

**Activitatea științifică a studenților-doctoranzi (2021-2026)**

P3A - articole publicate în categoria D1 din subdomeniul de știință (top 10

P3B - articole indexate WOS (Q1, Q2 - în funcție de AIS)

P3C - articolele indexate WoS (Q3, Q4 - în funcție de AIS) și Scopus

P3D - articole indexate EriH+

P3E - alte articole indexate în baze de date internaționale recunoscute în standardele minimale CNATDCU

P3F - cărți indexate în WorldCat)

P3G - capitole de cărți indexate WorldCat

P3H - cărți neindexate WorldCat

P3I - capitole cărți neindexate WorldCat-

P3J - activități artistice documentabile

<p align="center"><b>Publicatie</b> <b>(introduceți titlul publicatie; e.g, articol, capitol, etc.)</b></p>	<p align="center"><b>Categorie publicatie</b></p>	<p align="center"><b>Numar total de doctoranzi lucrare</b></p>	<p align="center"><b>Doctorand autor principal</b></p>
<p><b>Carina STRAPAZAN</b>, Ionel HAIDU &amp; Ioan Aurel IRIMUS (2021). A COMPARATIVE ASSESSMENT OF DIFFERENT LOSS METHODS AVAILABLE IN MIKE HYDRO RIVER-UHM, Carpathian Journal of Earth and Environmental Sciences, February 2021, Vol. 16, No. 1, p. 261 – 273; <a href="https://doi.org/10.26471/cjees/2021/016/172">https://doi.org/10.26471/cjees/2021/016/172</a></p>	<p align="center"><b>C</b></p>	<p align="center"><b>1</b></p>	<p align="center"><b>da</b></p>
<p>Vlad-Sebastian Ionescu, Gabriela Czibula , <b>Eugen Mihulet</b>., A deep learning model for prediction of satellite images for nowcasting purposes, 25th International Conference on Knowledge-Based and Intelligent Information &amp; Engineering Systems (KES2021), Procedia Computer Science Volume 192, 2021, Pages 622-631, <a href="https://www.sciencedirect.com/science/article/pii/S1877050921015519">https://www.sciencedirect.com/science/article/pii/S1877050921015519</a> (2021)</p>	<p align="center"><b>E</b></p>	<p align="center"><b>1</b></p>	<p align="center"><b>nu</b></p>
<p><b>Țăruș, R.</b>; Dezsi, Ș.; Pop, F. Ageing Urban Population Prognostic between 2020 and 2050 in Transylvania Region (Romania). Sustainability 2021, 13, 9940. <a href="https://doi.org/10.3390/su13179940">https://doi.org/10.3390/su13179940</a></p>	<p align="center"><b>C</b></p>	<p align="center"><b>1</b></p>	<p align="center"><b>da</b></p>
<p><b>Bela Kobulniczky</b>, Analiza probabilității de manifestare a hazardelor hidrice. Studiu de caz: bazinul superior al râului Ilișua și secțiuni inundabile ale U.A.T. Târlășua, județul Bistrița-Năsăud (2021), <a href="https://www.researchgate.net/publication/352737331_Analiza_probabilitatii_de_manifestare_a_hazardelor_hidrice_Studii_de_caz_bazinul_superior_al_Raului_Ilisua_si_sectiuni_inundabile_ale_UAT_Tarlisua_judetul_Bistrita-Nasaud">https://www.researchgate.net/publication/352737331_Analiza_probabilitatii_de_manifestare_a_hazardelor_hidrice_Studii_de_caz_bazinul_superior_al_Raului_Ilisua_si_sectiuni_inundabile_ale_UAT_Tarlisua_judetul_Bistrita-Nasaud</a></p>	<p align="center"><b>H</b></p>	<p align="center"><b>1</b></p>	<p align="center"><b>da</b></p>
<p><b>Istvan Kocsis</b>, Andrei Nitoaia, Narcis Maier, Analysis of Estimated Doppler Radar Rainfalls. Case Studies for North-Western Romania Using Two Wsr-98d Doppler Radars (2021), March 2021 DOI:10.24193/AWC2021_20</p>	<p align="center"><b>E</b></p>	<p align="center"><b>1</b></p>	<p align="center"><b>da</b></p>

<b>Mădălin Lung</b> , Mureșan Alina Gabriela, ASPECTE PRIVIND AGRICULTURA DIN MUNȚII APUSENI ÎN PERIOADA POST-COMUNISTĂ. STUDIU DE CAZ: APUSENII ALBEI (2021), <a href="https://www.researchgate.net/publication/357434774_ASPECTE_PRIVIND_AGRICULTURA_DIN_MUNTII_APUSENI_IN_PERIOADA_POST-COMUNISTA_STUDIU_DE_CAZ_APUSENII_ALBEI">https://www.researchgate.net/publication/357434774_ASPECTE_PRIVIND_AGRICULTURA_DIN_MUNTII_APUSENI_IN_PERIOADA_POST-COMUNISTA_STUDIU_DE_CAZ_APUSENII_ALBEI</a>	<b>E</b>	<b>1</b>	<b>da</b>
<b>Sidău, M.R.</b> ; Horváth, C.; Cheveresan, M.; Șandric, I.; Stoica, F. Assessing Hydrological Impact of Forested Area Change: A Remote Sensing Case Study. Atmosphere 2021, 12, 817. <a href="https://doi.org/10.3390/atmos12070817">https://doi.org/10.3390/atmos12070817</a>	<b>C</b>	<b>1</b>	<b>da</b>
<b>Teodora Someșan</b> , Canyoning in Romania, Studii și cercetări Geology – Geography, Complexul Muzeal Bistrița-Năsăud 25-26, 2021, Bistrița.	<b>E</b>	<b>1</b>	<b>da</b>
Călin Cornel Pop, Ana Corpade, Cătălin Daniel Pop, <b>Sergiu Panie</b> (2021), CERTAIN ASPECTS REGARDING THE ENVIRONMENTAL AXES: MODELS IN THE ROMANIAN CARPATHIAN SPACE , Environmental Engineering and Management Journal 20(7):1057-1063 DOI:10.30638/eemj.2021.098	<b>E</b>	<b>1</b>	<b>nu</b>
<b>Sidău, M.R.</b> ; Croitoru, A.-E.; Alexandru, D.-E. Comparative Analysis between Daily Extreme Temperature and Precipitation Values Derived from Observations and Gridded Datasets in North-Western Romania. Atmosphere 2021, 12, 361. <a href="https://doi.org/10.3390/atmos12030361">https://doi.org/10.3390/atmos12030361</a>	<b>C</b>	<b>1</b>	<b>da</b>
<b>Lung, Mădălin.</b> (2021). Ethnic and Religious Disparities in the Apusenii Sălajului from Communism to Capitalism. Revista Română de Geografie Politică. 23. 10.30892/rrgp.231102-345.	<b>E</b>	<b>1</b>	<b>da</b>
<b>RUS, George</b> & IRIMUȘ, I. & HORVÁTH, Cs & Rosian, Gheorghe. (2021). Land degradation in the Iara hydrographic basin.. Risks and Catastrophes Journal. 29. 121-132. 10.24193/Rcj2021_18.	<b>D</b>	<b>1</b>	<b>da</b>
Holobaca Iulian-Horea, Ivan Kinga, Alexe Mircea, Pop Olimpiu-Traian, <b>Petrescu Sorin Hadrian</b> , Elizbarashvili Mariam, Tielidze Levan, Germain Daniel, Multi-sensor remote sensing to map glacier debris cover in the Greater Caucasus, Georgia Gaprindashvili George , Journal of Glaciology, 67(264), 685-696. doi:10.1017/jog.2021.47	<b>B</b>	<b>1</b>	<b>nu</b>
<b>B. Elena-Manuela</b> , C Emanuela-Adina, V Gligor, T Man, SA Nicula, Performing Democracy: An Analysis of Church-Based Electoral Capital in Romania (2021) ,Transylvanian Review 29 (2), 291-309	<b>C</b>	<b>1</b>	<b>da</b>
<b>Lung, Mădălin.</b> (2021). QUALITATIVE RESEARCH IN REGIONAL GEOGRAPHY. A METHODOLOGICAL APPROACH.	<b>I</b>	<b>1</b>	<b>da</b>
<b>Craciun, Andreea</b> & Dezsi, Ștefan & <b>Pop, Florin</b> & <b>Cecilia, Pinte</b> a. (2022). Rural Tourism—Viable Alternatives for Preserving Local Specificity and Sustainable Socio-Economic Development: Case Study—“Valley of the Kings” (Gurghiului Valley, Mureș County, Romania). Sustainability. 14. 16295. 10.3390/su142316295.	<b>C</b>	<b>3</b>	<b>da</b>
Ioan BÎCA, Eduard SCHUSTER, <b>Alexandru TĂTAR</b> , Adrian ONOFREIU The Culture of Supermarkets in the city of Bistrita, Studii și cercetări Geology-Geography, (2021)	<b>E</b>	<b>1</b>	<b>da</b>
<b>Tarus, Raisa</b> & Dezsi, Ștefan. (2021). The Elderly Dependency Rate in Urban Areas of Transylvania Region Between 1992 and 2021. Studia Universitatis Babeș-Bolyai Geographia. 66. 37-50. 10.24193/subbgeogr.2021.2.03.	<b>E</b>	<b>1</b>	<b>da</b>

<b>Andreea-Sabina Scripcă</b> , Fiorella Acquotta, Adina-Eliza Croitoru, Simona Fratianni, Int J Biometeorol (2021) The impact of extreme temperatures on human mortality in the most populated cities of Romania, (2021). <a href="https://doi.org/10.1007/s00484-021-02206-w">https://doi.org/10.1007/s00484-021-02206-w</a>	<b>C</b>	<b>1</b>	<b>da</b>
<b>Lung, Mădălin</b> & BAN, Sorin-Constantin. (2021). The Natural and Migratory Movement of the Rural Population of the Banat Mountains. Revista Română de Geografie Politică. 23. 10.30892/rrgp.232102-351.	<b>E</b>	<b>1</b>	<b>da</b>
<b>Colcer, Alexandra</b> & Ioan-Aurel, Irimus. (2020). The Role of Landforms in the Location of Roman Fortifications in Northern Transylvania (Tihău-Cășeu Area) and the Production of Place and Regional Identity. Territorial Identity and Development. 6. 5-21. 10.23740/TID120211.	<b>E</b>	<b>1</b>	<b>da</b>
<b>Nistor, Elena</b> & Dezsi, Ștefan. (2022). An Insight into Gastronomic Tourism through the Literature Published between 2012 and 2022. Sustainability. 14. 16954. 10.3390/su142416954. 4	<b>C</b>	<b>1</b>	<b>da</b>
Bretcan, P.; Dunea, D.; Vintescu, G.; Tanislav, D.; Zelenakova, M.; Predescu, L.; Șerban, G.; Borowiak, D.; Rus, I.; <b>Sabău, D.A.</b> ; et al. Automated versus Manual Mapping of Gravel Pit Lakes from South-Eastern Romania for Detailed Morphometry and Vegetation. Water 2022, 14, 1858. <a href="https://doi.org/10.3390/w14121858">https://doi.org/10.3390/w14121858</a>	<b>C</b>	<b>1</b>	<b>nu</b>
<b>Rus, Karina-Alexandra</b> & Dezsi, Ștefan & <b>Ciascai, Ovidiu</b> & <b>Pop, Florin</b> . (2022). Calibrating Evolution of Transformative Tourism: A Bibliometric Analysis. Sustainability. 14. 11027. 10.3390/su141711027.	<b>C</b>	<b>3</b>	<b>da</b>
<b>Tătar Marius-Alexandru</b> , Country Geographical, Historical and Ethno-Cultural Region of Northern Transylvania, Pangeea Universitatea „1 Decembrie 1918” din Alba Iulia Romanian Society of Geography Alba Subsidiary, ISSN 1841-1517, DOI: 10.29302/Pangeea 22.10 (2022)	<b>D</b>	<b>1</b>	<b>da</b>
<b>Ciascai, Ovidiu</b> & Dezsi, Ștefan & <b>Rus, Karina-Alexandra</b> . (2022). Cycling Tourism: A Literature Review to Assess Implications, Multiple Impacts, Vulnerabilities, and Future Perspectives. Sustainability. 14. 8983. 10.3390/su14158983.	<b>C</b>	<b>2</b>	<b>da</b>
<b>Tătar, Alexandru</b> . (2022). Evaluation of the Cultural-Touristic Quality of the Network of Geographical Axes in the Romania Case Study: Bistrița-Năsăud County. 10.21203/rs.3.rs-2360981/v1.	<b>E</b>	<b>1</b>	<b>da</b>
<b>Costea, Andreea</b> , Stefan Bilasco, Ioan-Aurel Irimus, Sanda Rosca, Iuliu Vescan, Ioan Fodorean, and Paul Sestras. 2022. "Evaluation of the Risk Induced by Soil Erosion on Land Use. Case Study: Guruslău Depression" Sustainability 14, no. 2: 652. <a href="https://doi.org/10.3390/su14020652">https://doi.org/10.3390/su14020652</a>	<b>C</b>	<b>1</b>	<b>da</b>
<b>Ursu, Cosmina</b> & Benedek, József. (2022). "Evolution of Built Surfaces Based on Copernicus High Resolution Layers. The Case of Growth Poles-Based Metropolitan Areas, Romania ". Journal of Settlements and Spatial Planning. 13. 45-59. 10.24193/JSSP.2022.1.04.	<b>D</b>	<b>1</b>	<b>da</b>
Titus-Cristian MAN, Camelia-Florina ANDOR, <b>Elena-Manuela BÎRSĂNUC</b> , First Year of COVID-19. The Impact of Pandemic Waves on Public Transport Usage in Cluj-Napoca, Romania (2022)First Year of COVID-19. The Impact of Pandemic Waves on Public Transport Usage in Cluj-Napoca, Romania, Journal of Settlements and Spatial Planning,2022   Journal article, DOI: 10.24193/jssp.2022.2.02	<b>C</b>	<b>1</b>	<b>nu</b>

Kocsis, István, Ștefan Bilașco, Ioan-Aurel Irimuș, Vasile Dohotar, Raularian Rusu, and Sanda Roșca. 2022, Flash Flood Vulnerability Mapping Based on FFPI Using GIS Spatial Analysis Case Study: Valea Rea Catchment Area, Romania (2022) "Flash Flood Vulnerability Mapping Based on FFPI Using GIS Spatial Analysis Case Study: Valea Rea Catchment Area, Romania" Sensors 22, no. 9: 3573. <a href="https://doi.org/10.3390/s22093573">https://doi.org/10.3390/s22093573</a>	<b>C</b>	<b>1</b>	<b>da</b>
<b>Adina Ana Mureșan</b> , GBT-based Finite Element Formulation for Elastic Buckling Analysis of Conical Shells, RevCAD Journal of Geodesy and Cadastre, 33, pag. 85-92, 2022, <a href="https://www.ceeol.com/search/article-detail?id=1089002">https://www.ceeol.com/search/article-detail?id=1089002</a>	<b>E</b>	<b>1</b>	<b>da</b>
<b>Tătar, Alexandru.</b> (2022). Geographic axes and cultural diversity in Romania. Glasnik Srpskog geografskog drustva. 102. 201-222. 10.2298/GSGD2202201T.	<b>E</b>	<b>1</b>	<b>da</b>
<b>Săplăcan, Cerasela &amp; Pinte, Cecilia.</b> (2022). Geographical Axes and Mobility. Case Study: Cluj County. Studia Universitatis Babeș-Bolyai Geographia. 67. 75-82. 10.24193/subbgeogr.2022.05.	<b>E</b>	<b>2</b>	<b>da</b>
<b>Kocsis, István</b> , Ioan-Aurel Irimuș, Cristian Patriche, Ștefan Bilașco, Narcis Maier, Sanda Roșca, Dănuț Petrea, and Blanka Bartók. 2022. "A GIS-Based Methodology to Combine Rain Gauge and Radar Rainfall Estimates of Precipitation Using the Conditional Merging Technique for High-Resolution Quantitative Precipitation Forecasts in Țibleș and Rodnei Mountains" Atmosphere 13, no. 7: 1106. <a href="https://doi.org/10.3390/atmos13071106">https://doi.org/10.3390/atmos13071106</a>	<b>C</b>	<b>1</b>	<b>da</b>
JÓZSEF BENEDEK, <b>COSMINA-DANIELA URSU</b> , ȘTEFANA VARVARI, Growth pole policy, spatial transformation and spatial inequalities in the metropolitan areas of Romania (2022) , Térés Társadalom 36. évf., 3. szám, 2022 <a href="https://doi.org/10.17649/TET.36.3.3435">https://doi.org/10.17649/TET.36.3.3435</a>	<b>C</b>	<b>1</b>	<b>nu</b>
<b>Fîrțală-Cioncuț, Andrei</b> & Stefan, Bilasco & Fodorean, Ioan & Rosca, Sanda & Vescan, Iuliu. (2022). Identification and evaluation of the risk induced by landslides based on G.I.S. models of spatial analysis. Case study: Bicazu Ardelean, Romania. Nova Geodesia. 2. 52. 10.55779/ng2352.	<b>E</b>	<b>1</b>	<b>da</b>
<b>Tătar Marius Alexandru</b> , Indicatorul Nivelul de dezvoltare a infrastructurii comerciale și financiare în axa urbană (IDFC URBAN AXIS) din județul Bistrița- Năsăud / The development level of commercial and financial infrastructure in the urban axis (IDFC URBAN AXIS) index of Bistrița-Năsăud county , Revista Repere Geografice Volumul 17 (2)-2022 SGR filiala Iași , ISSN 2393 – 1271; ISSN–L 1583 – 5286 . (2022)	<b>E</b>	<b>1</b>	<b>da</b>
<b>Andreea COSTEA</b> , Viorel GLIGOR, Ioan-Aurel IRIMUȘ, LANDSCAPE DYNAMICS IN THE SOMEȘ CORRIDOR. CASE STUDY: GURUSLĂU DEPRESSION (ROMANIA) (2022), , TERRITORIAL IDENTITY AND DEVELOPMENT Volume 7/ No. 1, Spring 2022, ISSN 2537 - 4850, ISSN–L 2537 - 4850, DOI: <a href="http://doi.org/10.23740/TID120224">http://doi.org/10.23740/TID120224</a>	<b>C</b>	<b>1</b>	<b>da</b>
<b>Bîrsănuț, E.M.</b> 2022. Mapping gendered vulnerability to energy poverty in Romania. Applied Spatial Analysis and Policy, 15: 1319-1338. <a href="https://doi.org/10.1007/s12061-022-09442-6">https://doi.org/10.1007/s12061-022-09442-6</a>	<b>C</b>	<b>1</b>	<b>da</b>
<b>Costea, Andreea</b> & Ioan-Aurel, Irimuș & Filip, Sorin. (2022). Multicriterial analysis of the relief suitability for spatial planning in Guruslău Depression.. Risks and Catastrophes Journal. 30. 66-84. 10.24193/RCJ2022_5.	<b>D</b>	<b>1</b>	<b>da</b>
<b>Tătar, Alexandru.</b> (2022). Potențialul de Dezvoltare a Turismului Viticol din Regiunea de Dezvoltare Nord-Vest.	<b>E</b>	<b>1</b>	<b>da</b>

Holobaca, Iulian & Benedek, József & <b>Ursu, Cosmina &amp; Alexe</b> , Mircea & Temerde-Ivan, Kinga. (2022). Ratio of Land Consumption Rate to Population Growth Rate in the Major Metropolitan Areas of Romania. Remote Sensing. 14. 6016. 10.3390/rs14236016.	<b>B</b>	<b>1</b>	<b>nu</b>
<b>Tătar, Alexandru</b> . (2022). Regeneration of urban space in Romania: A case study of Bistrita municipality. Journal of the Bulgarian Geographical Society. 46. 43-50. 10.3897/jbgs.e87816.	<b>C</b>	<b>1</b>	<b>da</b>
<b>Alexandru TUDOR</b> , Remote sensing in biometeorology. Review of the Air Force Academy Vol XX, No 2 (46)/2022, DOI: 10.19062/1842-9238.2022.20.2.1	<b>E</b>	<b>1</b>	<b>da</b>
<b>Bîrsănuș, Elena</b> . (2022). Research Topics in Feminist and Gender Geography from 1975 to 2021. A Brief Assessment of Romania's Status. Territorial Identity and Development. 7. 5-26. 10.23740/TID120221.	<b>E</b>	<b>1</b>	<b>da</b>
Črepinšek, Zalika & Pogacar, Tjasa & <b>Kobulniczky, Bela</b> & Kajfež-Bogataj, Lučka & Pipenbaher, Nataša & Žiberna, Igor & Ivajnsic, Danijel. (2022). Spremenljivost dolžine rastne sezone in termalnega časa v Mariboru v obdobju 1971-2020. 10.18690/um.fnm.8.2022.3.	<b>I</b>	<b>1</b>	<b>nu</b>
Alina, Mureșan & <b>Lung, Mădălin</b> . (2022). The Demographic Consequences of the Restructuring Process of Mining Industry in Romania. Case Study: The Petroșani Depression. Acta Montanistica Slovaca. 10.46544/AMS.v27i1.19.	<b>E</b>	<b>1</b>	<b>nu</b>
<b>Tătar Marius Alexandru</b> , The Impact of Socio-Economic Activities on the Housing Quality Index (HCI) Of the Urban Axis Network in Romania Case Study: Urban Axis in Bistrita-Năsăud County. Preprints 2022, 2022110287 (doi: 10.20944/preprints202211.0287.v1) Multidisciplinary Digital Publishing Institute Academic Open Access Publishing MDPI in Basel, Switzerland.(2022)	<b>E</b>	<b>1</b>	<b>da</b>
<b>Codrea, P. M.</b> , Bilașco, Ș., Roșca, S., Irimuș, I.-A., Iuliu, V., Rusu, R., Fodorean, I., & Sestras, P. (2022). The Integrated Assessment of Degraded Tourist Geomorphosites to Develop Sustainable Tourism: A Case Study of Grădina Zmeilor Geomorphosite, North-West Region, Romania. Applied Sciences, 12(19), 9816. <a href="https://doi.org/10.3390/app12199816">https://doi.org/10.3390/app12199816</a>	<b>B</b>	<b>1</b>	<b>da</b>
<b>Țăruș, R.</b> , Dezsi, Ș., <b>Crăciun, A.M.</b> , <b>Pop, F.</b> , & <b>Tudorache, C.E.</b> (2022). Urban Shrinking Cities in Romania and The Netherlands—A Possible Policy Framing. Sustainability. 2022, 14, 6040. IF: 3,889 (2021), AIS = 0,515 (2021); <a href="https://doi.org/10.3390/su14106040">https://doi.org/10.3390/su14106040</a> (2022)	<b>C</b>	<b>4</b>	<b>da</b>
<b>Judith LAKATOS</b> , Zsolt MAGYARI-SÁSKA, Stefan DOMBAY, A GIS-BASED ANALYSIS FOR ECOTOURISM SUITABILITY IN A GEOLOGICAL COMPLEX AREA OF CARPATHIANS(2023), Geographia Technica, Vol. 18, Issue 1, 2023, pp 149 to 160, DOI: 10.21163/GT_2023.181.11	<b>C</b>	<b>1</b>	<b>da</b>
<b>Carina, Strapazan &amp; Kocsis, Istvan</b> & Ioan-Aurel, Irimus. (2023). An Evaluation of Lidar, EU-DEM and SRTM-Derived Terrain Parameters for Hydrologic Applications in Țibleș and Rodnei Mountains (Romania). Risks and Catastrophes Journal. 32. 1-20. 10.24193/R CJ2023_1.	<b>D</b>	<b>2</b>	<b>da</b>
<b>Tătar, Alexandru</b> . (2023). Analysing the Capacity of the Urban Road Transport Network Using a Dynamic Assignment Model in the Bistrița - Târgu Mureș Geographical Axis. Studia Universitatis Babeș-Bolyai Geographia. 68. 83-94. 10.24193/subbgeogr.2023.2.05.	<b>E</b>	<b>1</b>	<b>da</b>

<b>Tătar Marius Alexandru</b> , Analysis minimising travel time of the geographical axis of railway transport Bistrița-Târgu Mureș-Suceava -Baia Mare -Cluj-Napoca, Science Open Preprints, Publisher: Science Open, Inc. Berlin, Germany, DOI: 10.14293/PR2199.000343.v1, ISSN Online 2199-1006.(2023)	<b>E</b>	<b>1</b>	<b>da</b>
Tătar Marius Alexandru, Analysis of renewable energy potential in the Asia-Europe geographical axis, Boletín Geográfico Department of Geography, Faculty of Humanities, National University of Comahue (UNCo) Argentina, Vol.45(2023), ISSN 2313-903X (Electronic), ISSN 0326-1735 (Printed version)	<b>C</b>	<b>1</b>	<b>da</b>
<b>Gudea, Ioana</b> . (2023). Archaeotouristic Axes Related to Roman Camps in Bistrița-Năsăud, Cluj and Sălaj Counties in Romania. Studia Universitatis Babeș-Bolyai Geographia. 68. 31-41. 10.24193/subbgeogr.2023.1.03.	<b>E</b>	<b>1</b>	<b>da</b>
<b>Tătar Marius Alexandru</b> , Architectural personality in the geographical Axis Bistrița-Năsăud - Beclean- Sângeorz - Băi reflected in tourism activities, Revista "Pe malurile Prutului", Societatea Geografică „Gheorghe I. Năstase”, Republica Moldova ISSN 3008-2439.	<b>E</b>	<b>1</b>	<b>da</b>
<b>Ciascai, Ovidiu</b> & Dezsi, Ștefan & <b>Rus, Karina-Alexandra</b> . (2023). Complementarity of Cycle Tourism in the Tourist Development of Rural-Mountain Areas. Case study: the geographical area of Săcuieu-Răchițele in the Vlădeasa Massif. 51. 10.15551/lsgdc.v51i1.03.	<b>E</b>	<b>2</b>	<b>nu</b>
<b>CODREA, P.</b> , HOLOBĂCĂ, I., & IRIMUȘ, I. (2023), Assessing soil erosion caused by raindrops utilizing the index of erosion through precipitation (R-factor). Risks and Catastrophes Journal, 32(2), 1–18. <a href="https://doi.org/10.24193/rcj2023_8">https://doi.org/10.24193/rcj2023_8</a> .	<b>D</b>	<b>1</b>	<b>da</b>
Ciprian Moldovan, Sanda Roșca, <b>Cosmina-Daniela Ursu</b> , & Bogdan Dolean, (2023). Assessment of territory's susceptibility to landslides and soil erosion in Sibiu county based on GIS spatial analysis models. Revista de Geomorfologie, Proceedings of the 38th Romanian National Symposium on Geomorphology, Special Issue 2,	<b>E</b>	<b>2</b>	<b>nu</b>
<b>Sabău, D.A.</b> , Șerban, G., Brețcan, P. et al. Combining radar quantitative precipitation estimates (QPEs) with distributed hydrological model for controlling transit of flash-flood upstream of crowded human habitats in Romania. Nat Hazards 116, 1209–1238 (2023). <a href="https://doi.org/10.1007/s11069-022-05718-9">https://doi.org/10.1007/s11069-022-05718-9</a>	<b>C</b>	<b>1</b>	<b>da</b>
<b>Ciascai, Ovidiu</b> & Dezsi, Ștefan & <b>Rus, Karina-Alexandra</b> . (2023). Complementarity of Cycle Tourism in the Tourist Development of Rural-Mountain Areas. Case study: the geographical area of Săcuieu-Răchițele in the Vlădeasa Massif. 51. 10.15551/lsgdc.v51i1.03.	<b>E</b>	<b>2</b>	<b>da</b>
<b>Strapazan, Carina</b> , Ioan-Aurel Irimuș, Gheorghe Șerban, Titus Cristian Man, and Laura Sassebes. 2023. "Determination of Runoff Curve Numbers for the Growing Season Based on the Rainfall–Runoff Relationship from Small Watersheds in the Middle Mountainous Area of Romania" Water 15, no. 8: 1452. <a href="https://doi.org/10.3390/w15081452">https://doi.org/10.3390/w15081452</a>	<b>C</b>	<b>1</b>	<b>da</b>
<b>Mihuleț, Eugen</b> , Sorin Burcea, Andrei Mihai, and Gabriela Czibula. 2023. "Enhancing the Performance of Quantitative Precipitation Estimation Using Ensemble of Machine Learning Models Applied on Weather Radar Data" Atmosphere 14, no. 1: 182. <a href="https://doi.org/10.3390/atmos14010182">https://doi.org/10.3390/atmos14010182</a>	<b>C</b>	<b>1</b>	<b>da</b>

<b>Mihulet, Eugen &amp; Burcea, Sorin &amp; Mihai, Andrei &amp; Czibula, Gabriela. (2023).</b> Enhancing the Performance of Quantitative Precipitation Estimation Using Ensemble of Machine Learning Models Applied on Weather Radar Data. Atmosphere. 14. 182. 10.3390/atmos14010182.	<b>C</b>	<b>1</b>	<b>da</b>
<b>Tătar Marius Alexandru,</b> Geographic Axis and Cultural Diversity in Romania, LAP LAMBERT Academic Publishing-OmniScriptum, ISBN 978-620-6-14778-7 (2023)	<b>F</b>	<b>1</b>	<b>da</b>
<b>Tătar Marius Alexandru,</b> Geographical Axis typology comparisons Bistrița-Beclean-Năsăud -Sângeorz -Băi - Reghin-Tg. Mureș - Suceava-Baia Mare-Cluj-Napoca (Article poster) , Journal Science Open Posters, Publisher Science Open , DOI: 10.14293/P2199-8442.1.SOP-.PZ6TKF.v1 , ISSN 2199-8442 (2023).	<b>E</b>	<b>1</b>	<b>da</b>
<b>Marius Alexandru Tătar,</b> Implication of the Geographical Axis for international scale language research, Cadernos de Geografia, Department of Geography and Tourism, Faculty of Arts, University of Coimbra, Portugalia, Vol.48 (2023), ISSN: 0871-1623, e-ISSN: 2183-4016	<b>C</b>	<b>1</b>	<b>da</b>
Sanda Roșca, Ștefan Bilașco, Iuliu Vescan, Ioan Fodorean, Paul Sestraș, <b>Cosmina-Daniela Ursu, &amp; Andrei Firțală</b> (2023). Multi-risk decision-support tools for sustainable urban development. Revista de Geomorfologie, Proceedings of the 38th Romanian National Symposium on Geomorphology, Special Issue 2,	<b>E</b>	<b>2</b>	<b>nu</b>
<b>Tătar Marius Alexandru,</b> Number of inhabitants in the urban axis in Romania: Ranking the urban axis of Romania by total population (Article poster), Journal Science Open Posters, Publisher Science Open, DOI: 10.14293/P2199-8442.1.SOP-.PDBSAW.v1, ISSN 2199-8442. (2023)	<b>E</b>	<b>1</b>	<b>da</b>
<b>Tătar Marius Alexandru,</b> Population evolution after residence in the urban axis Bistrița-Beclean -Năsăud-Sângeorz-Băi in the period 1992-2000-2010-2020-2023: Evolution of population by residence in the centre of the urban axis in Bistrița-Năsăud county, Bistrița according to age groups in the period 1992-2000-2010-2020-2023 (Article poster) , Journal Science Open Posters, Publisher Science Open, DOI: 10.14293/P2199-8442.1.SOP-.PYVGOW.v1, ISSN 2199-8442. (2023)	<b>E</b>	<b>1</b>	<b>da</b>
<b>Tătar Marius Alexandru,</b> Quality Analysis of the Playground in the Urban Axis Bistrița-Beclean-Năsăud- Sângeorz -Băi, Modele de Amenajare, articol publicat în Volumul Conferința International Congress "Research - Innovation - Innovative Entrepreneurship", Chișinău, Republica Moldova, DOI: 10.46727/c.13-14-10-2023.p353-359, ISBN 978-9975-46-831-2.(2023)	<b>E</b>	<b>1</b>	<b>da</b>
<b>Tătar, Alexandru. (2023).</b> QUESTION: MEASURING THE QUALITY OF LIFE IN THE URBAN AXIS BISTRIȚA-BECLEAN -NĂSĂUD-SÂNGEORZ-BĂI , COMPARATIVE ANALYSIS WITH THE URBAN AXIS TG MUREȘ-SUCEAVA-BAIA MARE-CLUJ-NAPOCA. 345-372.	<b>D</b>	<b>1</b>	<b>da</b>
Pop, Ana-Maria & Hognogi, Gheorghe & <b>Ursu, Cosmina</b> & Adorean, Cristian & Batinas, Razvan & Marian-Potra, Alexandra-Camelia. (2023). Planificare teritorială - De la teorie la practică. Studii de caz din Ținutul Pădurenilor. 10.52257/9786063717413.	<b>F</b>	<b>2</b>	<b>nu</b>
<b>Tătar, Alexandru. (2023).</b> SHAPING URBAN SPACE IN ROMANIA. CASE STUDY: THE BISTRIȚA-BECLEAN URBAN AXIS. Revue Roumaine de Géographie / Romanian Journal of Geography. 67. 79-93. 10.59277/RRG.2023.1.07.	<b>C</b>	<b>1</b>	<b>da</b>

<b>Trif S</b> , Bilaşco Ş, Petrea D, Roşca S, Fodorean I, Vescan I. Spatial Modeling through GIS Analysis of Flood Risk and Related Financial Vulnerability: Case Study: Turcu River, Romania. Applied Sciences. 2023; 13(17):9869. <a href="https://doi.org/10.3390/app13179869">https://doi.org/10.3390/app13179869</a>	<b>B</b>	<b>1</b>	<b>da</b>
<b>Rus, Karina-Alexandra</b> & Dezsi, Ştefan & <b>Ciascai, Ovidiu</b> . (2023). Transformative Experiences in Cycling Tourism: A Conceptual Framework. Sustainability. 15. 15124. <a href="https://doi.org/10.3390/su152015124">10.3390/su152015124</a> .	<b>C</b>	<b>2</b>	<b>da</b>
ŞERBAN, Gheorghe & Batinas, Razvan & <b>Sabau, Daniel</b> & Hada, Estera & Pop, Ana-Maria. (2023). Water Quality Assesment in Peatlands from North-Western Romania: Iaz and La Poduri Case Studies.. Aerul și Apa: Componente ale Mediului. 2023. <a href="https://doi.org/10.24193/AWC2023_02">10.24193/AWC2023_02</a> .	<b>E</b>	<b>1</b>	<b>nu</b>
Sorin Cheval, Vlad-Alexandru Amihăesei, Zenaida Chitu, Alexandru Dumitrescu, <b>Vladut Falcescu</b> , Adrian Iraşoc, Dana Magdalena Mic, Eugen Mihulet, Irina Ontel, Monica-Gabriela Paraschiv, Nicu Constantin Tudose, A systematic review of urban heat island and heat waves research (1991–2022), <a href="https://doi.org/10.1016/j.crm.2024.100603">https://doi.org/10.1016/j.crm.2024.100603</a> , Climate Risk Management, Volume 44, 2024, 100603	<b>B</b>	<b>1</b>	<b>nu</b>
<b>Tătar, Alexandru</b> . (2024). Analysing the latest trends in forest ecosystem modelling: Applying NDVI Index values for urban forest research in Geographic Axis System. Pangeea. 24. 118-132.	<b>D</b>	<b>1</b>	<b>da</b>
<b>Gudea, Ioana</b> . (2023). Archaeotouristic Axes Related to Roman Camps in Bistriţa-Năsăud, Cluj and Sălaj Counties in Romania. Studia Universitatis Babeş-Bolyai Geographia. 68. 31-41. <a href="https://doi.org/10.24193/subbgeogr.2023.1.03">10.24193/subbgeogr.2023.1.03</a> .	<b>E</b>	<b>1</b>	<b>da</b>
<b>Nyulas, Judith</b> & Dezsi, Ştefan & Haidu, Ionel & Magyari-Sáska, Zsolt & Nita, Adrian-Florin. (2024). Attractiveness Assessment Model for Evaluating an Area for a Potential Geopark—Case Study: Haţeg UNESCO Global Geopark (Romania). Land. 13. 148. <a href="https://doi.org/10.3390/land13020148">10.3390/land13020148</a> .	<b>B</b>	<b>1</b>	<b>da</b>
<b>Vladut Falcescu</b> , Sorin Cheval, Dana Magdalena Micu, Alexandru Dumitrescu, Irena Roznovieţchi, Monica Dumitraşcu, Nicoleta Damian, Climate services in Romania – an analysis of stakeholders’ perceptions and needs, Climate Services, Volume 34, 2024, 100476, ISSN 2405-8807, <a href="https://doi.org/10.1016/j.cliser.2024.100476">https://doi.org/10.1016/j.cliser.2024.100476</a> .	<b>B</b>	<b>1</b>	<b>da</b>
Croitoru Adina-Eliza, <b>Banc Ştefana</b> , <b>Scripcă Sabina-Andreea</b> , Rus Adina-Viorica, Climatic suitability for outdoor tourism in Romania’s big cities, (2024), ; Environment, Development and Sustainability, Atmosphere 2024, 15(8), 996; <a href="https://doi.org/10.3390/atmos15080996">https://doi.org/10.3390/atmos15080996</a>	<b>C</b>	<b>1</b>	<b>da</b>
Ştefan, Bilasco & <b>Septimius, Trif</b> & Petrea, Dănuţ & Cocean, Pompei & Fodorean, Ioan & Rosca, Sanda & Vescan, Iuliu. (2024). Contributions to the Morphogenesis, Inventory, and Valorization of a Unique Speleological Geomorphosite from Miresii Cave—The Large Key of Dâmboviţa, the Corridor Bran—Dragoslave (Romania). Heritage. 7. 5814-5838. <a href="https://doi.org/10.3390/heritage7100274">10.3390/heritage7100274</a> .	<b>B</b>	<b>1</b>	<b>nu</b>
<b>Alexandru Marius TĂTAR</b> , DEMOGRAPHIC AND SOCIAL ANALYSIS OF THE HABITATIONAL AXIS ALONG THE VIA TRANSILVANICA TOURIST ROUTE IN BISTRIŢA-NĂSĂUD COUNTY, Revista Universitară de Sociologie – Issue 3/2024	<b>E</b>	<b>1</b>	<b>da</b>

<b>ALEXANDRU MARIUS TĂTAR</b> , Design Trends for Children’s Playgrounds in the Urban Environment, Case study: The city of Bistrița, , Romania Rev. Roum. Géogr./Rom. Journ. Geogr. 68, (2), 215–222, 2024, București. DOI: 10.59277/RRG.2024.2.06	<b>C</b>	<b>1</b>	<b>da</b>
Sabrina Tomasi , <b>Petra Szávics</b> , Chiara Aleffi,Concetta Ferrara,András Márton, Nataša Urbančiková ,Patrice dos Santos,Ana Ribeiro, Alessio Cavicchi,Oto Hudec, Drivers and challenges of RIS3-related university engagement: Insights from five European regions (2024), Regional Science Policy & Practice,Volume 16, Issue 1, January 2024, 12567,https://doi.org/10.1111/rsp3.12567	<b>C</b>	<b>1</b>	<b>nu</b>
<b>Cosmina-Daniela Ursu</b> & Jozsef Benedek (2024), Exploring local income inequalities by using spatial statistics. Emphasis on Romanian metropolitan areas. Eastern Journal of European Studies, 15(1)	<b>E</b>	<b>1</b>	<b>da</b>
<b>Somesan Teodora</b> , GEOGRAPHIC AXES AND TOURISM IMPLICATIONS. CASE STUDY: NIRAJ AXIS IN MUREȘ COUNTY, Journal: PANGEEA, 2024	<b>D</b>	<b>1</b>	<b>da</b>
Rus, I.; Șerban, G.; Brețcan, P.; Dunea, D.; <b>Sabău, D.A.</b> (2024), Identification of Vegetation Surfaces and Volumes by Height Levels in Reservoir Deltas Using UAS Techniques—Case Study at Gilău Reservoir, Transylvania, Romania. Sustainability 2024, 16, 648. https://doi.org/10.3390/su16020648 , WoSQ2,	<b>C</b>	<b>1</b>	<b>nu</b>
Tielidze, Levan & <b>George, Iacob</b> & Holobaca, Iulian. (2024). Mapping of Supra-Glacial Debris Cover in the Greater Caucasus: A Semi-Automated Multi-Sensor Approach. Geosciences. 14. 1-19. 10.3390/geosciences14070178.	<b>B</b>	<b>1</b>	<b>nu</b>
<b>Tătar, Alexandru.</b> (2024). Model Analysis Principles for the Design of Public Spaces in Bistrița-Târgu Mureș Urban Axis. Studia Universitatis Babeș-Bolyai Geographia. 69. 39-56. 10.24193/subbgeogr.2024.1.03.	<b>E</b>	<b>1</b>	<b>da</b>
<b>Tătar, Alexandru.</b> (2024). MODEL OF ADMINISTRATIVE-TERRITORIAL ORGANISATION USING THE CONCEPT OF GEOGRAPHICAL AXIS. CASE STUDY: SOMEȘUL MARE HYDROGRAPHICAL AXIS. Revista Română de Geografie Politică. 26. 10.30892/rrgp.262103-379.	<b>E</b>	<b>1</b>	<b>da</b>
<b>Trif, S.</b> , Bilașco, Ș., (2024) , Soil surface erosion susceptibility analysis using the USLE model. Case study: Bran -Dragoslavele Corridor, Romania. Nova Geodesia 4(3):203;	<b>D</b>	<b>1</b>	<b>da</b>
Ciprian Moldovan, Sanda Roșca, <b>Bogdan Dolean</b> , Raularian Rusu, <b>Cosmina-Daniela Ursu</b> , & Titus Man (2024), Spatial Planning Decision Based on Geomorphic Natural Hazards Distribution Analysis in Cluj County, Romania. Applied Sciences, 14(1), 440. https://doi.org/10.3390/app14010440, .	<b>B</b>	<b>1</b>	<b>nu</b>
<b>Ioana Irina Gudea, Teodora Someșan, Dănuț Huciu</b> , Călin Cornel Pop, SUSTAINABLE ARCHAEO TOURISM AND ECONOMIC DEVELOPMENT. CASE STUDY: MUREȘ VALLEY AXIS, ROMANIA,, Environmental Engineering and Management Journal, January 2024, Vol. 23, No. 1, 29-39, http://www.eemj.icpm.tuiasi.ro/; http://www.eemj.eu, http://doi.org/10.30638/eemj.2024	<b>C</b>	<b>3</b>	<b>da</b>
<b>Teodora Someșan</b> , Călin-Cornel Pop, THE INFLUENCE OF THE RELATIONSHIP PHYSICAL-GEOGRAPHIC ELEMENTS – GEOGRAPHIC AXES IN MUREȘ COUNTY (2024), Environmental Engineering and Management Journal , September 2024, Vol. 23, No. 9, 1909-1920 http://www.eemj.icpm.tuiasi.ro/; http://www.eemj.eu, http://doi.org/10.30638/eemj.2024.153	<b>C</b>	<b>1</b>	<b>da</b>

<b>Ioana Irina Gudea, Teodora Somesan</b> , Calin Cornel Pop, THE ROMAN LIMES IN TRANSYLVANIA – A GEOGRAPHICAL-ARCHAEOLOGICAL AXIS STRUCTURE (2024), Transylvanian Review of Administrative Sciences, Vol. 66 No. 1 (2025)	<b>C</b>	<b>2</b>	<b>da</b>
<b>Judith Nyulas</b> , TOURISM AND RECREATION Section. Multicriteria Analysis of Ecotourism Suitability in the Geopark Carpaterra p121. ESRI - Esri Map Book, Volume, ISBN 10: 1589487796 / ISBN 13: 9781589487796, Published by Esri Press, 2024.	<b>G</b>	<b>1</b>	<b>da</b>
<b>Tătar, Alexandru.</b> (2024). Tourist facilities with tourist accommodation functions Types of structures in the Geographical Axis Bistrița-Năsăud-Mureș-Suceava-Maramureș-Cluj.	<b>F</b>	<b>1</b>	<b>da</b>
<b>Nyulas, J.</b> ; Dezsi, Ștefan; Niță, A.; <b>Toma, R.-A.</b> ; <b>Lazăr, A.-M.</b> , Trends and Future Directions in Analysing Attractiveness of Geoparks Using an Automated Merging Method of Multiple Databases—R-Based Bibliometric Analysis. Land 2024, 13 (10), 1627. <a href="https://doi.org/10.3390/land13101627">https://doi.org/10.3390/land13101627</a> ,	<b>B</b>	<b>3</b>	<b>da</b>
<b>Gudea, Ioana</b> & Pop, Călin. (2024). Valorization of archeotouristic axes in Transylvania given by the Roman roads and hydrographic axes. Journal of Geography, Politics and Society. 14. 43-52. 10.26881/jpgs.2024.2.04.	<b>E</b>	<b>1</b>	<b>da</b>
<b>Cosmina-Daniela Ursu</b> , Jozsef Benedek & Kinga Temerdei-Ivan (2025), Accuracy Assessment of Four Land Cover Datasets at Urban, Rural and Metropolitan Area Level. Remote Sensing, 17(5), 756,	<b>B</b>	<b>1</b>	<b>da</b>
Raularian Rusu, Ciprian Moldovan, Titus Man, Elena-Manuela Bîrsănuț, & <b>Cosmina-Daniela Ursu</b> (2025)., Natural and Migration Balance of the Population in Sibiu County between 1992 and 2021. Studia UNIVERSITATIS BABEȘ-BOLYAI GEOGRAPHIA, Volume 69 (LXIX) 2024, 55-80,	<b>E</b>	<b>1</b>	<b>nu</b>
<b>Nyulas, J.</b> ; Dezsi, Ștefan; Niță, A.-F.; Magyari-Sáska, Z.; Frey, M.-L.; Horváth, A., Twenty-Five Years of Scientific Production on Geoparks from the Perspective of Bibliometric Analysis Using PRISMA. Sustainability 2025, 17 (5), 2218. <a href="https://doi.org/10.3390/su17052218">https://doi.org/10.3390/su17052218</a> ,	<b>B</b>	<b>1</b>	<b>da</b>
<b>Eugen MIHULEȚ</b> , Gabriela CZIBULA, Ștefan ALEXANDRESCU, Ana-Maria MARDALOESCU, Alexandra-Ioana ALBU, Mariana-Ioana MAIER, "Using Deep Learning for Enhancing the Performance of Ground-based Cloud Images Classification", Studies in Informatics and Control, ISSN 1220-1766, vol. 34(1), pp. 123-134, 2025. <a href="https://doi.org/10.24846/v34i1y202510">https://doi.org/10.24846/v34i1y202510</a>	<b>C</b>	<b>1</b>	<b>nu</b>
<b>Szávics, P.</b> (2025), Territorial patterns of Romanian research and innovation projects: Could smart specialisation ultimately contribute to reducing intra-regional disparities?, Journal of Settlements and Spatial Planning. doi: 10.24193/JSSP.2025.1.01,	<b>B</b>	<b>1</b>	<b>da</b>











