Carpathian Journal of Earth and Environmental Sciences</i> , 11, 1, 281 – 292.	0,230
18. Onaca, A., Ardelean, A.C., Urdea, P., Ardelean, F., Sărășan, A., (2016). Genetic typologies of talus deposits derived from GPR measurements in the alpine environment of Făgăraș Mountains, <i>Carpathian Journal of Earth and Environmental Sciences</i> , 11, 609-616,	0,230
19. Timofte, F., Onaca, A., Urdea, P., Pravetz, T., (2016). The evolution of Mureș channel in the lowland section between Lipova and Nădlac (in the last 150 years), assessed by GIS analysis. <i>Carpathian Journal of Earth and Environmental Sciences</i> , 11, 2, 319 - 330	0,230
20. Onaca, A., Ardelean, F., Urdea, P., Magori, B., (2017), Southern Carpathian rock glaciers: inventory, distribution and environmental controlling factors, <i>Geomorphology</i> , 293, 391-404.	1,574
22. Dornik, A., Drăguț, L., Urdea, P., 2017, Classification of soil types using geographic object-based image analysis and Random Forest, <i>Pedosphere</i> , 28, 6, 913–925 IF: 2.430.	0,969
23. Ardelean, A.C., Onaca A., Urdea, P., Sărășan, A., 2017, Quantifying postglacial sediment storage and denudation rates in a small alpine catchment of the Făgăraș Mountains (Romania), <i>The Science of the total environment</i> , 599-600, 1756–1767.	1,901
24. Oliva, M., Žebreb, M., Guglielmin, M., Hughes, P.D., Çiner, A., Vieira, G., Bodin, X., Andrés, N., Colucci, R.R., García-Hernández, C., Mora, C., Nofre, J., Palacios, D., Pérez-Alberti, A., Ribolini, A., Ruiz-Fernández, J., Sarıkaya, M.A., Serrano, E., <b>Urdea, P.</b> , Valcárcel, M., Woodward, J.C., Yıldırım, C., 2018, Permafrost conditions in the Mediterranean region since the Last Glaciation, <i>Earth-Science Reviews</i> , 185, 397–436. IF: 9.452.	5,993

25. Chetan, M.A., Dornik, A., <b>Urdea, P.</b> , 2018, Analysis of recent changes in natural habitat types in the Apuseni Mountains Romania, using multi-temporal Landsat satellite imagery 1986–2015, <i>Applied Geography</i> , 97, doi: 10.1016/j.apgeog.2018.06.007 IF -3,75.	1,694
26. Hegyi, A., <b>Urdea, P.</b> , Floca, C., Ardelean, A., Onaca, A., 2018, Mapping the subsurface structures of a lost medieval village in South-Western Romania by combining conventional geophysical methods, <i>Archaeological Prospection</i> , 26, 2, doi.org/10.1002/arp.1720, IF: 1,5.	0,442
27. Șerban, R., Onaca, A., Popescu, M., <b>Urdea, P.</b> 2019, Block stream characteristics in Southern Carpathians Romania, <i>Catena</i> , 178, 20-31, doi: 10.1016/j.catena.2019.03.003, IF:3,256.	1,842
28. Gumnior, M., Herbig, C., Krause, R., <b>Urdea, P.</b> , Ardelean, A.C., Bălărie, A., Stobbe, A., 2020, Palaeoecological evidence from buried topsoils and colluvial layers at the Bronze Age fortification Cornești-Iarcuri, SW Romania: results from palynological, sedimentological, chronostratigraphical and plant macrofossil analyses, <i>Vegetation History and Archaeobotany</i> , 29, 173–188, IF: 2.523.	2,021
29. Magori, B., <b>Urdea, P.</b> , Onaca, A., Ardelean, F., 2020, Distribution and characteristics of rock glaciers in the Băneasa Peninsula, <i>Geografiska Annaler: Series A, Physical Geography</i> , 102, 4, 354-375 IF: 1.881	1,262
30. Sipos, G., Marković, S.B., Gavrilov, M.B., Balla, A., Filyó, D., Bartyik, T., Mészáros, M., Tóth, O., van Leeuwen, Lukic, T., <b>Urdea, P.</b> , Onaca, A., Mezösi, G., Kiss, T., 2021, Late Pleistocene and Holocene aeolian activity in the Delib Sands, Serbia, <i>Quaternary Research</i> , 1–12, doi:10.1017/qua.2021.67	1,228

2.	Articole în reviste BDI (doar începând cu anul 2000)	standard minimal 3 (22 articole)	Realizat DA
1	Urdea, P., Vuia, F. (2000) - Aspects of the periglacial relief in the Parâng Mountains, <i>Revista de Geomorfologie</i> , 2, 35-39.		
2	Urdea, P. Drăguț, L. (2000) – Noi date asupra reliefului glaciar și periglaciuar din Munții Șureanu, <i>Studii și cercetări de geografie</i> , XLVII, 40-53.		
4	Urdea, P. (2000) - Un permafrost de joasă altitudine la Detunata Goală (Munții Apuseni), <i>Revista de Geomorfologie</i> , 2, 173-178.		
5	Urdea, P. (2001), Relieful periglaciuar și individualizarea reliefului alpin în Carpații Meridionali, <i>Revista de Geomorfologie</i> , 3, 39-46.		
6	Urdea, P. (2001), Glacial relief and pleistocene glaciation in Retezat Mountains (Transylvanian Alps, Romania), <i>Geographica Pannonica</i> , 5, 4-7.		
7	Urdea, P., Vuia, F., Ardelean, M., Voiculescu, M., Török-Oance, M. (2002-2003), Considerații preliminare asupra elevației periglaciare în etajul alpin al Carpaților Meridionali, <i>Revista de Geomorfologie</i> , 4-5, 5-13.		

8	Urdea, P., Vuia, F., Ardelean, M., Voiculescu, M., Török-Oance, M. (2004), Investigations of some present-day geomorphological processes in the alpine area of the Southern Carpathians (Transylvanian Alps), <i>Geomorphologia Slovaca</i> , 4 1, 5-11.	
9	Urdea, P. (2007), About some geomorphological aspects of the polar beaches, <i>Revista de Geomorfologie</i> , 9, 5-16.	
10	Urdea, P., Török-Oance, M., Ardelean, M., Vuia, F., Voiculescu, M. (2009), Aspects of human geomorphological impact in alpine area of Southern Carpathians (Romania), <i>Croatian Geographical Bulletin</i> , 71, 2, 19-32.	
11	Vespremeanu-Stroe, A., Urdea, P., Tătui, F., Constantinescu, Ș., Preoteasa, L., Vasile, M., Popescu, R. (2008), Date noi privind morfologia lacurilor glaciare din Carpații Meridionali, <i>Revista de geomorfologie</i> , 10, 73-87.	
12	Urdea, P., Török-Oance, M., Ardelean, M., Vuia, F., Voiculescu, M. (2009), Aspects of human geomorphological impact in alpine area of Southern Carpathians (Romania), <i>Croatian Geographical Bulletin</i> , 71, 2, 19-32.	
13	Urdea, P. (2009), Some new data concerning the Quaternary Glaciation in the Romanian Carpathians, <i>Geographica Pannonica</i> , 13, 2, 41-52.	
14	Ardelean, F., Török-Oance, M., Urdea, P., Onaca, A. (2011), Application of object based image analysis for glacial cirques detection. Case study: the Țarcu Mountains (Southern Carpathians), <i>Forum geografic.</i> , 10, 1, 20-26.	
15	Urdea, P., Țambriș, A. (2014), Spontaneous Potential Investigations in Semenic Mountains, <i>Studia Univ. „Babeș-Bolyai, Geographia</i> , LIX, 2, 25-46.	
16	Artugyan, L., Urdea, P. (2014). Using Spontaneous Potential (SP) as a geophysical method for karst terrains investigation in Mărghițaș Plateau (Banat Mountains, Romania), <i>Revista de Geomorfologie</i> , 16, 45-53.	
17	Onaca, A., Magori, B., Urdea, P., Chiroiu, P., (2015), Near surface thermal characteristics of alpine steep rockwalls in the Retezat Mountains, <i>Forum geografic. Studii și cercetări de geografie și protecția mediului</i> , XIV, 2, 124-133.	
18	Onaca, A., Magori, B., Urdea, P., Chiroiu, P., (2015), Near surface thermal characteristics of alpine steep rockwalls in the Retezat Mountains, <i>Forum geografic. Studii și cercetări de geografie și protecția mediului</i> , XIV, 2, 124-133.	
19	Șerban, R.D., Sipos, G., Popescu, M., Urdea, P., Onaca, A., Ladányi, Z. (2015), Comparative grain-size measurements for validating sampling and pretreatment techniques in terms of solifluction landforms, Southern Carpathians, Romania, <i>Journal of Environmental Geography</i> , 8, 1–2, 39–47.	
20	Chetăn, M., A., Dornik, A., <b>Urdea, P.</b> , 2017, Comparison of Object and Pixel-based Land Cover Classification through Supervised Methods, <i>ZFV – Zeitschrift fur Geodasie, Geoinformation und Landmanagement</i> , 1425, 265-270, 10.12902/zfv-0165-2017	
21	Bartyik, T., Sipos, G., Filyó, D., Kiss, T., <b>Urdea, P.</b> , Timofte, F., 2021, Temporal relationship of increased palaeodischarge and Late Glacial deglaciation phases on the catchment of river Maros/Mureș, Central Europe, <i>Journal of Environmental Geography</i> , 14, 3–4, 39–46, doi: 10.2478/jengeo-2021-0010.	
22	Kern, Z., Árvai, M., <b>Urdea, P.</b> , Timofte, F., Antalfi, E., Fehér, S., Bartyik, T., Sipos, G., 2022, First report dendrochronological and radiocarbon studies of subfossil driftwood recovered across the Mures_/Maros Alluvial Fan, <i>Central European Geology</i> , doi:10.1556/24.2021.00120	

<b>3.</b>	<b>Vizibilitatea articolelor științifice</b>	<b>Indice Hirsh minimal<math>\geq</math>4 (ISI Web of Science)</b>	<b>Indice Hirsh realizat 14</b>
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<b>4.</b>	<b>Capacitatea de susținere a activităților de cercetare (Lider/director în 3 granturi naționale/internaționale cu valoare de cel puțin 100000 lei)</b>	<b>Valoare</b>
	Grant CNCSIS 63/4 (1999-2002) „ Studiul proceselor morfodinamice actuale din zona alpină a Carpaților Meridionali, din perspectiva gestiunii durabile a zonelor montane”.	124480 Lei
	Grant CNCSIS 255/14 (2003-2004) „Procese geomorfologice actuale din domeniul alpin al Carpaților Meridionali în perspectiva schimbărilor climatice globale”	171136 Lei
	Grant CNCSIS 137/14 (2004) „Laborator de Sisteme Informaționale Geografice, cartografie digitală, organizarea și amenajarea teritoriului”	305478 Lei
	Grant CEEX 738/2006-2008 „Ipactul schimbărilor climatice asupra dinamicii holocene și actuale a mediilor alpine din Carpații Românești. Implicații în gestiunea riscului și amenajarea peisajului., MEDALP” (6,4 mld. Lei).	640000 Lei
	Grant HURO 0901/266/2.2.2 (2011-2012) - Research of past, present and FUTUre Lower MARros/Mures River in relation with Climatic change and sustainable human management-FUTUMAR	61960 Euro
	Grant HURO 1101/126/2.2.1 (2012-2015) - Development of complex Geochronological and Geophysical laboratories for saving Archaeological heritage and solving Environmental problems – ENVIARCH	267350 Euro

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