

A N E X A 4 . INume Prenume: **MANEA Sanda**Gradul didactic: **Prof. univ. emerit. dr.ing.**

Instituția unde este titular: -

Facultatea: -

L I S T A**lucrărilor științifice în domeniul disciplinelor din postul didactic****A. Teza de doctorat**

1. "Contribuții la studiul stabilității versanților care prezintă fenomene de cedare progresivă"

B. Cărți și capitole în cărți publicate în ultimii 10 ani

1. S. Manea, E. Olinic editori – A XXV-a Conferința Europeană a tinerilor ingineri geotehnicieni , Sibiu 21-24 iunie 2016, Ed. Conspress, București, 2016, ISBN, ISBN 978-973-100-421-1 442pag. – 442pag
2. A .L. Bugea, S. Manea, 2016 - Caiet de incercari in laborator – în limba franceza, UTCB, 28 pag., 28pag

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. Tatiana Ivasuc, Ernest Olinic, **Sanda Manea**, Barbara Soare 2013 - Studies on the stabilization of expansive soils treated with granular materials - Proceedings of 13th International Multidisciplinary Scientific GeoConference SGEM 2013 (iunie 2013), Albena, Bulgaria – Citat ISI, h-index 3
2. Popa H., Batali L., **Manea S.** 2014 – „Geotechnical design and monitoring of a deep excavation. Comparison between measurements and calculation”, Proceedings of 14th International Multidisciplinary Scientific GeoConference SGEM 2014 (iunie 2014), Albena, Bulgaria – Citat ISI, h-index 3
3. Ernest Olinic, Tatiana Ivasuc **S. Manea** 2014 - Mechanical behavior of destructurated expansive clay - Proceedings of 14th International Multidisciplinary Scientific GeoConference SGEM 2014 (iunie 2014), Albena, Bulgaria – Citat ISI , h-index 3
4. Batali L., Popa H., Pantel G, Butnariuc N, Olinic E, **Manea S** 2014 – Associations Geosynthetics – Mineral materials used for civil engineering works – Revista romana de materiale —factor de impact 0,61
5. Olinic E, Popa H.,Ivasuc T, **Manea S**, Batali L., 2014 –Optimal materials for embankments: mixture of clayey soils with granular material and industrial waste– Revista romana de materiale – factor de impact 0,61

D. Lucrări publicate în ultimii 10 ani în reviste și volume de conferințe cu referenți

(neindexate)

1. **Sanda Manea**, E.Olinic, V. Feodorov (2012). Design of a municipal solid waste landfill on a slope area. Case study Bistrita-Nasaud County landfill. 5th European Geosynthetics Congress, 16-19 septembrie 2012, Valencia.
2. R.Ciortan, **S. Manea**, G. Tsitsas (2011) - Interpretation of Axial Load Tests for Bored Piles Penetrating Soft Rocks A 15a Conferință Europeană de Mecanica Pământurilor și Inginerie Geotehnică, Atena, sept. 2011
3. H. Popa, E. Olinic, **S. Manea**, E. Marchidanu, L. Batali (2011) Permeable retaining wall on a soft rock slope. Case study A 15a Conferință Europeană de Mecanica Pământurilor și Inginerie Geotehnică, Atena, sept. 2011
4. Popa H., **Manea S.**, Batali L., Olteanu A. (2013) “Aspects on designing and monitoring a deep excavation for a highly important structure”, Proceedings of the 18th International Conference on Soil Mechanics and Geotechnical Engineering, September 2-6, 2013, Paris, pp. 2079-2082.
5. C. Burlacu, E. Olinic, **S. Manea**, P.Uta (2013) - Compacted soil columns for foundations on collapsible soils. Laboratory and in-situ experimental study Proceedings of the 18th International Conference on Soil Mechanics and Geotechnical Engineering, September 2-6, 2013, Paris, pp. 2000-2004.
6. Ciortan R, **Manea S**, G. Tsitsas, M. Dumitru (2013) - Tehnologie ecologica privind consolidarea de adancime a terenului de fundare - Lucrările celei de-a VIII-a ediții a Conferinței anuale a ASTR – Brasov
7. Ciortan R, **Manea S**, G. Tsitsas, M. Dumitru (2013)- Compactarea dinamica intensiva o metoda veche de imbunatature a terenului pentru proiecte susutenabile - Lucrările celei de-a VIII-a ediții a Conferinței anuale a ASTR – Brasov
8. **Manea S.**, Olinic, E., Sofrone, D., Ivasuc, T.(2014) - The influence of foundation soil nature on the choice of geosynthetic materials for solid waste landfills. Case studies from Romania. 10th International Conference on Geosynthetics, Berlin, 2014
9. Olinic, E., **Manea, S.**, Ivasuc, T.(2014) - Design of a municipal solid waste landfill in difficult geotechnical conditions: slope area and expansive clays. Case study from Romania. Proc. of 15th Danube-European Conference on Geotechnical Engineering, Vienna, 2014 pg.653 -658
10. M. Stanescu, **S. Manea**, M. Munteanu, E. Oltean (2014) - Geotechnical solutions for landslide instability in quasi horizontal terrains on an auto-route in eastern Romania. Proc. of 15th Danube-European Conference on Geotechnical Engineering, Vienna, 2014, pg.959-964
11. R. Ciortan, **S. Manea**, G. Tsitsas, M. Dumitru (2014) – Cost effective solution for construction adjacent to water front structures. Proc. of 15th Danube-European Conference on Geotechnical Engineering, Vienna, 2014, pg.359-366
12. A. Ungureanu, G. Alexandru, C. Stanciu, **S. Manea** (2014) –Slope stabilization works for motorways that are under constructions in Romania. Proc. of 15th Danube-European Conference on Geotechnical Engineering, Vienna, 2014, pg.553 -558
13. Olinic, E., Ivasuc, T., **Manea, S.** (2015) - Improvement of difficult soils by mixing with mineral materials and inorganic waste. Experimental projects and case studies from Romania, Proceedings of the 16th European Conference on Soil Mechanics and Geotechnical Engineering, Edinburgh, 2015
14. G. Tsitsas, V. Dimitriadi, D. Zekkos, M. Dumitru, R. Ciortan, **S. Manea** (2015) Dynamic compaction of collapsible soils – case study from a motorway project in Romania Proceedings of the 16th European Conference on Soil Mechanics and Geotechnical Engineering, Edinburgh, 2015



15. **S. Manea**, L. Batali, H. Popa, F. Dragolici, E. Neacsu (2015) Development of the engineering barrier and closure system at the Romanian LILW Radioactive Waste National Repository, Baita-Bihor county Proceedings of the 16th European Conference on Soil Mechanics and Geotechnical Engineering, Edinburgh, 2015
16. Coman CM, Manea S, Olinic E. (2017) Landslides hazard analysis based on deterministic models using different scenarios of groundwater and seismic acceleration. Intersection Journal Vol 4, No. 1.
17. Coman CM, Manea S. (2017) Landslides hazard assesment analysis using different approaches. Scentific – Journal Mathematical Modeling Vol 13, No. 2.
18. R. Ciortan, S. Manea, E. Vasilache (2018) –Engineering judgement for deep excavation in urban area – XVI Danube European Conference on Geotechnical Engineering 7-9 June 2018 –paper 123,pag.941 -944 Skopje, R. Macedonia.
19. Olinic E, Manea S, Boti I, Coman CM, Burlacu C, Pantel Gh (2018) – On the elaboration of landslide hazard and risk maps in Romania - XVI Danube European Conference on Geotechnical Engineering 7-9 June 2018 –paper 008, pag.235 -242 Skopje, R. Macedonia.
20. Malancu T, Manea S (2018) – Specific factors of hilly areas of the Getic Subcarpathians of Romania for determination slip hazards - XVI Danube European Conference on Geotechnical Engineering 7-9 June 2018 –paper 027, pag.353 -358, Skopje, R. Macedonia
21. Burlacu C, Olinic E, Manea S (2018) –Reducing the risk of building degradations caused by groundwatwer table lavel variation in an area in Bucharest XVI Danube European Conference on Geotechnical Engineering 7-9 June 2018 –paper 066, pag.597 - 603, Skopje, R. Macedonia
22. Olinic E., Manea S., Olinic T.,Soil-mix compacted cushion for rising ground level and distributing loads on a highly compressible foundation soil, Proceedings of the XVII European Conference on Soil Mechanics and Geotechnical Engineering, Reykjavik, Island (2019)

E. Brevete obținute în întreaga activitate

Data: 23.10.2023

Semnătura: