

**Lista de lucrări**  
**CS III Dr. Ștefănescu Niculina-Lucrina**

ISI (according to Web of Science)

1. Hognogi, G.-G., Meltzer, M., Alexandrescu, F., & **Ștefănescu, L.** 2023. The role of citizen science mobile apps in facilitating a contemporary digital agora. *Humanities and Social Sciences Communications*, 10(1), 863. <https://doi.org/10.1057/s41599-023-02358-7>.
2. Alexandrescu F., **Ștefănescu L.**, Pop A., 2022. Penumbra of the planetary mine: experiencing (post-) mining transformations in the Western Carpathians of Romania, *Eurasian Geography and Economics*, DOI: 10.1080/15387216.2022.2117716.
3. Alexandrescu F., Anghel I., Stănescu S., **Ștefănescu L.** Pop A., 2021. From environmental to climate justice: social-environmental expulsions and the emergence of a climate edge in Europe, *Globalizations*, DOI: 10.1080/14747731.2021.2009307.
4. Alexandrescu , Anghel I., Adorjani J., **Ștefănescu L.**, Pop A., Mihai A., 2021. On the Path of Evictions and Invisibilization: Poor Roma facing Climate Vulnerability. *Cities* 114 (2021) 103201, <https://doi.org/10.1016/j.cities.2021.103201>
5. Botezan C., Constantin V., Meltzer M., Radovici A., Pop A., Alexandrescu F., **Ștefănescu L.**, 2020. Is there Sustainable Development after Mining? A Case Study of Three Mining Areas in the Apuseni Region (Romania), *Sustainability* 12: 9791, 1-20; doi:10.3390/su12239791
6. **Ștefănescu L.**, Alexandrescu, F., 2020. Environmental protection or subversion in mining? Planning challenges, perspectives and actors at the largest gold deposit in Europe, *Land Use Policy* 95 103649, DOI: <https://doi.org/10.1016/j.landusepol.2018.10.011>.
7. Malschi D., Muntean L.O., Oprea I.C., Roba C., Popița G.E., **Ștefănescu L.**, Florian B., Rînba E. 2018 Research on wastewaters bioremediation with aquatic species for constructed wetlands, *Environmental Engineering and Management Journal* 17(7): 1753-1764.
8. **Ștefănescu L.**, Botezan C., Crăciun I., 2018. Vulnerability Analysis for Two Accident Scenarios at an Upper-Tier Seveso Establishment in Romania, *Geographia Technica* 13(1): 109-118, DOI: 10.21163/GT\_2018.131.10
9. Meltzer M., **Ștefănescu L.**, Ozunu Al, 2018. Keep Them Engaged: Romanian County Inspectorates for Emergency Situations' Facebook Usage for Disaster Risk Communication and Beyond, *Sustainability* 10(5), 1411; <https://doi.org/10.3390/su10051411>.
10. Roman E., **Ștefănescu L.**, Kozma Kis E.E., Chiribucă D., Dîncu A., Arghiuș V., Ozunu A., 2016. Early Warning Systems for Disaster Risk Reduction: A Case Study in North-West of Romania, *STUDIA UBB CHEMIA*, LXI, 3, Tom II: 365-378.
11. Constantin V., **Ștefănescu L.**, Kantor C.M., 2015. Vulnerability Assessment Methodology: A Tool for Policy Makers in Drafting a Sustainable Development Strategy of Rural Mining Settlements in the Apuseni Mountains, Romania, *Environmental Science and Policy* 52: 129 – 139, 10.1016/j.envsci.2015.05.010.
12. Malschi, D., Oprea I.C., **Ștefănescu L.**, Popița G.E., D. I. Brăhăița, Rînba E., Kadar R. 2015. Research on wastewater phytoremediation using aquatic species for heavy metals phytoextraction and bioaccumulation. *Environ. Eng. Manag. J.* 14, 2577–2589.

13. **Ștefănescu L.**, Robu B. M., Ozunu A. 2013. Integrated approach of environmental impact and risk assessment of Rosia Montana mining area, Romania, *Environ Sci Pollut Res*, DOI 10.1007/s11356-013-1528-x.
14. Malschi Dana, Roman Cecilia, Miclean Mirela, Șenilă Marin, **Ștefănescu Lucrina**, Malschi Florian Bianca, Bolonyi Alin, Ghira George, Brăhăița Dorian, Crihan Alexandru, 2013. Phytoextraction of heavy metals from industrially polluted zone using *Lolium perenne* and *Lemna minor*, *Environmental Engineering and Management Journal* 12(5): 1103-1108.
15. **Ștefănescu L.**, Constantin V., Surd V., Ozunu A., Vlad Ș-N. 2011. Assessment of soil erosion potential by the USLE method in Roșia Montană mining area and associated NATECH events, *Carpathian Journal of Earth and Environmental Sciences*, 6 (1): 35 – 42.
16. Tanțău I., Fărcaș S., Beldean C., Geantă A., **Ștefănescu L.**, 2011. Late Holocene Paleoenvironments and Human Impact in Făgăraș Depression (Southern Transylvania, Romania), *Carpathian Journal of Earth and Environmental Sciences* 6(1): 171–178.
17. Levei E., Senilă M., Miclean M., Bela A., Roman C., **Ștefănescu L.**, Moldovan O. T. 2011. Influence of Rosia Poieni and Rosia Montana mining areas on the water quality of the Aries river, *Environmental Engineering and Management Journal* 10(1): 23-29.
18. Miclean M., Cadar O., Roman C., Tanaselia C., **Ștefănescu L.**, Stezar C.I., Groza I.S. 2011. The influence of environmental contamination on heavy metals and organochlorine compounds levels in milk *Environmental Engineering and Management Journal* 10(1): 37-42.
19. Șenilă M., Levei E., Miclean M., Șenilă L., **Ștefănescu L.**, Mărginean S., Ozunu A., Roman C., 2011. Influence of pollution level on heavy metals mobility in soil from NW Romania, *Environmental Engineering and Management Journal* 10(1): 59-64.
20. Ozunu, A., Senzaconi, F., Botezan, C., **Ștefănescu, L.**, Nour, E., and Balcu, C., 2011. Investigations on natural hazards which trigger technological disasters in Romania, *Nat. Hazards Earth Syst. Sci.*, 11, 1319-1325, doi:10.5194/nhess-11-1319-2011.
21. Arghiuș V., Ozunu Al., **Ștefănescu L.**, Costan C., Arghiuș C., 2010. Damages Associated to 1995-2006 Floods and Flash-Floods in the East of the Apuseni Mountains, *Quaestiones Geographicae*, 29(3), 5-12.
22. Ozunu, Al., **Ștefănescu, L.**, Costan, C., Miclean, M., Modoi, C., Vlad, Ș. N., 2009. Surface Water Pollution Generated by Mining Activities. Case Study: Arieș River Middle Catchment Basin, Romania, *Environmental Engineering and Management Journal* 8(4): 809-815.

#### ISI Proceedings

23. **Ștefănescu L.**, Mărginean S., Ozunu A., Petrescu I., Cordoș E. 2009. Environmental risks associated to the use of cyanide technology for gold extraction in Romania, in *Exposure and Risk Assessment of Chemical Pollution – Contemporary Methodology*, L.I. Simeonov and M. A. Hassanien (Eds.), NATO Science for Peace and Security Series C: Environmental Security, © Springer Science+Business Media B.V., ISBN 978-90-481-2333-9, 345-356.
24. Modoi Oana Cristina, **Ștefănescu Lucrina**, Mărginean Sanda, Arghiuș Corina, Ozunu Alexandru, 2009. Management of Risks Associated with Mining Wastes (Tailings Dams and Waste Heaps), in *Optimisation of Disaster Forecasting and prevention Measures in the Context of Human and Social Dynamics*, I. Apostol, D.L. Barry, W.G. Coldewey, D.W.G. Reimer (Eds.), NATO Science for Peace and Security Series, E: Human and Societal Dynamics – Vol. 52, IOS Press, 130-143.

25. Mara S. Deák S., Deák G., **Ștefănescu L.**, Vlad S.N. 2008. Salt Mining Lake Pits in Romania, a Sustainable Heritage. *Mine Water and the Environment*, Proceedings Page 595-+. Rapantova, N., Hrkal, Z. (Eds.). 10th International-Mine-Water-Association Congress on Mine Water and the Environment, Karlovy Vary, Czech Republic.

#### Book chapters

26. **Ștefănescu L.**, Constantin V., 2017, Resilience of Mining Communities to Long-Term Environmental Stress in the Apuseni Mountains Area (NW of Romania). In A. Ozunu, I. A. Nistor, D. C. Petrescu, P. Burny, & R. M. Petrescu-Mag (Eds.) *Resilient Society. Environment and Human Action Series*. Gembloux, Belgium; Cluj-Napoca, Romania: Les Presses Agronomiques de Gembloux; Bioflux: 199-213.
27. **Ștefănescu L.**, Torok Z., Senzaconi F., Ozunu A., 2013. Quantitative Fire Risk Assessment Procedure at Pesticide Storage Facilities in Romania, In: L.I. Simeonov et al. (eds.), *Environmental Security Assessment and Management of Obsolete Pesticides in Southeast Europe*, NATO Science for Peace and Security Series C: Environmental Security, DOI 10.1007/978-94-007-6461-3\_22, © Springer Science+Business Media Dordrecht 2013, p. 249-256.
28. **Ștefănescu Lucrina**, Mărginean Sanda, Ozunu Alexandru, Petrescu Iustinian, Cordoș Emil, 2008. Legislative aspects in Romania regarding gold extraction technologies using cyanide, *Environmental Policies and Legislation*, Ruxandra Mălina Petrescu-Mag and Philippe Burny (Eds.), in *Les Presses Agronomiques de Gembloux*, Gembloux, Belgium, p. 209-226.
29. Costan Camelia, **Ștefănescu Lucrina**, Modoi Cristina, Mărginean Sanda, Cadar Doris, Proorocu Marian, Ozunu Alexandru, 2006. Pregătirea populației pentru urgențele de mediu, Vol. Implementation of the Kyoto Protocol and the European Union Directives on Emission Trading in Romania, Editori: Marian Proorocu, Alexandru Ozunu, Editura Accent, ISBN (10) 973-8915-25-2, (13)978-973-8915-25-1, p. 45-53.

#### Conference Proceedings

30. **Ștefănescu L.**, Meltzer M., Alexandrescu F., 2022. Efficient risk communication to strengthen the participation of local communities in the achievement of sustainable development goals. A case in the Apuseni Mountains Romania. 22nd International Multidisciplinary Scientific GeoConference SGEM 2022.
31. **Ștefănescu, L.**, Monika, M., Alexandrescu, F., Constantin, V., Pop, A. 2021. Risk perceptions in mining communities and implications for sustainable development. a case study in the Apuseni Mountains, Romania. *International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM* This link is disabled., 2021, 21(5.1), pp. 217–224.
32. **Ștefănescu, L.**, Camelia, B., Andrei, S.R., Monika, M. 2019. Comparative vulnerability analysis in three mining areas of the Apuseni Mountains (Romania). *International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM* This link is disabled., 2019, 19(5.2), pp. 225–232.
33. Ozunu Al., Roman E., **Ștefănescu L.**, 2015. Research of Challenges and Opportunities of Disaster Management Based on High Performance Computing in Romania, *Book of papers, the 8th International Conference “Crisis Management Days”, 14-15 May 2014, Zagreb, Croatia*, pp. 55-63.

34. Meltzer M., Ozunu Al., **Ștefănescu L.**, 2015. Trends of Disaster Risk and Crisis Communication Research in the Era of New Media - a Systematic Review, Book of papers, the 8th International Conference "Crisis Management Days", 14-15 May 2014, Zagreb, Croatia, pp. 915-929.
35. Brisan N., **Ștefănescu L.**, Zaharia B., Tataru D., Costin D., Stefanie H., 2014. Education and awareness regarding earthquakes and their consequences within the Cluj-Napoca SEISMOLAB, Romania, Proceedings EGU General Assembly Conference, Vienna, May 2014, Vol. 16, pp. 9811.
36. Török Z., Roman E., **Ștefănescu Lucrina**, Ozunu A., 2014. The Significance of Natech Risk Assessment in the Context of SEVESO Directives, Proceedings of the 7th International Conference "Crisis Management Days", 22-23 May 2014, Zagreb, Croatia, pp. 1295-1306.
37. Meltzer Monika, **Ștefănescu Lucrina**, 2014. Social Media – A Tool to Improve the Quality of Communication During Crises, Proceedings of the 7th International Conference "Crisis Management Days", 22-23 May 2014, Zagreb, Croatia, pp. 873-885.
38. **Ștefănescu Lucrina**, Modoi Cristina, Miclean Mirela, Cordoș Emil, Petrescu Iustinian, Ozunu Al. 2007. Risks associated to mining industry regarding surface water pollution, 2007, Conferința Internațională a Societății Slovace de Inginerie Chimică, Ediția 34, Tatranske Matliare, Slovacia, 21 – 25 Mai, ISBN 80-227-2409-2, pag. 108, 1-8, Editura: Slovak University of Technology, Bratislava, SK, in Publishing House of STU, Editori: J. Markos, V. Stefuca.
39. Arghiuș Viorel, **Ștefănescu Lucrina**, Ozunu Alexandru, Petrescu Iustinian, Arghiuș C., 2006. Risk phenomena conditioned by the surface and underground water at a salt mine from Romania, Conferința Internațională a Societății Slovace de Inginerie Chimică, Ediția 33, Tatranske Matliare, Slovacia, ISBN 80-227-2409-2, pag. 108, 1-8, Editura: Slovak University of Technology, Bratislava, SK, in Publishing House of STU, Editori: J. Markos, V. Stefuca.

#### BDI

40. **Ștefănescu L.**, Alexandrescu F. 2023. The emergence of a systemic urban edge: The case of slums from a mid-sized Transylvanian city. Urban Matters Journal. <https://urbanmattersjournal.com/the-emergence-of-a-systemic-urban-edge-the-case-of-slums-from-a-mid-sized-transylvanian-city/>
41. Alexandrescu F., Anghel I.M., Stănescu S., **Ștefănescu L.**, Pop A., 2019. Environmental Injustices in European Climate Hotspots, Sociologie Românească, vol. 17, pp. 11-34, <https://doi.org/10.33788/sr.17.1>.
42. Gueorguiev T., Hudackova L., Netek R., Rustja D., **Ștefănescu L.**, Zanuttini G., 2014, Sharing Responsibility for the Protection of the Danube Delta (SHARED –Society, Heritage, Awareness, River, Environment, Danube), DIANET 2014 International School Proceedings, The role of natural heritage for the sustainable development of the Danube Region Gorizia 22nd-31st March 2014, edited by Stefano Brumat and Claudia Macchia 108-125, ISBN 978-88-8303-564-7, E-ISBN 978-88-8303-565-4, EUT Trieste 2014.
43. Kozma Kis E.-E., Deaconu L.-T., Roman E., **Ștefănescu L.**, Meltzer M., Pop C., Ozunu A., 2013. Assessment of population awareness and preparedness level regarding the environmental emergency situations. AES Bioflux 5(2):158-165.

44. **Ștefănescu Lucrina**, Roșu Cristina, Neamțiu Iulia, Gurzău Eugen S., 2011., Sampling of indoor dust for analyses of biological indoor contaminants in five Romanian schools in Alba county, *Studia UBB Ambientum*, LVI, 1, pp. 109-114.
45. Costan C.S., **Ștefănescu L.N.**, Maloș C.V., Ozunu Al., Vlad Ș.N., 2010. Landslide susceptibility in the Arieș Middle Basin – focus on Roșia Montană mining area, *Advances in Environmental Sciences - International Journal of the Bioflux Society*, AES Bioflux 2(1): 81-90.
46. **Ștefănescu, L.**, Ozunu, Al., Vlad, Ș.N. 2010. Mining-induced land use and landscape changes in Roșia Montană metallogenetic field during the last 90 years, *Advances in Environmental Sciences - International Journal of the Bioflux Society*, AES Bioflux 2(1): 1-9.
47. **Ștefănescu L.**, Costan C., Ozunu Al., 2010, Risks Associated to Structural Stability of Tailing Dams in the Aries Middle Basin, *ProEnvironment* 3: 414 – 423.
48. Miclean, M.I., **Ștefănescu, L.N.**, Levei, E.A., Șenilă, M., Mărginean, S.F., Roman, C.M., Cordoș, E.A., (2009), Ingestion induced health risk in surface waters near tailings ponds (North-Western Romania), *AACL, Aquaculture, Aquarium, Conservation and Legislation International Journal of the Bioflux Society*, Cluj-Napoca, Vol. 2, Issue 3/2009, p. 275-283.
49. Petrescu-Mag, R. M., **Ștefănescu, L.**, 2009. The Necessity to Initiate and Develop Common Directions on the Assessment and Management of Flood Risks at European Community Level, *Bulletin Philobiblon of the Central University Library*, Cluj Napoca, ISSN 1224-7448, vol.14, p. 554-562.
50. Ozunu, Al., Petrescu I., **Ștefănescu L.**, Costan C. 2007. Tipuri de programme APELL, *Environment & Progress*, 9/2007, p. 375-380, ISSN 1584-6733, CNCSIS Code, 697/2006, Cluj-Napoca, Editors: Liviu Muntean, Radu Mihaiescu
51. Ozunu Alexandru, Mărginean Sanda, Modoi Cristina, **Ștefănescu Lucrina**, Costan Camelia, Petrescu Iustinian, Cordoș Emil, 2007. Technological risks management in the context of pollution prevention – Case studies, *Studia Ambientum*, 1/2007, ISSN 1843-3855.
52. **Ștefănescu Lucrina**, Mărginean Sanda, Petrescu, I., Ozunu, Al., 2007. APELL for mining, *Environment & Progress* – 9/2007, p. 529 – 535, ISSN 1584-6733, Cod CNCSIS 697/2006, Cluj-Napoca, Editori: Liviu Muntean, Radu Mihaiescu.
53. Ozunu Al., **Ștefănescu Lucrina**, Petrescu Dacia Crina, Costan C. 2006. Strategii de prevenire a dezastrelor tehnologice în Europa de sud-est, *Environment & Progress*, 6/2006, p. 304-308, ISBN 1584-6733, Editura EFES, Editori: C. Cosma, D. Ristoiu, Iovanca Haiduc.