LUCRĂRI PUBLICATE
dr. Cheţan Marinela-Adriana

Articole ISI

1. Dornik A., **Cheţan M-A**., Crişan T.E., Heciko R., Gora A., Drăguţ L., Panagos P., 2024, Geospatial evaluation of the agricultural suitability and land use compatibility in Europe's temperate continental climate region, International Soil and Water Conservation Research (IF 7.3; AIS 1.371; Q1), https://doi.org/10.1016/j.iswcr.2024.01.002

2. Dornik A., **Cheţan M-A**., Drăguţ L., Iliuţă A., Dicu D.D., 2022, Importance of the mapping unit on the land suitability assessment for agriculture, **Computers and Electronics in Agriculture** (IF 6.757; **AIS 1.049**; **Q1**), 201: 107305, https://doi.org/10.1016/j.compag.2022.107305

3. Dornik A., **Cheţan M-A.**, Drăguţ L., Dicu D.D., Iliuţă A., 2022, *Optimal scaling of predictors for digital mapping of soil properties*, **Geoderma** (IF 6.114**; AIS 1.221**; **Q1**), 405:115453, DOI: 10.1016/j.geoderma.2021.115453

4. Dornik A., Ion M. C., **Cheţan M-A**., Pârvulescu L., 2021, *Soil-Related Predictors for Distribution Modelling of Four European Crayfish Species*, **Water** (IF 3.103; **AIS 0.521**; **Q2**), 13:16, 2280, https://doi.org/10.3390/w13162280

5. **Cheţan, M-A.**, Dornik, A., 2021, *20 years of landscape dynamics within the world's largest multinational network of protected areas*, **Journal of Environmental Management** (IF 6.789; **AIS 1.114**; **Q1**), 280, 111712, https://doi.org/10.1016/j.jenvman.2020.111712

6. **Cheţan, M-A**., Dornik, A., Ardelean, F., Georgievski, G., Hagemann, S., Romanovsky, V.E., Onaca, A., Drozdov, D.S., 2020, *35 Years of Vegetation and Lake Dynamics in the Pechora Catchment, Russian European Arctic*, **Remote Sensing** (IF 4.848**; AIS 0.933**; **Q1**), 12:11, 1863, https://doi.org/10.3390/rs12111863

7. Ardelean, F., Onaca, A., **Cheţan, M-A**., Dornik, A., Georgievski, G., Hagemann, S., Timofte, F., Berzescu, O., 2020, *Assessment of Spatio-Temporal Landscape Changes from VHR Images in Three Different Permafrost Areas in the Western Russian Arctic*, **Remote Sensing** (IF 4.848; **AIS 0.933**; **Q1**), 12:23, 3999, https://doi.org/10.3390/rs12233999

8. **Cheţan, M-A**., Dornik, A., Urdea, P., 2018, *Analysis of recent changes in natural habitat types in the Apuseni Mountains (Romania), using multi-temporal Landsat satellite imagery (1986–2015)*, **Applied Geography** (IF 3.068; **AIS 0.859**; **Q1**), 97, 161-175, https://doi.org/10.1016/j.apgeog.2018.06.007

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Articole BDI

1. **Cheţan, M., A.,** Dornik, A., Urdea, P., 2017, Comparison of Object and Pixel-based Land Cover Classification through three Supervised Methods, *ZFV - Zeitschrift fur Geodasie, Geoinformation und Landmanagement*, 142(5):265, [DOI: 10.12902/zfv-0165-2017]()

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1. Dornik A., Draguţ L., **Chetan M. A**., Oguchi T., Hayakawa Y., Micu M., 2020, Towards a consistent set of land-surface variables for landslide modelling, *Extended abstract, Geomorphometry Conference Proceedings*, Perugia, Italy, [DOI: 10.30437/GEOMORPHOMETRY2020_44]()

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1. Dornik A., **Cheţan M.A.**, Crişan T.E., Heciko R., Gora A., Drăguţ L., Panagos P., 2023, Mapping land suitability for agriculture in Europe's humid continental climate, *Wageningen Soil Conference 2023*, August 28 - September 1, 2023, Wageningen, Netherlands

2. Dornik A. , **Cheţan M.A.**, Dragut L., Iliuţă A., Dicu D., Delineation of mapping units for land suitability assessment using land-surface parameters, *Geomorphometry2023*, July 10 – 14, 2023, Iasi, Romania

3. Dornik A., **Cheţan M.A.,** Drăguţ L., Iliuţă A., Dicu D.D., 2023, Digital mapping of soil properties with optimally scaled predictors, *European Geosciences Union 2023*, 23-28.04.2023, Vienna, Austria

4. Oguchi T., Dragut L., Hayakawa Y.S., Micu M., Dornik A., Sirbu F., Iizuka K., Ionita A., Lungu M., Kasai M., **Chetan M**., 2023, Japan–Romania collaborative research on landslides and terrain analysis, *Regional Conference on Geomorphology Cappadocia,* 12-14 September 2023

5. Dornik A., **Cheţan M.A.,** Drăguţ L., Dicu D.D., Iliuţă A., 2022, Digital rating of land suitability to crops and land use in Romania, *22nd World Congress of Soil Science (WCSS 2022)*, 31 July – 5 August 2022, Glasgow, UK

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7. Dornik A., **Cheţan M.A.,** Drăguţ L., Dicu D.D., Iliuţă A., 2021, Importance of multiscale predictors for digital mapping of soil properties, THE 2nd INTERNATIONAL CONFERENCE: GEOGRAPHICAL SCIENCES AND FUTURE OF EARTH, GeoEarth 2021, November 22, Bucharest, Romania

8. Dornik A**.**, **Cheţan M.A.**, Drăguţ L., Iliuţă A., Dicu D.D., 2021, Optimal Scaling of Predictors for Digital Mapping of Soil Properties, *The Thirteenth International Conference on Advanced Geographic Information Systems, Applications, and Services, GEOProcessing 2021*, July 18-22, Nice, France

9. Dornik A., Draguț L., **Chetan M. A**., Oguchi T., Hayakawa Y., Micu M., 2021, Towards a consistent set of land-surface variables for landslide modelling, *Geomorphometry Conference*, September 13-17, Perugia, Italy

10. **Chetan M**, Dornik A, 2020, Analysis of human impact within Natura 2000 protected areas using remote sensing data, *SPIE Remote Sensing Digital Forum 2020*, 21 - 25 September 2020

11. Ardelean F., Onaca A., Dornik A**.**, **Chețan M**., 2020, Assessment of spatio-temporal landscape changes from VHR satellite images in three different permafrost areas from West Siberia, *22nd International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)*, Timișoara, 01-04.09.2020

12. **Chețan M.**, Dornik A., 2020, 20 years of forest change in Natura 2000 protected areas network, *EGU2020: Sharing Geoscience Online*, 04-08.05.2020

13. Ardelean F., **Chețan M.,** Dornik A., Onaca A., Georgievski G., Drozdov D., Romanovsky V., Hagemann S., Nicolsky D., Sein D., 2020, Recent landscape changes assessed by remotely sensed data in Pechora Region, *EGU2020: Sharing Geoscience Online*, 04-08.05.2020

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15. Ardelean, F., Dornik, A., **Chețan, M**., Onaca, A., 2019, Assessment of recent vegetation changes in permafrost areas from West Siberia using Google Earth Engine, *"Geographia Napocensis" Conference*, Cluj-Napoca, Romania, 03-06.10.2019

16. **Chețan, M.,** Ardelean, F., Dornik, A**.**, Onaca, A., Berzescu, O., Hegyi, A., 2019, Assessing landscape changes using Google Earth Engine in different permafrost areas from West Siberia, *21st International Symposium on Symbolic and Numerical Algorithms for Scientific Computing (SYNASC)*, Timișoara, 04-07.09.2019

17. Onaca, A., Ardelean, F., **Chețan, M.**, Dornik, A., Hegyi, A., Urdea, P., 2019, Quantifying recent landscape changes using multi-temporal satellite images in permafrost areas from Western Siberia, *17th International Symposium on Geo-disaster Reduction*, 19-23.08.2019, Issyk Kul, Kyrgyzstan

18. Dornik A., **Chețan M.,** Drăguț L., Cacovean H., 2019, A geographic information system for assessing the suitability of Romanian land to crops and land use, *United Nations/Romania International Conference on Space Solutions for Sustainable Agriculture and Precision Farming*, Cluj-Napoca, Romania, 06-10 May

19. Ion M., **Chetan M.,** Dornik A., Pârvulescu L, 2018, Are Soil Properties Good Predictors in Distribution Modelling for Three European Crayfish?, *International Association of Astacology (IAA) 22th Symposium*, Pittsburgh, USA, 9-13 July

20. Dornik A., **Chețan, M.A**., 2018, Soil type mapping using geographic object-based image analysis, *Soil Classification and Education Conference,* Toruń, Poland, 18-20 May

21. **Chețan, M.A.,** Dornik, A., 2017, Recent changes of habitat types in the Natura 2000 site Apuseni-Vlădeasa Mountains, *3rd Workshop on Geoinformatics, 19th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2017)*, September 21 – 24, Timisoara, Romania.