

LUCRĂRI PUBLICATE

Articole ISI

1. Dornik A., **Chețan M-A.**, Drăguț L., Dicu D.D., Iliuță A., 2022, *Optimal scaling of predictors for digital mapping of soil properties*, **Geoderma** (IF 6.114; AIS 1.122; **Q1**), 405:115453, DOI: [10.1016/j.geoderma.2021.115453](https://doi.org/10.1016/j.geoderma.2021.115453)
2. Dornik A., Ion M. C., **Chețan M-A.**, Pârvulescu L., 2021, *Soil-Related Predictors for Distribution Modelling of Four European Crayfish Species*, **Water** (IF 3.103; AIS 0.5; **Q2**), 13:16, 2280, <https://doi.org/10.3390/w13162280>
3. **Chețan, 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 1.074; **Q1**), 280, 111712, <https://doi.org/10.1016/j.jenvman.2020.111712>
4. **Chețan, 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>
5. Ardelean, F., Onaca, A., **Chețan, 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>
6. **Chețan, 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>

Cărți

1. **Chețan, M-A.**, 2021, [Analiza schimbărilor tipurilor de habitat în siturile Natura 2000 Munții Apuseni-Vlădeasa, Defileul Mureșului Inferior-Dealurile Lipovei și Drocea-Zarand, între 1986 și 2015](#), Editura Universității de Vest, ISBN 978-973-125-862-1, 185 p.

Articole BDI

1. **Chețan, M., A.**, Dornik, A., Urdea, P., 2017, *Comparison of Object and Pixel-based Land Cover Classification through three Supervised Methods*, **ZfV - Zeitschrift für Geodäsie, Geoinformation und Landmanagement**, 142(5):265, DOI: [10.12902/zfv-0165-2017](https://doi.org/10.12902/zfv-0165-2017)

Lucrări la conferințe științifice internaționale

1. Dornik A., Draguț 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](https://doi.org/10.30437/GEOMORPHOMETRY2020_44)

PROIECTE ȘI GRANTURI DE CERCETARE

Cercetător postdoctoral (mai 2021 – decembrie 2022)

Poiect de cercetare național: [Racul bihorean: de la necunoscut, spre măsuri moderne de conservare a speciei](#),

cod proiect: PCE 3/04.01.2021, finanțat în cadrul PN-III-P4-ID-PCE-2020-1187, buget: 1.197.712,00 lei

Asistent de cercetare (Ianuarie 2019 - Octombrie 2020)

Proiect de Cercetare național: PNIII 28 FTE [Big Data Science](#), Acronimul proiectului: BID, buget: 5 000 000 lei

Cercetător postdoctoral (Noiembrie 2018 – Octombrie 2020)

Proiect de cercetare internațional: [Study of the development of extreme events over permafrost areas](#), Ministry of Research and Innovation and CNCS – UEFISCDI within ERANET, ERANET-RUS-PLUS-SODEEP, Acronimul proiectului: SODEEP, buget: 528 460 lei

LUCRĂRI COMUNICATE LA CONFERINTE

1. Dornik A., **Chețan M.A.**, Drăguț L., Iliuță 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
2. 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
3. **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
4. 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
5. **Chețan M.**, Dornik A., 2020, 20 years of forest change in Natura 2000 protected areas network, *EGU2020: Sharing Geoscience Online*, 04-08.05.2020
6. 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
7. Georgievski G., Hagemann S., Sein D., Drozdov D., Gravis A., Romanovsky V., Nicolsky D., Onaca A., Ardelean F., **Chețan M.**, Dornik A., 2020, Climate extremes relevant for permafrost degradation, *EGU2020: Sharing Geoscience Online*, 04-08.05.2020

8. 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
9. **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
10. 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
11. 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
12. 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
13. 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
14. **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.

dr. Chețan Marinela Adriana