Conf. univ. dr. Mihai Ciprian Mărgărint

FIȘA DE ÎNDEPLINIRE A STANDARDELOR IOSUD-UAIC, DOMENIUL GEOGRAFIE, COMISIA ȘTIINȚELE PĂMÂNTULUI

Abilitare

Criteriul 1. Articole ştiinţifice. 5 articole ca autor principal în reviste cu factor de impact în baza de date Web of Science, cu AIS cumulat > = 3,5; 3 articole în reviste BDI

Articole ca autor principal în reviste cu factor de impact în baza de date Web of Science

Nr.	Articol	AIS*
1.	**Mărgărint, M.C., Kovačić, S. Albulescu, A.-C., Miljković, Đ. (2023), Natural multi-hazard risk perception and educational insights among Geography and Tourism students and graduates amid the COVID-19 pandemic. Int. J. Disaster Risk Reduct., 86, 103549, https://doi.org /10.1016/j.ijdrr.2023.103549.**	**0,865**
2.	**Mărgărint, M.C., Niculiță, M., Roder, G., and Tarolli, P. (2021), Risk perception of local stakeholders on natural hazards: implications for theory and practice, Nat. Hazards Earth Syst. Sci., 21, 3251–3283, https://doi.org/10.5194/nhess-21-3251-2021.**	**1,052**
3.	**Mărgărint, M.C., Niculiţă, M., Nemeth A., Cristea A.I., Doru, S. C. (2021), The reconstruction of an abandoned historical reservoir network in a continental temperate climate region using a multi-method approach, Appl. Geogr., 130, 102447, https://doi.org/10.1016/j.apgeog.2021.102447.**	**1,027**
4.	**Niculiţă, M., Mărgărint, M.C., Cristea, A.I. (2019), Using archaeological and geomorphological evidence for the establishment of a relative chronology and evolution pattern for Holocene landslides. PLoS ONE 14(12): e0227335. https://doi.org/10.1371/journal.pone.0227335.**	**0,928**
5.**	**Mărgărint, M.C., Grozavu, A., Patriche, C.V. (2013), Assessing the spatial variability of coefficients of landslide predictors in different regions of Romania using logistic regression, Nat. Hazards Earth Syst. Sci., 13, 3339–3355, https:// doi.org/10.5194/nhess-13-3339-2013.**	**0,538**
	TOTAL (primele 5 lucrări ca autor principal)	**4,41**
6.***	Kovačić, S., **Mărgărint, M.C.**, Ionce, R., Miljković, Đ. (2020), What are the Factors affecting Tourist Behavior based on the Perception of Risk? Romanian and Serbian Tourists' Perspective in the Aftermath of the recent Floods and Wildfires in Greece, Sustainability, 12(16), 6310, https://doi.org/10.3390/su12166310.	0,462
7.***	Văculişteanu, G., Niculiţă, M., **Mărgărint, M.C.** (2019), Natural Hazards and Their Impact on Rural Settlements in NE Romania. Open Geosciences, Open Geosciences, 11, 765-782, https://doi.org/10.1515/geo-2019-0060.	0,194
	TOTAL (toate cele 7 lucrări ca autor principal)	5,066

* AIS(Article Influence Score) al revistei la în anul publicării articolului

** autor cu contribuție egală, specificat în articol

*** autor corespondent

Articole în reviste BDI

Nr.	Articol
1.	Văculișteanu, G., Doru, S.C., Necula, N., Niculiță, M**., Mărgărint, M.C.** (2023), One Century of Pasture Dynamics in a Hilly Area of Eastern Europe, as Revealed by the Land-Use Change Approach, Sustainability 2023, 15, 406. https://doi.org/10.3390/su15010406.
2.	Guo, C., Wesche, K., **Mărgărint, M.C.**, Nowak, A., Dembicz, I.,Wu, J. (2022) Climate overrides fencing and soil mineral nutrients to affect plant diversity and biomass of alpine grasslands across North Tibet, Front. Plant Sci. 13:1024954. doi: 10.3389/fpls.2022.1024954.
3.	Chen, B., Chen, H., Li, M., Fiedler, S., **Mărgărint, M.C.**, Nowak, A., Wesche, K.,Tietjen, B., Wu, J. (2022), Climate Sensitivity of the Arid Scrublands on the Tibetan Plateau Mediated by Plant Nutrient Traits and Soil Nutrient Availability. Remote Sens. 2022, 14, 4601. https://doi.org/10.3390/rs14184601.
4.	Wu, J., Li, M., Zhang, X., Fiedler, S., Gao, Q., Zhou, Y., Cao, W., Hassan, W., **Mărgărint, M.C.**, Tarolli, P., Tietjen, B. (2020), Disentangling climatic and anthropogenic contributions to nonlinear dynamics of alpine grassland productivity on the Qinghai-Tibetan Plateau, J. Env. Manag., 281, 111875, https://doi.org/10.1016/j.jenvman.2020.111875.
5.	Bălteanu, D., Micu, M., Jurchescu, M., Malet, J.-P., Sima, M., Kucsicsa, G., Dumitrică, C., Petrea, D., **Mărgărint, M. C.**, Bilaşco, Ş., Dobrescu, C.-F., Călăraşu, E.-A., Olinic, E., Boţi, I., and Senzaconi, F. (2020), National-scale susceptibility map of Romania in a European methodological framework, Geomorphology, 371, 107432, https://doi.org/10.1016/j.geomorph.2020.107432.
6.	Niculiță, M., **Mărgărint, M.C.**, Tarolli, P. (2020), Using UAV and LIDAR data for gully geomorphic changes monitoring. In: Tarolli P., Mudd S. (Eds.), Remote Sensing of Geomorphology, 1st Edition, Elsevier book series Developments in Earth Surface Processes, Vol. 23, 271-315, https://doi.org /10.1016/B978-0-444-64177-9.00010-2.
7.	Niculita, M., **Margarint, M.C.**, Necula, N., Chiriloaiei, F. Stoilov-Linu, V. (2020), Geomorphological and geophysical investigations of Costești compound landslide, Geophysical Research Abstracts, 2019, v. 21, p. 1,
8.	Niculiţă, M., **Mărgărint, M. C.** (2017), Landslides and Fortified Settlements as Valuable Cultural Geomorphosites and Geoheritage Sites in the Moldavian Plateau, North-Eastern Romania, Geoheritage, 1-22, https://doi.org/10.1007/s12371-017-0261-0.
9.	**Mărgărint, M.C.**, Niculiţă, M., (2017) Landslide type and pattern in Moldavian Plateau, NE Romania. In: Rădoane, M., Vespremeanu-Stroe, A. (Eds.), Landform Dynamics and Evolution in Romania, Springer, ISBN 978-3-319-32589-7 pp.. 271-304, http://www.springer.com/us/book /9783319325873.
10.	Micu M., Jurchescu M., Şandric I., **Mărgărint M.C.**, Chiţu Z, Micu D., Ciurean L., Ilinca V., Vasile M. (2017), Mass Movements, In: Rădoane, M., Vespremeanu-Stroe, A. (Eds.), Landform Dynamics and Evolution in Romania, Springer, ISBN 978-3-319-32589-7, pp. 765-820, http://www. springer.com/us/book/9783319325873.
11.	Butnariu G. T., Stătescu F., **Mărgărint M.C.**, Niculiţă M (2016), The recent evolution of the Prut River channel in the territorial administrative unit of Prisăcani commune – Iaşi county, RevCAD Journal of Geodesy and Cadastre, 22, 31-40, http://revcad.uab.ro/index.php?pagina=pg&id =3&rev=da&id_rev=41&modul=rev.
12.	Niculiţă, M., **Mărgărint, M.C.**, Santangelo, M. (2016), Archaeological evidence for Holocene landslide activity in the Eastern Carpathian lowland, Quaternary International (IF 2.067), 415, 175-189 DOI: http://dx.doi.org/10.1016/j.quaint.2015.12.048.
13.	Grozavu A., Pleşcan S., **Mărgărint M.C.** (2013), Indicators for the Assessment of Exposure to

	Geomorphologic and Hydrologic Processes, Environmental Engineering and Management Journal, 12, 2203-2210, http://omicron.ch.tuiasi.ro/EEMJ/issues/vol12/vol12no11.htm.
14.	Grozavu A., Pleşcan S., Patriche C. V., **Mărgărint M.C.**, Roşca B. (2013), Landslide Susceptibility Assessment: GIS Application to a Complex Mountainous Environment, in: Kozak J., Ostapowicz K., Bytnerowicz A., Wyzga B. (Eds.) Integrating Nature and Society towards Sustainability, Springer Verlag, ISBN 978-3-642-12724-3, pp. 31-44, http://link.springer.com/chapter/10.1007%2F978-3-642-12725-0_4
15.	**Mărgărint M.C.**, Juravle D. T., Grozavu A., Patriche C. V., Pohrib M., Stângă I. (2013), Large Landslide Risk Assessment in Hilly Areas. A Case Study of Huşi Town Region (East of Romania), Italian Journal of Engineering Geology and Environment, Book Series (6), pp. 275-286, Sapienza Università Editrice, http://www.ijege.uniroma1.it/rivista/international-conference-on-vajont-1963-2013-thoughts-and-analyses-after-50-years-since-the-catastrophic-landslide/topic-2-predicting-large-landslide-phenomena/large-landslide-risk-assessment-in-hilly-areas-a-case-study-of-husi-town-region-north-east-of-romania/
16.	Grozavu A., **Mărgărint M.C.**, Patriche C. V. (2012), Landslide susceptibility assessment in the Brăieşti-Sineşti sector of Iaşi cuesta, Carpathian Journal of Earth and Environmental Sciences, Vol. 7, No.1., 39-46 pp., ISSN 1842-4090, (IF=1,450), http://www.ubm.ro/sites/CJEES/viewTopic.php?topicId=190.
17.	**Mărgărint M.C.**, Grozavu A., Dimitriu R.I. (2012), La dynamique des surfaces boisées dans les cent vingt dernières années des bassins hydrographiques de Ozana et Topoliţa (Carpates Orientales, Roumanie), Terres hautes – terres basses: disparités, Histoire des Alpes, 17, ISBN 978-3-0340-1130-3, ISSN 1660-8070, pp. 165-177, Chronos Verlag, Zürich.
18.	**Mărgărint M.C.**, Grozavu A., Patriche C. V., Tomaşciuc A.-M.I., Urdea R., Ungurianu I. (2011), Évaluation des risques de glissements de terrain par la méthode de la régresion logistique: application à deux zones basses de Roumanie, Dynamiques environnementales, 28, pp. 41-50, ISBN 978-2-86781-800-4, ISSN 1968-469X, Bordeaux.
19	Grozavu A., **Mărgărint M.C.**, Pleşcan S. (2011), Comparative methods for the evaluation of the natural risk factor'simportance, Present Environment and Sustainable Development, Vol. 5, no. 1, pp. 33-40, ISSN 1843-5971, Iaşi.
20.	**Mărgărint M.C.**, Grozavu A., Pleşcan S., Vasiliniuc I. (2010), GIS applications in the analysis of territorial evolution of localities, An. Şt. ale Univ. "Alexandru Ioan Cuza", s. II-c, Geografie, Lucr. Simp. „Sisteme informaţionale geografice" Nr. 15, pp. 67-78, ISSN 1223-5334, Iaşi.
21.	Grozavu A., **Mărgărint M.C.**, Patriche C. V. (2010), GIS applications for landslide susceptibility assessment: a case study in Iaşi County (Moldavian Plateau, Romania), Risk Analysis VII & Brownfields V, WIT Press, pp. PI 393-404 ISBN: 978-1-84564-472-7, WIT Transactions on Information and Communication Technologies, vol 43, ISSN: 1743-3517, Southampton, Boston.
22.	**Mărgărint, M.C.**, Grozavu, A., Condorachi, D., Pleşcan, S., Boamfă, I. (2010), Geomorphometric Features of the Built Areas of the localities along Iaşi Cuesta, Geographia Tehnica, Nr. 10, 2, 79-89.

Criteriul 2. Vizibilitatea articolelor ştiinţifice (Abilitare Indicele Hirsch > = 4) = 9 (fără autocitări)

Articol citat/articol care citează		**Citări WoS**
1.	Wu, J., Li, M., Zhang, X., Fiedler, S., Gao, Q., Zhou, Y., Cao, W., Hassan, W., **Mărgărint, M.C.,** Tarolli, P., Tietjen, B. (2020), Disentangling climatic and anthropogenic contributions to nonlinear dynamics of alpine grassland productivity on the Qinghai-Tibetan Plateau, J. Env. Manag., 281, 111875, https://doi.org/10.1016/j.jenvman.2020.111875.	**52**
1.	Liu, X., Zhao, W., Yao, Y., Pereira, P. (2024) The rising human footprint in the Tibetan Plateau threatens the effectiveness of ecological restoration on vegetation growth, Journal of Environmental Management, 119963, https://doi.org/10.1016/j.jenvman.2023.119963.	
2.	Jiang, X., Qu, Y., Zeng, H., Yang, J.,Liu, L., Deng, D., Ma, Y., Chen, D., Jian, B., Guan, L., He, L. (2024) Long-term ecological restoration increased plant diversity and soil total phosphorus content of the alpine flowing sand land in northwest Sichuan, China, Heliyon,https://doi.org/10.1016/j.heliyon.2024.e24035.	
3.	Liu, W., Mo, X., Liu, S.,, Lu, C. (2024) Impacts of climate change on grassland fractional vegetation cover variation on the Tibetan Plateau, Sci. Total Env., 939, 173320, https://doi.org/10.1016/j.scitotenv.2024. 173320.	
4.	Chen, Y., Zhang, T., Zhu, X., Yi, G., Li, J., Bie, X., Hu, J., Liu, X. (2024) Quantitatively analyzing the driving factors of vegetation change in China: Climate change and human activities, Ecol. Informatics, 82, 102667, https://doi.org/10.1016/j.ecoinf.2024.102667.	
5.	Gao, J., Liang, T., Zhang, D., Liu, J., Feng, Q., Wu, C., Wang, Z., Zhang, X. (2024) Hyperspectral remote sensing of forage stoichiometric ratios in the senescent stage of alpine grasslands, Field Crop Res., 313, 109427, https://doi.org/10.1016/j.fcr.2024.109427.	
6.	Li, Q., Gao, X., Li, J., Yan, A., Chang, S., Song, X., Lo, K. (2024) Nonlinear time effects of vegetation response to climate change: Evidence from Qilian Mountain National Park in China, Sci. Total Env., 933, 173149, https://doi.org/10.1016/j.scitotenv.2024.173149.	
7.	Veeck G. (2023) Grassland protection policy in China: Post-Wenchuan economic and environmental change in Aba prefecture, Sichuan Province, Environmental Science & Policy, Volume 139, January 2023, Pages 195-203, https://doi.org/10.1016/j.envsci.2022.11.002.	
8.	Xiaojing Qin, Xiaojun Nie, Xiaodan Wang, Jiangtao Hong and Yan Yan (2023) Divergent seasonal responses of above- and below-ground to environmental factors in alpine grassland, Front. Plant Sci., 06 February 2023, Volume 13, https://doi.org/10.3389/fpls.2022.1091441.	
9.	Liang, W.; Quan, Q.; Wu, B.; Mo, S. Response of Vegetation Dynamics in the Three-North Region of China to Climate and Human Activities from 1982 to 2018. Sustainability 2023, 15, 3073. https://doi.org/10.3390/su15043073.	
10.	Yu Shen, Guohua Liu, Lingfan Wan, Hao Cheng, Yuqing Liu, Shishuai Yang, Boyan Li, Xukun Su (2023) The role of protected areas in mitigating vegetation disturbances on the Qinghai-Tibetan Plateau, Ecosystem Health and Sustainability, DOI: 10.34133/ehs.0066.	
2.	Bălteanu, D., Micu, M., Jurchescu, M., Malet, J.-P., Sima, M., Kucsicsa, G., Dumitrică, C., Petrea, D., **Mărgărint, M. C.**, Bilaşco, Ş., Dobrescu, C.-F., Călăraşu, E.-A., Olinic, E., Boţi, I., and Senzaconi, F. (2020), National-scale susceptibility map of Romania in a European methodological framework, Geomorphology, 371, 107432, https://doi.org/10.1016/j.geomorph.2020.107432.	**44**
1.	Moldovan, C.; Roșca, S.; Dolean, B.; Rusu, R.; Ursu, C.-D.; Man, T. Spatial Planning Decision Based on Geomorphic Natural Hazards Distribution Analysis in Cluj County, Romania. Appl. Sci. 2024, 14, 440. https://doi.org/10.3390/app14010440.	
2.	Rong, G., Li, K., Tong, Z., Liu, X., Zhang, J., Zhang, Y., Li, T. (2023) Population amount risk assessment of extreme precipitation-induced landslides based on integrated machine learning model and scenario simulation, Geoscience Frontiers, Available online 18 January 2023, 101541, https://doi.org/10.1016/j.gsf.2023.101541.	
3.	Yang, N., Wang, R., Liu, Z. et al. Landslide susceptibility prediction improvements based on a semi-	

	integrated supervised machine learning model. Environ Sci Pollut Res (2023). https://doi.org/10.1007/s11356-023-25650-0.	
4.	Micu, M., Micu, D., Havenith, H.-B. (2023) Earthquake-induced landslide hazard assessment in the Vrancea Seismic Region (Eastern Carpathians, Romania): Constraints and perspectives, Geomorphology, 427, 108635, https://doi.org/10.1016/j.geomorph.2023.108635.	
5.	Ma, S.; Shao, X.; Xu, C. Landslides Triggered by the 2016 Heavy Rainfall Event in Sanming, Fujian Province: Distribution Pattern Analysis and Spatio-Temporal Susceptibility Assessment. Remote Sens. 2023, 15, 2738. https://doi.org/10.3390/rs15112738.	
6.	Liguo Zhang, Haowei Zeng, Yulin Ding, Han Hu, Li Chen, Junxiao Zhang, Yan Zhou (2023) Geo-environment-aware adversarial transfer learning method for landslide susceptibility evaluation of complex mountainous areas, Transactions in GIS, https://doi.org/10.1111/tgis.13080.	
7.	Marta Jurchescu, Gheorghe Kucsicsa, Mihai Micu, Dan Balteanu, Mihaela Sima, Elena-Ana Popovici (2023) Implications of future land-use/cover pattern change on landslide susceptibility at a national level: A scenario-based analysis in Romania, Catena, 231, https://doi.org/10.1016/j.catena.2023. 107330.	
8.	Chelariu, O.-E., Minea, I., Iatu, C. (2023) Geo-hazards assessment and land suitability estimation for spatial planning using multi-criteria analysis, Heliyon, 9, e18159, https://doi.org/10.1016/j.heliyon. 2023.e18159	
9.	Hong, H. (2023) Assessing landslide susceptibility using combination models, Forest Ecology and Management, Volume 545, 1 October 2023, 121288, https://doi.org/10.1016 /j.foreco.2023.121288.	
10.	Shao, X.; Ma, S.; Xu, C.; Xu, Y. Insight into the Characteristics and Triggers of Loess Landslides during the 2013 Heavy Rainfall Event in the Tianshui Area, China. Remote Sens. 2023, 15, 4304. https://doi.org /10.3390/rs15174304.	
3.	**Mărgărint, M.C.**, Grozavu, A., Patriche, C.V. (2013), Assessing the spatial variability of coefficients of landslide predictors in different regions of Romania using logistic regression, Nat. Hazards Earth Syst. Sci., 13, 3339–3355, https:// doi.org/10.5194/nhess-13-3339-2013.	**35**
1.	Okoli, J.; Nahazanan, H.; Nahas, F.; Kalantar, B.; Shafri, H.Z.M.; Khuzaimah, Z. High-Resolution Lidar-Derived DEM for Landslide Susceptibility Assessment Using AHP and Fuzzy Logic in Serdang, Malaysia. Geosciences 2023, 13, 34. https://doi.org/10.3390/geosciences13020034	
2.	Marta Jurchescu, Gheorghe Kucsicsa, Mihai Micu, Dan Balteanu, Mihaela Sima, Elena-Ana Popovici (2023) Implications of future land-use/cover pattern change on landslide susceptibility at a national level: A scenario-based analysis in Romania, Catena, 231, https://doi.org/10.1016/j.catena.2023.107330.	
3.	Wen, M., Zhang, T., Li, L., Chen, L., Hu, S., Wang, J., Liu, W., Zhang, Y, Yuan, L. (2021) Assessment of Land Ecological Security and Analysis of Influencing Factors in Chaohu Lake Basin, China from 1998–2018, Sustainability, 13(1), 358, https://doi.org/10.3390/su13010358	
4.	Popa, M. C., Simion, A. G., Peptenatu, D. et al. (2020) Spatial assessment of flash-flood vulnerability in the Moldova river catchment (N Romania) using the FFPI, Jpurnal of Flood Risk Management, https://doi.org/10.1111/jfr3.12624	
5.	Turan, I. D., Ozkan, B., Turkes, M., Dengiz, O. (2020) Landslide susceptibility mapping for the Black Sea Region with spatial fuzzy multi-criteria decision analysis under semi-humid and humid terrestrial ecosystems, Theoretical and Applied Climatology, 140, pages1233–1246, https://doi.org/10.1007/s00704-020-03126-2	
6.	Moazzam, M. F. U., Lee, B., G., Rahman, A. U. et al. (2020) Spatio-Statistical Analysis of Flood Susceptibility Assessment Using Bivariate Model in the Floodplain of River Swat, District Charsadda, Pakistan, Journal of Geoscience and Environment Protection, 8(5), 10.4236/gep.2020.85010	
7.	Milevski, I., Dragicevic, S., Zorn, M. (2019) Statistical and expert-based landslide susceptibility modeling on a national scale applied to North Macedonia, Open Geosciences, 11, 750-764, DOI: https://doi.org/10.1515/geo-2019-0059	
8.	Nicu, I. C. (2019) Natural risk assessment and mitigation of cultural heritage sites in North-eastern Romania (Valea Oii river basin), Area, 51(1), 142-154, https://doi.org/10.1111/area.12433	
9.	Liu, Y., Li, T., Zhao, W., Wang, S., Fu, B. (2019) Landscape functional zoning at a county level based on ecosystem services bundle: Methods comparison and management indication, Journal of Environmental Management (IF=5.647), 249, 109315, https://doi.org/10.1016/j.jenvman.2019.109315.	

10.	Li, C., Fu, Z., Wang, Y., Tang, H., Yan, J., Gong, W., Yao, W., Criss, R. (2019) Susceptibility of reservoir-induced landslides and strategies for increasing the slope stability in the Three Gorges Reservoir Area: Zigui Basin as an example, Engineering Geology (IF=4.779), 105279, https://doi.org/10.1016/j.enggeo.2019.105279	
4.	**Mărgărint, M.C.**, Niculiță, M., (2017), Landslide type and pattern in Moldavian Plateau, NE Romania. In: Rădoane, M., Vespremeanu-Stroe, A. (Eds.), Landform Dynamics and Evolution in Romania, Springer, 271–304, http://www. springer.com/us/book/9783319325873.	**30**
1.	Marta Jurchescu, Gheorghe Kucsicsa, Mihai Micu, Dan Balteanu, Mihaela Sima, Elena-Ana Popovici (2023) Implications of future land-use/cover pattern change on landslide susceptibility at a national level: A scenario-based analysis in Romania, Catena, 231, https://doi.org/10.1016/j.catena.2023. 107330.	
2.	Chelariu, O.-E., Minea, I., Iatu, C. (2023) Geo-hazards assessment and land suitability estimation for spatial planning using multi-criteria analysis, Heliyon, 9, e18159, https://doi.org/10.1016/j.heliyon. 2023.e18159	
3.	Niculiță, M. (2022), The Need for Protecting, Promoting, and Managing a Quaternary Geoheritage Site: Bahluieț Valley at Costești Village (Moldavian Plateau, North-Eastern Romania). Geoheritage 14, 21, https://doi.org/10.1007/s12371-022-00645-4	
4.	Niacsu, L.; Bucur, D.; Ionita, I.; Codru, I.-C. (2022), Soil Conservation Measures on Degraded Land in the Hilly Region of Eastern Romania: A Case Study from Puriceni-Bahnari Catchment. Water 2022, 14, 525. https://doi.org/10.3390/w14040525.	
5.	Mihu-Pintilie, A.; Brașoveanu, C.; Stoleriu, C.C. (2022), Using UAV Survey, High-Density LiDAR Data and Automated Relief Analysis for Habitation Practices Characterization during the Late Bronze Age in NE Romania. Remote Sens. 2022, 14, 2466. https://doi.org/10.3390/rs14102466.	
6.	Mingyong Liao, Haiji, Wen, Ling Yang (2022) Identifying the essential conditioning factors of landslide susceptibility models under different grid resolutions using hybrid machine learning: A case of Wushan and Wuxi counties, China, Catena, Volume 217, October 2022, 106428, https://doi.org/10.1016 /j.catena.2022.106428.	
7.	Ionut–Costel Codru, Lilian Niacsu (2022) Landslide susceptibility assessment on the left side of the Izvorul Muntelui Lake bank, Romania, Present Environment and Sustainable Development, Volume 16, Issue no.1/ 2022, 5-21, https://doi.org/10.47743/pesd2022161001.	
8.	Luino, F.; De Graff, J.; Biddoccu, M.; Faccini, F.; Freppaz, M.; Roccati, A.; Ungaro, F.; D'Amico, M.; Turconi, L. The Role of Soil Type in Triggering Shallow Landslides in the Alps (Lombardy, Northern Italy). Land 2022, 11, 1125. https://doi.org/10.3390/land11081125.	
9.	Cojocaru, C., Cojocaru, P., Barbu, R.M. et al. Health risks in association with indoor radon exposure in Northeastern Romania. Int. J. Environ. Sci. Technol. (2022). https://doi.org/10.1007/s13762-022-04398-z.	
10.	Ilinca, V., Şandric, I., Jurchescu, M. et al. Identifying the role of structural and lithological control of landslides using TOBIA and Weight of Evidence: case studies from Romania. Landslides 19, 2117–2134 (2022). https://doi.org/10.1007/s10346-021-01749-8.	
5.	Niculiță, M., **Mărgărint, M. C.** (2017), Landslides and Fortified Settlements as Valuable Cultural Geomorphosites and Geoheritage Sites in the Moldavian Plateau, North-Eastern Romania, Geoheritage, 1-22, https://doi.org/10.1007/s12371-017-0261-0.	**25**
1.	Tronti, G., Vergari, F., Bollati, I.M. et al. (2023), From landslide characterization to nature reserve management: The "Scialimata Grande di Torre Alfina" landslide Geosite (Central Apennines, Italy). J. Mt. Sci. 20, 585–606 (2023). https://doi.org/10.1007/s11629-022-7596-y.	
2.	Bollati, I. M., Caironi, V., Gallo, A., Muccignato, E., Pelfini, M., Bagnati, T. (2023): How to integrate cultural and geological heritage? The case of the Comuniterrae project (Sesia Val Grande UNESCO Global Geopark, northern Italy). AUC Geographica 58(1), 129–145, https://doi.org/10.14712/23361980. 2023.10.	
3.	Louz, Elhassan, Rais, Jamila, Barakat, Ahmed, Barka, Abdellah Ait and Nadem, Samir. "Inventory and Assessment of Geosites and Geodiversity Sites of the Ait Attab Syncline (M'goun Unesco Geopark, Morocco) to Stimulate Geoconservation, Geotourism and Sustainable Development" Quaestiones Geographicae, vol.42, no.3, 2023, pp.115-143, https://doi.org/10.14746/quageo-2023-0027.	
4.	Yashalova, N.N.; Ermolaev, V.A.; Ruban, D.A. (2023) The Hosta's Labyrinth on the Black Sea Shore: A Case	

	Study of "Selling" Geosites to the Lay Public. Heritage 2023, 6, 7083-7099. https://doi.org/10.3390 /heritage6110369.	
5.	Morino C, Coratza P and Soldati M (2022) Landslides, a Key Landform in the Global Geological Heritage. Front. Earth Sci. 10:864760. doi: 10.3389/feart.2022.864760.	
6.	Herrera-Franco, G.; Carrión-Mero, P.; Montalván-Burbano, N.; Caicedo-Potosí, J.; Berrezueta, E. Geoheritage and Geosites: A Bibliometric Analysis and Literature Review. Geosciences 2022, 12, 169. https://doi.org/10.3390/geosciences12040169.	
7.	Urban, J., Radwanek-Bąk, B. & Margielewski, W. Geoheritage Concept in a Context of Abiotic Ecosystem Services (Geosystem Services) — How to Argue the Geoconservation Better?. Geoheritage 14, 54 (2022). https://doi.org/10.1007/s12371-022-00688-7.	
8.	Forno, M.G., Gianotti, F., Gattiglio, M. et al. How Can a Complex Geosite Be Enhanced? A Landscape-Scale Approach to the Deep-Seated Gravitational Slope Deformation of Pointe Leysser (Aosta Valley, NW Italy). Geoheritage 14, 100 (2022). https://doi.org/10.1007/s12371-022-00730-8.	
9.	Asandulesei, A., Tencariu, F. A., Nicu, I. C. (2020) Pars pro toto—Remote Sensing Data for the Reconstruction of a Rounded Chalcolithic Site from NE Romania: The Case of Ripiceni–Holm Settlement (Cucuteni Culture), Remote Sensing, 12(5), 887; https://doi.org/10.3390/rs12050887.	
10.	Carrion-Mero, P., Ayala-Granda, A., et al. (2020) Assessment of Geomorphosites for Geotourism in the Northern Part of the "Ruta Escondida" (Quito, Ecuador), Sustainability, 12(20), 8468; https://doi.org/10.3390/su12208468.	
6.	Niculiță, M., **Mărgărint, M.C.**, Santangelo, M. (2016), Archaeological evidence for Holocene landslide activity in the Eastern Carpathian lowland, Quaternary International (IF 2.067), 415, 175-189 DOI: http://dx.doi.org/10.1016/j.quaint.2015.12.048.	**25**
1.	França Pereira, F., Sussel Gonçalves Mendes, T., Jorge Coelho Simões, S. et al. Comparison of LiDAR- and UAV-derived data for landslide susceptibility mapping using Random Forest algorithm. Landslides (2023). https://doi.org/10.1007/s10346-022-02001-7.	
2.	Ardizzone, F., Bucci, F., Cardinali, M., Fiorucci, F., Pisano, L., Santangelo, M., and Zumpano, V.: Geomorphological landslide inventory map of the Daunia Apennines, southern Italy, Earth Syst. Sci. Data, 15, 753–767, https://doi.org/10.5194/essd-15-753-2023., 2023.	
3.	Brașoveanu, C.; Mihu-Pintilie, A.; Brunchi, R.-A. Inside Late Bronze Age Settlements in NE Romania: GIS-Based Surface Characterization of Ashmound Structures Using Airborne Laser Scanning and Aerial Photography Techniques. Remote Sens. 2023, 15, 4124. https://doi.org/10.3390/rs15174124.	
4.	Niculiță, M. The Need for Protecting, Promoting, and Managing a Quaternary Geoheritage Site: Bahluieț Valley at Costești Village (Moldavian Plateau, North-Eastern Romania). Geoheritage 14, 21 (2022). https://doi.org/10.1007/s12371-022-00645-4	
5.	Pravalie R. (2021), Exploring the multiple land degradation pathways across the planet, Earth Sci Rev., https://doi.org/10.1016/j.earscirev.2021.103689.	
6.	Bucci, F., Tavarnelli, E., Novellino, R., Palladino, G., Guglielmi, P., Laurita, S., Prosser, G., Bentivenga, M. (2019) The History of the Southern Apennines of Italy Preserved in the Geosites Along a Geological Itinerary in the High Agri Valley, Geoheritage (IF=2.597), 1-20, https://doi.org/10.1007/s12371-019-00385-y	
7.	Ramírez Serrato, N. L., Yépez-Rincón, F. D., Ferrino Fierro, A. L. (2019) Topographic connection method for automated mapping of landslide inventories, study case: semi urban sub-basin from Monterrey, Northeast of México, Geocarto International (IF=2.365), https://doi.org/10.1080/10106049.2019.1581269	
8.	Nicu, I. C. (2018) Application of analytic hierarchy process, frequency ratio, and statistical index to landslide susceptibility: an approach to endangered cultural heritage, Environmental Earth Sciences (IF=1.871), 77:79, https://doi.org/10.1007/s12665-018-7261-5	
9.	Nicu, I. C. (2017) Frequency ratio and GIS-based evaluation of landslide susceptibility applied to cultural heritage assessment, Journal of Cultural Heritage, 28, 172-176, (IF 1.955), http://www. sciencedirect.com/science/article/pii/S1296207417302054	
10.	Nicu, I. C., Asandulesei, A (2018) GIS-based evaluation of diagnostic areas in landslide susceptibility analysis of Bahluieț River Basin (Moldavian Plateau, NE Romania). Are Neolithic sites in danger?	

	Geomorphology (IF=3.681), 314, 27-41, https://doi.org/10.1016/j.geomorph.2018.04.010	
7.	Kovačić, S., **Mărgărint, M.C.**, Ionce, R., Miljković, Đ. (2020), What are the Factors affecting Tourist Behavior based on the Perception of Risk? Romanian and Serbian Tourists' Perspective in the Aftermath of the recent Floods and Wildfires in Greece, Sustainability, 12(16), 6310, https://doi.org/10.3390/su12166310.	**19**
1.	Zahra Rahmani, Susan Houge Mackenzie, Anna Carr (2024), How virtual wellness retreat experiences may influence psychological well-being, Journal of Hospitality and Tourism Management, Volume 58, March 2024, Pages 516-524, https://doi.org/10.1016/j.jhtm.2023.03.007.	
2.	Christoph Neger, José Francisco León-Cruz, Stefan Gössling (2024), The tourism fire exposure index for the European Union, Tourism Management, Volume 103, August 2024, 104901, https://doi.org/10.1016/j.tourman.2024.104901.	
3.	H Ye, S Chen, R Law, M Zhang (2024), Perceived risk of Chinese outbound tourists in the risky world, Perceived risk of Chinese outbound tourists in the risky world, 20, https://doi.org/10.1080/19388160. 2023.2178574.	
4.	H Ye, S Chen, R Law, M Zhang (2024), Perceived risk of Chinese outbound tourists in the risky world, Perceived risk of Chinese outbound tourists in the risky world, 20, https://doi.org/10.1080/19388160.2023.2178574.	
5.	Zeng, C.; Yang, Z.; Zhai, Y.; Yu, L. The Impact of Social Media and Infection Perception on the Intentions of Recreational Vehicle Tours: An Extended Model of Goal-Directed Behavior. Behav. Sci. 2024, 14, 986. https://doi.org/10.3390/bs14110986.	
6.	Ivana Blešić, Milan Ivkov, Tamara Gajić, Marko D. Petrović, Milan M. Radovanović, Aleksandar Valjarević, Slavica Malinović-Milićević, Marina Vukin , Jovanka Popov Raljić, Dušan Puhar and Tin Lukić (2024), Determinants influencing tourists' willingness to visit Türkiye – Impact of earthquake hazards on Serbian visitors' preferences, Op. Geosci, https://doi.org/10.1515/geo-2022-0670.	
7.	K Sangkakorn, S Krajangchom (2024), A study of tourist behaviour for the development of Lanna wellness tourism in Thailand, Int. J. of Spa and Wellness, https://doi.org/10.1080/24721735. 2024.2384795.	
8.	Alsahafi, R.; Alzahrani, A.; Mehmood, R. Smarter Sustainable Tourism: Data-Driven Multi-Perspective Parameter Discovery for Autonomous Design and Operations. Sustainability 2023, 15, 4166. https://doi.org/10.3390/su15054166.	
9.	Hu, J.; Wu, J.; Sun, Y.; Zhao, X.; Hu, G. Spatiotemporal Influence of Urban Park Landscape Features on Visitor Behavior. Sustainability 2023, 15, 5248. https://doi.org/10.3390/su15065248	
10.	I Šagovnović, S Kovačić (2023), Predicting travel motivation with personality and personal values–the roles of big five plus honesty/humility personality traits and Kahle's values, International Journal of Hospitality & Tourism Administration, 24, 4, https://doi.org/10.1080/15256480.2021.2025189.	
8.	Grozavu A., **Mărgărint M.C.**, Patriche C. V. (2012), Landslide susceptibility assessment in the Brăieşti-Sineşti sector of Iaşi cuesta, Carpathian Journal of Earth and Environmental Sciences, Vol. 7, No.1., 39-46 pp., ISSN 1842-4090, (IF=1,450), http://www.ubm.ro/sites/CJEES/viewTopic. php?topicId=190.	**17**
1.	Liu, C. Optimization of negative sample selection for landslide susceptibility mapping based on machine learning using K-means-KNN algorithm. Earth Sci Inform 16, 4131–4152 (2023). https://doi.org/10.1007/s12145-023-01151-z	
2.	Cojocaru, C., Cojocaru, P., Barbu, R.M. et al. Health risks in association with indoor radon exposure in Northeastern Romania. Int. J. Environ. Sci. Technol. 20, 5937–5944 (2023). https://doi.org/10.1007 /s13762-022-04398-z	
3.	Barančoková, M.; Šošovička, M.; Barančok, P., Jr.; Barančok, P. Predictive Modelling of Landslide Susceptibility in the Western Carpathian Flysch Zone. Land 2021, 10, 1370. https://doi.org/10.3390/land10121370	
4.	M Barančoková, Z Krnáčová (2020), Assessment of landslide susceptibility using statistical modelling in the flysch zone of the Western Carpathians (NW Slovakia), Phys. Geogr., 41, 6, https://doi.org/10.1080/02723646.2020.1770039.	
5.	Niu, Q., Dang, X., Li, Y. et al. Suitability analysis for topographic factors in loess landslide research: a case	

	study of Gangu County, China. Environ Earth Sci 77, 294 (2018). https://doi.org/10.1007/s12665-018-7462-y	
6.	Ioan-Aurel IRIMUȘ, Sanda ROȘCA, Mădălina-Ioana RUS, Flavia Luana MARIAN, Ștefan BILAȘCO (2017), LANDSLIDE SUSCEPTIBILITY ASSESSMENT IN ALMAS BASIN BY MEANS OF THE FREQUENCY RATE AND GIS TECHNIQUES, Geographia Technica, 12, 2, 97-109.	
7.	Patriche, C. V., Pirnau, R., Grozavu, A., Rosca, B. (2016) A Comparative Analysis of Binary Logistic Regression and Analytical Hierarchy Process for Landslide Susceptibility Assessment in the Dobrov River Basin, Romania, Pedosphere (IF=3.188) 26(3), 335-350, https://doi.org/10.1016/S1002-0160(15)60047-9	
8.	Prefac Z., Dumitru S., Chendes S, Sirodoev I., Cracu G. (2016) ASSESSMENT OF LANDSLIDE SUSCEPTIBILITY USING THE CERTAINTY FACTOR MODEL: RĂŞCUŢA CATCHMENT (CURVATURE SUBCARPATHIANS) CASE STUDY, Carpathian Journal of Earth and Environmental Sciences (IF=0.907), 11(2), 617-626	
9.	Marian, F.L., Irimus, A.I., Zaharia, C.S. (2016) Qualitative landslide risk estimation in the Baia Mare depression, Romania, Carpathian Journal of Earth and Environmental Sciences, 11, 1, 123-130, IF=0.907, https://www.researchgate.net/publication/319210870_Qualitative_landslide_risk_estimation_in_the_Baia_Mare_depression_Romania	
10.	Popa, I., Ionita, I. (2016) Land Degradation Within the Bahluieţ Catchment, Present Environment and Sustainable Development, https://doi.org/10.1515/pesd-2016-0008	
9.	Văculişteanu, G., Niculiţă, M., **Mărgărint, M.C.** (2019), Natural Hazards and Their Impact on Rural Settlements in NE Romania. Open Geosciences, Open Geosciences, 11, 765-782, https://doi.org/10.1515/geo-2019-0060.	**14**
1.	Gerardo Caroppi, Francesco Pugliese, Carlo Gerundo, Francesco De Paola, Marialuce Stanganelli, Gianfranco Urciuoli, Farrokh Nadim, Amy Oen, Pilar Andrés, Maurizio Giugni (2023) A comprehensive framework tool for performance assessment of NBS for hydro-meteorological risk management, Journal of Environmental Planning and Management, https://doi.org/10.1080/09640568.2023.2166818.	
2.	Raska, P., Riezner, J., Bil, M., Klimes, J. (2023) Long-term landslide impacts and adaptive responses in rural communities: Using historical cases to validate the cumulative causation approach, Int J. Disast. Risk. Red., 103748, https://doi.org/10.1016/j.ijdrr.2023.103748.	
3.	Chelariu, O.-E., Minea, I., Iatu, C. (2023) Geo-hazards assessment and land suitability estimation for spatial planning using multi-criteria analysis, Heliyon, 9, e18159, https://doi.org/10.1016/j.heliyon. 2023.e18159	
4.	Seyed Jafar Hejazi, Ayyoob Sharifi, Mahmoud Arvin (2022), Assessment of social vulnerability in areas exposed to multiple hazards: A case study of the Khuzestan Province, Iran, International Journal of Disaster Risk Reduction, 78, 2022, 103127, https://doi.org/10.1016/j.ijdrr.2022.103127.	
5.	Niculiță, M. The Need for Protecting, Promoting, and Managing a Quaternary Geoheritage Site: Bahluieț Valley at Costești Village (Moldavian Plateau, North-Eastern Romania). Geoheritage 14, 21 (2022). https://doi.org/10.1007/s12371-022-00645-4	
6.	Mihai, F.-C.; Minea, I. Sustainable Alternative Routes versus Linear Economy and Resources Degradation in Eastern Romania. Sustainability 2021, 13, 10574. https://doi.org/10.3390/su131910574.	
7.	Uroš Durlević, Ivan Novković, Tin Lukić, Aleksandar Valjarević, Ivan Samardžić, Filip Krstić, Natalija Batoćanin, Maja Mijatov and Vladimir Ćurić (2021) Multihazard susceptibility assessment: A case study – Municipality of Štrpce (Southern Serbia), Open Geosciences, https://doi.org/10.1515/geo-2020-0314	
8.	Zhong, J.; Liu, S.; Huang, M.; Cao, S.; Yu, H. Driving Forces for the Spatial Reconstruction of Rural Settlements in Mountainous Areas Based on Structural Equation Models: A Case Study in Western China. *Land* **2021**, *10*, 913. https://doi.org/10.3390/land10090913	
9.	Francini, M.; Chieffallo, L.; Palermo, A.; Viapiana, M.F. A Method for the Definition of Local Vulnerability Domains to Climate Change and Relate Mapping. Two Case Studies in Southern Italy. *Sustainability* **2020**, *12*, 9454. https://doi.org/10.3390/su12229454	

Criteriul 3. Capacitatea de susţinere a activităţilor de cercetare

B: Director/Lider la 1 proiect/grant internaţional sau responsabil de proiect/grant în 2 proiecte/granturi de cercetare internaţionale.

Nr.	Proiect, finantator	Suma (RON, EURO)	Funcție
1.	Exploring the paths to cope with hydro-climatic risks in transboundary rural areas along the Prut Valley: A multi-criteria analysis (COPERISK), UEFISCDI 23ROMD / 20/05/2024 (2024-2026)	477.500,00 RON	Director de proiect
2.	Platform for Helping small and medium farmers to Incorporate digital Technology for equal Opportunities (PHITO), European Research Executive Agency, Project number: 101084332 (2023-2028)	219.250,00 EURO	Responsabil de proiect

ÎNDEPLINIREA STANRDELOR MINIMALE

	Descriere	MINIM	REALIZAT
Criteriul 1. Articole ştiinţifice.	**Articole WoS autor principal**	**5**	**7**
	Sumă AIS ca autor principal (primele 5 lucrări)	**3,5**	**4,41**
	Total articole BDI	**3**	**22**
Criteriul 2. Vizibilitatea articolelor ştiinţifice	**Indice Hirsch (fără autocitări)**	**4**	**9**
Criteriul 3. Capacitatea de susţinere a activităţilor de cercetare	**Proiecte de cercetare**	**1 internațional**	**1 internațional director 1 internațional responsabil**

Iași, 28 Octombrie 2024

Conf. univ. dr. Mihai Ciprian MĂRGĂRINT