

Conf. univ. dr. Török-Oance Marcel

LISTA LUCRĂRILOR ȘTIINȚIFICE

A. Teza de doctorat

1. *Munții Mehedințiului. Studiu geomorfologic* (distincția Magna Cum Laude). Academia Română, Institutul de Geografie din București, manuscris, 305 pp. Indrumător științific C.S.I dr. Lucian Badea

B. Cărți și capitole în cărți

1. Salberg, A.B., Ardelean, F., **Török-Oance, M.**, 2017, Avalanche detection in remote sensing images (chapter 6), in Stăncălie, G. (Ed.), Remote sensing, model and in-situ data fusion for snow-pack parameters and related hazards in a climate change perspective, Ed. Printech, București, 135-146.
2. **Török-Oance, M.**, Ardelean, F., Voiculescu, M., Milian, N., 2017, Snow avalanche inventory and hazard assessment in Fagaras Mountains, Southern Carpathians (chapter 7), in Stăncălie, G. (Ed.), Remote sensing, model and in-situ data fusion for snow-pack parameters and related hazards in a climate change perspective, Ed. Printech, București, 147-161.
3. Boengiu, S., **Török - Oance M.**, Vîlcea, C., 2012. Deep Seated Landslides of Seciurile (Getic Piedmont, Romania) and Its Implication for the Settlement, In: Margottini C, Canuti P, Sassa K (eds) Landslide Science and Practice, Volume 7: Social and Economic Impact and Policies, Springer, XVI, p.113-120, ISBN 978-3-642-31312-7, DOI: 10.1007/978-3-642-31313-4_15
4. Micle D., Măruia L., Cîntar A., **Torok-Oance M.**, Die Erdwälle vom rumänischen Banat im Kontext der Landschaftsarchäologie, în Nemeth E., Fodorean Fl., Matei D., Blaga D., Der südwestliche Limes des römischen Dakien. Strukturen und Landschaft, ed. Mega, Cluj Napoca, 2011, p. 82-88 (ISBN 978-606-543-202-4)
5. **Török – Oance, M.**, Capitolul Carstul din România în "Geografie" (editori Munteanu R., Vert, C.). Editura Mirton, Timișoara, 2001, 123 pp.
6. **Török – Oance, M.**, Capitolul: Baza de date spațială a Rezervației Ornitologice Mlaștinile de la Satchinez (pp. 15 – 31) în Mlaștinile de la Satchinez. Flora și fauna ariei protejate (editor Dan Stănescu). Edit. Artpress Timișoara, 2005, 219 pp.
7. **Török – Oance, M.**, Torok-Oance, R., Capitolul: Câteva gânduri critice și discuții cu privire la activitatea antropică (pp. 201 – 211) în Mlaștinile de la Satchinez. Flora și fauna ariei protejate (editor Dan Stănescu). Edit. Artpress Timișoara, 2005, 219 pp.

C. Lucrări indexate ISI/BDI

1. Rotaru M-A, Crețan R, Jucu IS, Ianăș A-N, **Török-Oance M.** (2024). How Can Digital Maps of Religions Inform Us about Fractionalization and Polarization in Post-Communist Romania? Religions. 2024; 15(7):763. <https://doi.org/10.3390/rel15070763>
2. Mircea Voiculescu, **Marcel Török-Oance**, Patrick Chiroiu, Florentina Popescu (2023). Snow avalanches in relation to tourism and transportation activities in the Făgăraș Mountains, Romanian Carpathians. Anthropocene, Vol. 44, 100407 <https://doi.org/10.1016/j.ancene.2023.100407>.

3. Török-Oance, R. P., & Török-Oance, M. F. (2023). Environmental constraints affect underground reproduction of the common toad (*Bufo bufo*). *Amphibia-Reptilia*, 44(3), 363-374. <https://doi.org/10.1163/15685381-bja10147>
4. Voiculescu, M., Torok-Oance M., Chiroiu, P., Popescu, F. (2023) Snow avalanches in relation to tourism and transportation activities in the Făgăraș Mountains, Romanian Carpathians. *Anthropocene*, <https://doi.org/10.1016/j.ancene.2023.100407>
5. Török-Oance, M., & Török-Oance, R. (2019). How much open water do waterbirds have in the Banat Plain? The first permanent inland water bodies inventory at 10-m resolution using Sentinel-2 imagery at regional – scale. *Forum geografic*, XVIII(2), 132-142. [doi:10.5775/fg.2019.038.d](https://doi.org/10.5775/fg.2019.038.d)
6. Voiculescu, M., Ardelean, F., Török-Oance, M., Milian, N., 2016, Topographical factors, meteorological variables and human factors in the control of the main snow avalanche events in the Făgăraș Massif (Southern Carpathians - Romanian Carpathians): Case studies, *Geographia Polonica*, 89:1, 47-64, <http://dx.doi.org/10.7163/GPol.0045>.
7. Ardelean, F., Drăguț, L., Urdea, P., Török-Oance, M., (2013), Variations in landform definition: a quantitative assessment of differences between five maps of glacial cirques in the Țarcu Mountains (Southern Carpathians, Romania), *Area*, 45 (3): 348-357, doi:10.1111-area.12043.
8. Török - Oance M., Ardelean F., 2012. Object-oriented image analysis for detection of the barren karst areas. A case study: The Central Sector of the Mehedinți Mountains (Southern Carpathians). *Carpathian Journal of Earth and Environmental Sciences*, Vol. 7, No. 2, p. 249 – 254.
9. Voiculescu, M., Ardelean, F., Onaca A., Török-Oance, M. - Analysis of snow avalanche potential in Bâlea glacial area - Făgăraș massif, Southern Carpathians (Romanian Carpathians) *Zeitschrift für Geomorphologie, Annals of Geomorphology*, 2011 (ISSN 0372-8854) DOI: 10.1127/0372-8854/2011/0054.
10. Moise, C.; Badea, A.; Török - Oance, M. F.; Sandric, I.; Popescu, G. & Jivanescu, Using geospatial technologies to elaborate medium-scale digital geomorphological map of Romania I.E. KBO 2010 Conference Proceedings.
11. Török-Oance, M., & Török-Oance, R. (2016). The Assessment of Artificial Water Surfaces Regeneration in Stachinez Swamps Protected Area by Using Remote Sensing and In-situ Data. *Forum geografic*, XV(2), 140-151. doi:10.5775/fg.2067-4635.2016.058.d (ERIH PLUS)
12. Ardelean, F., Török-Oance, M., Voiculescu, M., 2015, Snow avalanche tracks mapping in Bâlea glacial valley (Făgăraș Mountains) using semi-automated detection methods, *Forum geografic*, XIV(2), 95-100. doi:10.5775/fg.2067-4635.2015.041.d. (ERIH PLUS)
13. Török-Oance, R., & Török-Oance, M. (2012). Trends in land cover change in abandoned mountain pastures. A case study: Măgura Marga Massif (the Southern Carpathians). *Forum geografic*, XI(2), 214-222. doi:10.5775/fg.2067-4635.2012.084.d (EBSCO, Index Copernicus, ERIH PLUS)
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). *Forum geografic*, X(1), 20-26. doi:10.5775/fg.2067-4635.2011.007.i (EBSCO, Index Copernicus)
15. Voiculescu, M., Popescu, F., Onaca, A., Torok-Oance M., 2011, Ski activity in western part of Southern Carpathians. Case study: Straja ski area, *Analele Universitatii din Oradea – Seria Geografie Tom XXI*, no. 2/2011, pp. 159-171. (EBSCO, Index Copernicus)

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18. Onaca A., Urdea P., **Török – Oance M.**, Ardelean, F., Electrical Resistivity Measurements in Sensitive Periglacial Environment from Southern Carpathians (Romania) *Annals of DAAAM for 2011 & Proceedings of the 22nd International DAAAM Symposium*, Published by DAAAM International, Vienna, Austria, pp 0865-0866. – (SCOPUS).
19. **Torok-Oance M.**, Voiculescu M., Ardelean M., Florentina Popescu, The use of the digital terrain model in analyzing the natural potential of the Muntele Mic - Poiana Mărului - Țarcu Mountains tourist area to extend and plan the ski domain, *Geographical Phorum*, Year 9, No. 9/ 2010, pp. 173-180. (EBSCO, Index Copernicus)
20. **Torok-Oance M.**, Ardelean Florina, Onaca A., Voiculescu M., Urdea P., The evaluation of different types of digital elevation models for geomorphological applications in mountain areas. *Annals of DAAAM for 2010 & Proceedings of the 21st International DAAAM Symposium*, Published by DAAAM International, Vienna, Austria, pag. 1413-1415. (SCOPUS).
21. Mircea VOICULESCU, Alexandru ONACA, Narcisa MILIAN, Florina ARDELEAN, **Török - Oance, M.**, Mihaela STANCESCU, Analysis of snow avalanche from Mars 07, 2007 within the Calțun-Negoiu Area, in the Fagaras Massif (Southern Carpathians), *Analele Universitatii din Oradea – Seria Geografie Tom XX*, no. 1/2010 (June), pp. 22-33. (EBSCO, Index Copernicus)
22. **Török - Oance, M.**, Micle, D., Digital terrain analysis as a tool for the identification of possible areas with rural post – Roman archaeological sites in the S-W Dacia, *Annales d’Université Valahia Targoviste, Section d’Archéologie et d’Histoire*, Tome XII, Numéro 2, 2010, p. 139-147 ISSN: 1584-1855. (SCOPUS)
23. Dorel M., Măruia, L., **Török-Oance, M.**, Lazarovici, Gh., Lazarovici Mantu, C., Cîntar, A., Archaeological geomorphometry and geomorphography. Case study on Cucutenian sites from Ruginoasta and Scânteia, Iasi County, Romania *Annales d’Université Valahia Targoviste, Section d’Archéologie et d’Histoire*, Tome XII, Numéro 2, 2010, p.23-37. (SCOPUS)
24. Domășneanu, A., **Török - Oance, M.** A natural reserve – The Satchinez Swamps, Lakes, Reservoirs and ponds. *Romanian Journal of Limnology*, 2010, vol 4(2): 167-172. (Index Copernicus, DOAJ).
25. **Torok-Oance M.**, Ardelean F., Onaca A., The semi-automated identification of the planation surfaces on the basis of the digital terrain model. Case study: The Mehedinți Mountains, *Geographical Phorum*, No. 8/ 2009, pp. 5-13. (EBSCO, Index Copernicus)
26. Micle D., Török - Oance M., Măruia L., The morpho-topographic and cartographic analysis of the archaeological site Cornesti "Iarcuri", Timis County, Romania, using computer sciences methods. *Ann. Univ. Tibiscus, Computer Science Series*, VII, 2009, p. 249-262. (Index Copernicus)

27. Urdea P., **Török-Oance M.**, Ardelean M., Vuia F., Voiculescu M., Geomorphological Aspects of the Human Impact in the Alpine Area of Southern Carpathians (Romania) Hrvatski geografski glasnik, Croatian Geographical Bulletin, vol 71, nr.1/2009, pg. 19-32, ISSN: 1331-5854 (SCOPUS).

D. Lucrări publicate în reviste și volume de conferințe cu referenți

1. Voiculescu, M., Torok-Oance, M., and Bodea, D.: A 130-year history of avalanche risk in the Fagaras Mountains, Romanian Carpathians deduced from interference with human activities, 10th International Conference on Geomorphology, Coimbra, Portugal, 12–16 Sep 2022, ICG2022-433, <https://doi.org/10.5194/icg2022-433>, 2022.
2. **Török-Oance, M.**, Ardelean, F., Voiculescu, M., Milian, N., A 2016, First Snow Avalanche Inventory In The Romanian Carpathians Based On Very High-Resolution Satellite Images, 36th EARSEL Symposium: Frontiers in Earth Observation (abstract book).
3. **Török-Oance, M.**, Török-Oance, R., Onaca, A., Ardelean, F., Voiculescu, M., Recent changes of the timberline and treeline in the Southern Carpathians (Romania), Global Change and the World's Mountains, September 2010, Perth, (publicat pe CD).
4. Urdea, P., Ardelean, F., Onaca, A., Ardelean, M., **Török-Oance, M.** - Geomorphological mapping of some periglacial landforms from Southern Carpathians, Romania, Third European Conference on Permafrost, The University Center in Svalbard, Longyearbyen, June, 2010.
5. Popescu, F., Voiculescu, M., **Török-Oance M.** (2009), Climate change adaptation of two ski resorts: Sinaia and Straja, Proceedings of the EnE09 – Climate Change and Sustainable Tourism Conference, The Fifth Regional Conference, Beograd pg. 26-32.
6. Popescu F., Olaru M., Voiculescu M., **Török-Oance M.**, 2009, Alternative Tourism within the Southern Carpathians, Proceedings of the International Conference Alternative Tourism-Theory and Practice, Varna 31.10-1.11.2009, (publicată pe CD).
7. Urdea, P., Ardelean, F., Onaca, A., Ardelean, M., **Török-Oance, M.** (2008) Application of DC resistivity tomography in the alpine area of Southern Carpathians (Romania), pp. 323-333. Kane, D.L., Hinkel, K. (editors), Ninth International Conference on Permafrost, Institute of Northern Engineering, University of Alaska, Fairbanks.
8. Urdea P, **Török-Oance M**, Ardelean F, Onaca A, Ardelean M, Voiculescu M (2008) The Făgăraș Mountains: Bălea-Capra area. In: Bălțeanu D (ed), IAG Regional conference on geomorphology “Landslides, floods and global environmental change in mountain regions”. Field Guide. University Publishing House, București, pp 42–48.
9. Urdea, P., Mihai, B., Popa, I., Vespremeanu–Stroe, A., **Török – Oance M.**, Ardelean, M., Ardelean, F., Onaca, A., Tatui, F. Noi metode de studiu aplicate la zona alpina a Carpatilor românești.(New study methods applied in the alpine level from the Southern Carpathians). MENER 2008 – Mediu, pp. 585-595.

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