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Civil Engineering and Environmental Management
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Research interests

Geotechnical engineering, Eco- engineering, ground bio-engineering, sustainable geotechnics, geotechnical BIM, slope stability, erosion control, piling, soil nailing, soil stabilisation, reuse of materials, geothermal energy, foundation design, earthworks, lateral pile design, applied geotechnics, sustainable transport, construction monitoring, construction management.

Employment

Professor

Civil Engineering and Environmental Management
Glasgow Caledonian University
Glasgow, United Kingdom
15 Nov 2012 → present

PhD Supervisor, Director of Studies

Technical University of Madrid
Spain
1 Jan 2014 → 1 Jan 2016

Research output

A case history of co-design and co-deployment of a nature-based solution (NbS) against erosion and slope instability

Mickovski, S. B., Gonzalez-Ollauri, A., Sorolla, A., Loechner, A. & Emmanuel, R., 31 Dec 2024, In: *Ecological Engineering*. 209, 107406.

Bervie Braes at 10 years: critical review of the effectiveness of slope stabilisation measures

Mickovski, S. B., 17 Sept 2024, *Geotechnical Engineering Challenges to Meet Current and Emerging Needs of Society: Proceedings of the XVIII European Conference on Soil Mechanics and Geotechnical Engineering 2024*. Guerra, N., Fernandes, M. M., Ferreira, C., Correia, A. G., Pinto, A. & Sêco e Pinto, P. (eds.). CRC Press, p. 3141-3144 4 p.

The effect of polypropylene fibre content on the mechanical properties of mass-stabilised soils

Kelly, L. C., Mickovski, S. B. & Gonzalez-Ollauri, A., 17 Sept 2024, *Geotechnical Engineering Challenges to Meet Current and Emerging Needs of Society: Proceedings of the XVIII European Conference on Soil Mechanics and Geotechnical Engineering 2024*. Guerra, N., Fernandes, M. M., Ferreira, C., Correia, A. G., Pinto, A. & Sêco e Pinto, P. (eds.). CRC Press, p. 3020-3023 4 p.

Testing the hydrological performance of live pole drains (LPD) for mitigation of slope instability

Berlitz, F., Benschop, E., Mickovski, S. B. & Gonzalez-Ollauri, A., Nov 2024, In: *Ecological Engineering*. 208, 14 p., 107360.

A review of the occurrence and causes for wildfires and their impacts on the geoenvironment

Farid, A., Alam, M. K., Goli, V. S. N. S., Akin, I. D., Akinleye, T., Chen, X., Cheng, Q., Cleall, P., Cuomo, S., Foresta, V., Ge, S., Iervolino, L., Iradukunda, P., Luce, C. H., Koda, E., Mickovski, S. B., O'Kelly, B. C., Paleologos, E. K., Peduto, D. & Ricketts, E. J. & 9 others, Sadegh, M., Sarris, T. S., Singh, D. N., Singh, P., Tang, C.-S., Tardio, G., Vaverikova, M. D., Veneris, M. & Winkler, J., Aug 2024, In: *Fire*. 7, 8, 20 p., 295.

Monitoring the mechanical performance of self-drilling, self-tapping fasteners after installation using impact-type tooling in Modern Methods of Construction (MMC)

Murphy, R., Mickovski, S. B. & Hytiris, N., 30 Jul 2024, (Accepted/In press) *BINDT/61st Annual British Conference on Non-Destructive Testing 2024 proceedings*. BINDT

The use of end-of-line SUDS for residential development

McLeod, M. K. & Mickovski, S. B., 19 Jun 2024, In: *Journal of Sustainability Research*. 6, 2, 24 p., e240031.

Modelled effectiveness of NbS in reducing disaster risk: evidence from the OPERANDUM project

Bowyer, P., Alfieri, S. M., Basu, B., Cremin, E., Debele, S., Kumar, P., Lechner, V., Loupis, M., Menenti, M., Mickovski, S., Gonzalez Ollauri, A., Pfeiffer, J., Pilla, F., Pulvirenti, B., Ruggieri, P., Basu, A. S., Spyrou, C., Unguendoli, S., Zieher, T. & Di Sabatino, S., Jun 2024, In: *Nature-Based Solutions*. 100127.

Context matters: co-creating nature-based solutions in rural living labs

Soini, K., Anderson, C. C., Polderman, A., Teresa, C., Sisay, D., Kumar, P., Manocchi, M., Mickovski, S., Panga, D., Pilla, F., Preuschmann, S., Sahani, J. & Tuomenvirta, H., Oct 2023, In: *Land Use Policy*. 133, 13 p., 106839.

Modelling and monitoring behavior of vegetated slopes in variable weather conditions

Mickovski, S. B., Wallace, M., Papic, J. B. & Simeonovski, I., 4 Aug 2023, *Smart Geotechnics for Smart Societies: Proceedings of the 17th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering (17th ARC, Astana, Kazakhstan, 14-18 August, 2023)*. Zhussupbekov, A., Sarsembayeva, A. & Kaliakin, V. N. (eds.). Taylor and Francis, p. 1876-1880 5 p.

A nature-based solution selection framework: criteria and processes for addressing hydro-meteorological hazards at open-air laboratories across Europe

Gonzalez Ollauri, A., Mickovski, S. B., Anderson, C. C., Debele, S., Emmanuel, R., Kumar, P., Loupis, M., Ommer, J., Pfeiffer, J., Panga, D., Pilla, F., Sannigraha, S., Toth, E., Ukonmaanaho, L. & Zieher, T., 1 Apr 2023, In: *Journal of Environmental Management*. 331, 12 p., 117183.

Scope for sustainable soil stabilisation in SIDS: Mauritius case study

Bhuckory, C. K., Mickovski, S. B. & Dreepaul, R. K., 17 Mar 2023, *2022 7th International Conference on Environment Friendly Energies and Applications (EFEA)*. IEEE

A novel integrated design methodology for nature based solutions and soil and water bioengineering interventions: the Tardio and Mickovski methodology

Tardio Cerillo, G. & Mickovski, S. B., Feb 2023, In: *Sustainability*. 15, 4, 3044.

Application of circular economy in oil and gas produced water treatment

Waly, M. M., Mickovski, S. B. & Thomson, C., Feb 2023, In: *Sustainability*. 15, 3, 2132.

Contribution of vegetation to the shearing resistance of soil

Simeonovski, I., Papic, J. B., Mickovski, S. B. & Pesevski, I., 2023, *Proceedings of the 17th Danube European Conference on Geotechnical Engineering (17DECGE)*. I, L., I, T. & L, B. (eds.). Bucharest, p. 625-630

Impact of implementing constructed wetlands on supporting the sustainable development goals

Waly, M. M., Mickovski, S. B., Thomson, C. & Amadi, K., Nov 2022, In: *Land*. 11, 11, 1963.

Challenges in Agro-Climatic and Ecosystem

Saifullah, M. (Editor), Mickovski, S. B. (Editor) & Tardio, G. (Editor), 5 Oct 2022, *IntechOpen*. 124 p.

Constructed wetland for sustainable and low-cost wastewater treatment: review article

Waly, M. M., Ahmed, T., Abunada, Z., Mickovski, S. B. & Thomson, C., Sept 2022, In: *Land*. 11, 9, 1388.

Steps towards digital-based environmental civil engineering in developing countries

Mickovski, S. B. & Papić, J. B., Jun 2022, *Proceedings of the Fifth Symposium of the Macedonian Association for Geotechnics*. Ćorić, S. & Papić, J. B. (eds.). Macedonian Association for Geotechnics, 6 p.

Production rate of self-drilling soil nails in a coastal slope stabilisation project in Scotland

Mickovski, S. B., 1 May 2022, *Proceedings of 20th International Conference on Soil Mechanics and Geotechnical Engineering*. Rahman, M. M. & Jaksa, M. (eds.). ISSMGE, p. 4273-4278 7 p.

Sustainable environmental geotechnics practices for a green economy

Roque, A. J., Paleologos, E. K., O'Kelly, B. C., Tang, A. M., Reddy, K. R., Vitone, C., Mohamed, A.-M. O., Koda, E., Goli, V. S. N. S., Vieira, C. S., Fei, X., Sollecito, F., Vaverková, M. D., Plötze, M., Petti, R., Podlasek, A., Puzrin, A. M., Cotecchia, F., Osiński, P. & Mohammad, A. & 6 others, Singh, P., El Gamal, M., Farouk, S., Al Nahyan, M. T., Mickovski, S. B. & Singh, D. N., 1 Apr 2022, In: *Environmental Geotechnics*. 9, 2, p. 68-84 17 p.

Assessment of the sustainability performance of eco-engineering measures in the Mediterranean region

Mickovski, S. B., Gonzalez Ollauri, A., Thomson, C., Gallagher, C. & Tardio, G., Apr 2022, In: *Land*. 11, 4, 14 p., 533.

Considerations on the design of shellfish reef against coastal erosion

Mickovski, S. B., Gonzalez-Ollauri, A. & Hennenon, V., 2022, *Proceedings of the 2nd Vietnam Symposium on Advances in Offshore Engineering*. Vu Khoa Huynh, D., Minh Tang, A., Hong Doan, D. & Watson, P. (eds.). Singapore: Springer Nature, p. 222-229 8 p. (Lecture Notes in Civil Engineering; vol. 208).

The 'Rocket Framework': a novel framework to define key performance indicators for nature-based solutions against shallow landslides and erosion

Gonzalez-Ollauri, A., Munro, K., Mickovski, S. B., Thomson, C. S. & Emmanuel, R., 4 Nov 2021, In: *Frontiers in Earth Science*. 9, 20 p., 676059.

Design and temporal issues in Soil Bioengineering structures for the stabilisation of shallow soil movements

Bischetti, G. B., De Cesare, G., Mickovski, S. B., Rauch, H. P., Shwarz, M. & Stangl, R., Nov 2021, In: *Ecological Engineering*. 169, p. 1-14 14 p., 106309.

A small-scale experimental investigation on the benefits of a hybrid pile/footing system on sand

Maadheedi, M. A., Hytiris, N. & Mickovski, S. B., 30 Sept 2021, In: *DFI Journal*. 15, 2

Nature-based solutions efficiency evaluation against natural hazards: modelling methods, advantages and limitations

Kumar, P., Debele, S. E., Sahani, J., Rawat, N., Marti-Cardona, B., Alfieri, S. M., Basu, B., Basu, A. S., Bowyer, P., Charizopoulos, N., Gallotti, G., Jaakko, J., Leo, L. S., Loupis, M., Menenti, M., Mickovski, S. B., Mun, S.-J., Gonzalez-Ollauri, A., Pfeiffer, J. & Pilla, F. & 7 others, Proll, J., Rutzinger, M., Santo, M. A., Sannigrahi, S., Spyrou, C., Tuomenvirta, H. & Zieher, T., 25 Aug 2021, In: *Science of the Total Environment*. 784, p. 147058 27 p., 147058.

Describing the vertical root distribution of alpine plants with simple climate, soil and plant attributes

Gonzalez-Ollauri, A., Hudek, C., Mickovski, S. B., Viglietti, D., Ceretto, N. & Freppaz, M., Aug 2021, In: *Catena*. 203, 27 p., 105305.

Sustainable Geotechnics: Theory, Practice, and Applications

Mickovski, S. B. (Editor), Aug 2021, Basel: MDPI. 112 p.

A simple GIS-based tool for the detection of landslide-prone zones on a coastal slope in Scotland

Gonzalez Ollauri, A. & Mickovski, S. B., Jul 2021, In: *Land*. 10, 7, 15 p., 685.

An overview of monitoring methods for assessing the performance of nature-based solutions against natural hazards

Kumar, P., Debele, S. E., Sahani, J., Rawat, N., Marti-Cardona, B., Alfieri, S. M., Basu, B., Basu, A. S., Bowyer, P., Charizopoulos, N., Jaakko, J., Loupis, M., Menenti, M., Mickovski, S. B., Pfeiffer, J., Pilla, F., Pröll, J., Pulvirenti, B., Rutzinger, M. & Sannigrahi, S. & 4 others, Spyrou, C., Tuomenvirta, H., Vojinovic, Z. & Zieher, T., Jun 2021, In: *Earth Science Reviews*. 217, p. 1-26 26 p., 103603.

Challenges in implementing current track standards into the existing ageing infrastructure

McBay, D. & Mickovski, S. B., 20 May 2021, *Road and Rail Infrastructure VI: Proceedings of 6th International Conference on Road and Rail Infrastructure*. Lakušić, S. (ed.). CETRA, p. 85-92 8 p.

Sustainable geotechnics - theory, practice, and applications

Mickovski, S. B., May 2021, In: Sustainability. 13, 9, p. 1-4 4 p., 5286.

Re-thinking soil bioengineering to address climate change challenges

Mickovski, S. B., Mar 2021, In: Sustainability. 13, 6, 14 p., 3338.

The dynamic behaviour of pile foundations in seismically liquefiable soils: failure mechanisms, analysis, requalification

Rostami, R., Mickovski, S. B., Hytiris, N. & Bhattacharya, S., 18 Dec 2020, *Earthquakes: From Tectonics to Buildings*. Salazar, W. (ed.). IntechOpen, 32 p.

The effect of willow (*Salix sp.*) on soil moisture and matric suction at a slope scale

Gonzalez-Ollauri, A. & Mickovski, S. B., Dec 2020, In: Sustainability. 12, 23, p. 1-19 19 p., 9789.

Landslide risk mapping in an urban area of the city of Natal, Brazil

Bezerra, L., de Freitas Neto, O., Santos, O. & Mickovski, S., Nov 2020, In: Sustainability. 12, 22, p. 1-18 18 p., 9601.

Waste to land (W2L): a novel tool to show and predict the spatial effect of applying biosolids on the environment

Gonzalez-Ollauri, A., Thomson, C. S. & Mickovski, S. B., Nov 2020, In: Agricultural Systems. 185, 11 p., 102934.

Alternative road improvements to enhance the sustainability and resilience of A83 - "Rest and be Thankful" in Scotland

Weir, C. & Mickovski, S. B., 31 Oct 2020, *Proceedings of the 5th World Congress on Civil, Structural, and Environmental Engineering*. International Academy of Science, Engineering and Technology, 8 p.

Issues to be addressed with current BIM adoption prior to the implementation of BIM level 3

Attrill, R. & Mickovski, S. B., 8 Sept 2020, *Proceedings of the 36th Annual ARCOM Conference*. Scott, L. & Neilson, C. J. (eds.). ARCOM, p. 335-345 11 p. (ARCOM 2020 - Association of Researchers in Construction Management, 36th Annual Conference 2020 - Proceedings).

Observations on different post-fire bio-engineering interventions and vegetation response in a *Pinus canariensis* C. Sm. forest

Lovreglio, R., Giadrossich, F., Scotti, R., Murgia, I., Tardio, G., Mickovski, S. & Garcia-Rodriguez, J. L., 24 Aug 2020, In: Annals of Sylvicultural Research. 45, 1, p. 83-91 9 p.

Towards an operationalisation of nature-based solutions for natural hazards

Kumar, P., Debele, S. E., Sahani, J., Aragão, L., Barisani, F., Basu, B., Bucchignani, E., Charizopoulos, N., Di Sabatino, S., Domeneghetti, A., Sorolla Edo, A., Finér, L., Gallotti, G., Juch, S., Leo, L. S., Loupis, M., Mickovski, S. B., Panga, D., Pavlova, I. & Pilla, F. & 11 others, Prats, A. L., Renaud, F. G., Rutzinger, M., Sarkar, A., Shah, M. A. R., Soini, K., Stefanopoulou, M., Toth, E., Ukonmaanaho, L., Vranic, S. & Zieher, T., 20 Aug 2020, In: Science of the Total Environment. 731, 23 p., 138855.

Developing a methodological framework for estimating temporary drainage capacity to inform land requirements for a highway construction project in Scotland

Wallace, M., Meldrum, A., Mickovski, S., McNee, I., Lear, D. & Flint, S., Jul 2020, In: Sustainability. 12, 14, 17 p., 5522.

Information integration in a smart city system—a case study on air pollution removal by green infrastructure through a vehicle smart routing system

Muvuna, J., Boutaleb, T., Mickovski, S. B., Baker, K., Ghoreyshi, S. M., Cools, M. & Selmi, W., Jun 2020, In: Sustainability. 12, 12, 14 p., 5099.

A novel framework to study the effect of tree architectural traits on stemflow yield and its consequences for soil-water dynamics

Gonzalez-Ollauri, A., Stokes, A. & Mickovski, S. B., Mar 2020, In: Journal of Hydrology. 582, 124448.

Calculation of dynamic load factor for reinforced concrete slabs subjected to above ground explosion

Rostami, R., Mickovski, S. B. & Hytiris, N., 25 Feb 2020, In: *Current Trends in Civil & Structural Engineering (CTCSE)* . 5, 2, 13 p.

The effect of vegetation on soil polluted with galligu: phytostabilisation and novel approaches to evaluate soil galligu concentration

Lucherini, A., Gonzalez-Ollauri, A. & Mickovski, S. B., 17 Jan 2020, (E-pub ahead of print) In: *Environmental Geotechnics*. 15 p.

A methodology to model integrated smart city system from the information perspective

Muvuna, J., Boutaleb, T., Baker, K. & Mickovski, S. B., Dec 2019, In: *Smart Cities*. 2, 4, p. 496-511 16 p.

Nature-based solutions for hydro-meteorological hazards: revised concepts, classification schemes and databases

Debele, S. E., Kumar, P., Sahani, J., Marti-Cardona, B., Mickovski, S. B., Leo, L. S., Porcu, F., Bertini, F., Montesi, D., Vojinovic, Z. & Di Sabatino, S., Dec 2019, In: *Environmental Research*. 179, 108799.

An innovative framework for selecting sustainable options to reduce the risk of soil erosion and environmental pollution incidents on road construction sites

Wallace, M., Mickovski, S. B. & Griffin, I., 6 Sept 2019, *Proceedings of the XVII ECSMGE-2019: Geotechnical Engineering Foundation of the Future*. Reykjavik: The Icelandic Geotechnical Society

Practical methodology for the design and management of instability in hard rock tunnels

Mickovski, S. B. & Pirie, G., 6 Sept 2019, *Proceedings of the XVII ECSMGE-2019*. The Icelandic Geotechnical Society

The effect of ground investigations on the civil engineering design for windfarms in Scotland

Ballentyne, D. & Mickovski, S. B., 6 Sept 2019, *Proceedings of the XVII ECSMGE-2019: Geotechnical Engineering foundation of the future*. The Icelandic Geotechnical Society

Incorporating the particularities of soil and water bioengineering works into a design methodology with monitoring feedback loops

Tardio, G., Mickovski, S. B. & Sangalli, P., Aug 2019, *Advances in Engineering Materials, Structures and Systems: Innovations, mechanics and Applications - Proceedings of the 7th International Conference on Structural Engineering, Mechanics and Computation (SEMC 2019)*. Zingoni, A. (ed.). 1 ed. Leiden: CRC Press, p. 2376-2381 6 p.

BIM awareness, knowledge, and implementation within a multi-disciplinary design consultancy in Scotland

Mickovski, S. B. & McKeever, M., 21 Jun 2019, *Proceedings of the CIB World Building Congress 2019*. CIB, p. 1232 8 p. 1240

Seismic risk management of piles in liquefiable soils stabilised with cementation or lattice structures

Rostami, R., Bhattacharya, S., Hytiris, N. & Mickovski, S. B., 13 Jun 2019, In: *Geotechnical Research*. 6, 2, p. 130-143 14 p.

Soil and water bioengineering: practice and research needs for reconciling natural hazard control and ecological restoration

Rey, F., Bifulco, C., Bischetti, G. B., Bourrier, F., De Cesare, G., Florineth, F., Graf, F., Marden, M., Mickovski, S. B., Phillips, C., Peklo, K., Poesen, J., Polster, D., Preti, F., Rauch, H. P., Raymond, P., Sangalli, P., Tardio, G. & Stokes, A., 15 Jan 2019, In: *Science of the Total Environment*. 648, p. 1210-1218 9 p.

L'effet des enquêtes au sol sur la conception du génie civil des parcs éoliennes en Écosse

Ballentyne, D. & Mickovski, S. B., 2019, *XVII European Conference on Soil Mechanics and Geotechnical Engineering: Geotechnical Engineering, foundation of the future: Conference proceedings*. Sigursteinsson, H., Erlingsson, S. & Bessason, B. (eds.). The Icelandic Geotechnical Society, 9 p.

Specialization Process for the Bioengineering Sector in the Mediterranean Environment. Ecomed Project Part 1. Training Modules

García Rodríguez, J. L. (Editor), Sangalli, P. (Editor), Tardío, G. (Editor), Mickovski, S. (Editor), Fernandes, J. P. (Editor) & Giménez, M. C., 2019, Fundación Conde del Valle de Salazar. 568 p.

Specialization Process for the Bioengineering Sector in the Mediterranean Environment. Ecomed Project Part II. Protocols and Case Studies

García Rodríguez, J. L. (Editor), Sangalli, P. (Editor), Tardío, G. (Editor), Mickovski, S. (Editor), Fernandes, J. P. (Editor) & Giménez, M. C. (Editor), 2019, Fundación Conde del Valle de Salazar. 462 p.

The role of geo-environmental factors in landscape and visual assessment for shallow-water offshore structures

Mickovski, B. & Alves, G., 2019, *Proceedings of the 1st Vietnam Symposium on Advances in Offshore Engineering: Energy and Geotechnics*. Springer Nature, p. 81-87 7 p. (Lecture Notes in Civil Engineering; vol. 18).

Glossary on renewable energy and landscape quality: the glossary

Kruse, A. & Mickovski, S. B., Dec 2018, In: *Journal of Landscape Ecology*. 2, p. 7-96

Risk-based framework accounting for the effects of vegetation in geotechnical engineering

Mickovski, B. S., 6 Jun 2018, In: *ce/papers*. 2, 2-3, p. 377-382 6 p.

The use of bamboo in erosion control and slope stabilisation soil bioengineering works

Tardío, G., Mickovski, S., Rauch, H. P., Fernandes, J. P. & Acharya, M. S., 30 May 2018, *Bamboo - Current and Future Prospects: Current and Future Prospects*. Abdul Khalil, H. P. S. (ed.). InTech

The importance of ground investigation findings in the design for overhead line electrification foundations

Mickovski, S. B., 17 May 2018, *Road and Rail Infrastructure IV: CETRA 2018, Proceedings 5th International Conference on Road and Rail Infrastructure*. Lakusic, S. (ed.). University of Zagreb

Test data from pullout experiments on vetiver grass (*Vetiveria zizanioides*) grown in semi-arid climate

Mickovski, S. B. & van Beek, L. P. H., Apr 2018, In: *Data in Brief*. 17, p. 463-468 6 p.

Innovative approach in the stabilisation of coastal slopes

Mickovski, S. B. & Thomson, C. S., Feb 2018, In: *Proceedings of the ICE - Engineering Sustainability*. 171, 1, p. 15-24 10 p.

Renewable energy potential of roadside grass cuttings

Tennent MacIver, R. & Mickovski, S. B., 30 Jan 2018, *WEENTECH Proceedings in Energy*. Agarwal, A. & Singh, R. (eds.). Weentech, Vol. 5. p. 122-128 7 p.

Development of eco-engineering sector specific routines and curricula for the Mediterranean region

Mickovski, S. B., Tardío Cerrillo, G., Sangalli, P., Perez, J., Thomson, C. S. & Gallagher, C., 2018, *Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions*. Springer Nature, p. 937-939 3 p. (Advances in Science, Technology & Innovation).

Environmental effects of implementation of offshore wind turbines close to coastal communities

Alves, G. & Mickovski, S. B., 2018, *Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions*. Kallel, A., Ksibi, M., Dhia, H. B. & Khélifi, N. (eds.). Cham, Switzerland: Springer Nature, Vol. I & II. p. 1713-1715 3 p. (Advances in Science, Technology and Innovation).

Green for Brown (G4B): a novel tool for evaluating phytoextraction in soils polluted by heavy metals

Gonzalez-Ollauri, A. & Mickovski, S. B., 2018, *Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions*. Springer Nature, p. 257-258 2 p. (Advances in Science, Technology & Innovation).

The effect of environmental factors on the development of pine root systems

Mickovski, S. B., 2018, *Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions*. Springer Nature, p. 1193-1195 3 p. (Advances in Science, Technology & Innovation).

Developing a framework for the sustainability assessment of eco-engineering measures

Mickovski, S. B. & Thomson, C. S., Dec 2017, In: *Ecological Engineering*. 109, B, p. 145-160 16 p.

Providing ecosystem services in a challenging environment by dealing with bundles, trade-offs, and synergies

Gonzalez-Ollauri, A. & Mickovski, S. B., Dec 2017, In: *Ecosystem Services*. 28, Part C, p. 261-263 3 p.

Development of an independent hydrology audit methodology to support flood risk assessment in the planning process in Scotland

Meldrum, A. & Mickovski, S. B., Nov 2017, In: *Water and Environment Journal*. 31, 4, p. 559-571 13 p.

Shallow landslides as drivers for slope ecosystem evolution and biophysical diversity

Gonzalez-Ollauri, A. & Mickovski, S. B., Oct 2017, In: *Landslides*. 14, 5, p. 1699-1714 16 p.

Embedding technology to support the development of problem-solving skills in geotechnical design students

Mickovski, S., 30 Sept 2017, *Proceedings of the 19th International Conference on Soil Mechanics and Geotechnical Engineering*. ISSMGE, p. 3339-3342 4 p.

Novel approaches to quantification of the vegetation effects on soil strength

Mickovski, S., Gonzalez Ollauri, A. & Tardio, G., 30 Sept 2017, *Proceedings of the 19th International Conference on Soil Mechanics and Geotechnical Engineering*. ISSMGE, p. 3167-3170 4 p.

Plant-Best: a novel plant selection tool for slope protection

Gonzalez-Ollauri, A. & Mickovski, S. B., Sept 2017, In: *Ecological Engineering*. 106, A, p. 154-173 20 p.

Bamboo structures as a resilient erosion control measure

Tardio, G., Mickovski, S. B., Stokes, A. & Devkota, S., 4 Jul 2017, In: *Proceedings of the ICE - Forensic Engineering*. 170, 2, p. 72-83 12 p.

Hydrological effect of vegetation against rainfall-induced landslides

Gonzalez Ollauri, A. & Mickovski, S. B., Jun 2017, In: *Journal of Hydrology*. 549, p. 374-387 14 p.

BIM za unapreduvanje na gradeznata praktika: integrirano proektiranje i izvedba na gradezni objekti

Mickovski, S., 31 Mar 2017, *PresIng*, p. 29-31 3 p.

Debris flow behaviour and travel distance: Col du Sabot, France

Fannin, R. J., Mickovski, S. B., Stokes, A., Eliadorani, A. A. & McConnell, R., Feb 2017, In: *Environmental Geotechnics*. 4, 1, p. 19-26 8 p.

Systems engineering approach to design and modelling of smart cities

Muvuna, J., Boutaleb, T., Mickovski, S. & Baker, K., 9 Jan 2017, *2016 International Conference for Students on Applied Engineering, ICSAE 2016*. IEEE, p. 437-440 4 p.

Plant-soil reinforcement response under different soil hydrological regimes

Gonzalez-Ollauri, A. & Mickovski, S. B., 1 Jan 2017, In: *Geoderma*. 285, p. 141-150 10 p.

A non-invasive preferential root distribution analysis methodology from a slope stability approach

Tardio, G., Gonzalez-Ollauri, A. & Mickovski, S. B., Dec 2016, In: *Ecological Engineering*. 97, p. 46-57 12 p.

Construction and testing of self-drilled soil nails

Mickovski, S. B., Lindsay, F. M. & Smith, M. J., Dec 2016, In: *Proceedings of the ICE: Geotechnical Engineering*. 169, 6, p. 541-553 13 p., 1500149.

Using the root spread information of pioneer plants to quantify their mitigation potential against shallow landslides and erosion in temperate humid climates

Gonzalez-Ollauri, A. & Mickovski, S. B., Oct 2016, In: *Ecological Engineering*. 95, p. 302-315 14 p.

A comparative study of wind farm potential in shallow-waters in Brazil and Scotland

Alves, G. & Mickovski, S. B., 8 Aug 2016, *Energy Geotechnics - Proceedings of the 1st International Conference on Energy Geotechnics, ICEGT 2016: Proceedings of the 1st International Conference on Energy Geotechnics*. Wuttke, F., Bauer, S. & Sánchez, M. (eds.). London: Taylor and Francis Group, p. 99-104 6 p. (Energy Geotechnics - Proceedings of the 1st International Conference on Energy Geotechnics, ICEGT 2016).

Implementation of eco-engineering design into existing slope stability design practices

Tardio, G. & Mickovski, S. B., Jul 2016, In: *Ecological Engineering*. 92, p. 138-147 10 p.

The implementation of geotechnical data into the BIM process

Tawelian, L. & Mickovski, S., Jul 2016, In: *Procedia Engineering*. 143, p. 734-741 8 p.

A local authority's risk-based approach to principal inspection frequency of structures

McGregor, G. & Mickovski, S., May 2016, *Proceedings of the 4th International Conference on Road and Rail Infrastructure (CETRA 2016): Road and Rail Infrastructure IV*. Lakusic, S. (ed.). University of Zagreb, p. 372-379 8 p. (CETRA).

Why is the future ready for environmental geotechnics?

Mickovski, S. B., Apr 2016, In: *Environmental Geotechnics*. 3, 2, p. 63-64 2 p.

Innovative approach in the stabilisation and erosion protection of coastal slopes in Scotland

Mickovski, S. B. & Thomson, C. S., 2016, *Coastal Management: Changing Coast, Changing Climate, Changing Minds - Proceedings of the International Conference*. Baptiste, A. (ed.). ICE Publishing, p. 587-596 10 p. (Coastal Management: Changing Coast, Changing Climate, Changing Minds - Proceedings of the International Conference).

Enhancing slope stability with vegetation

Hytiris, N., Fraser, M. & Mickovski, S. B., 10 Dec 2015, In: *International Journal of GEOMATE*. 9, 2, p. 1477-1482 6 p.

Coastal slope instability in contrasting geo-environmental conditions

Mickovski, S. B., Santos, O., Durante Ingunza, P. M. D. & Bressani, L., 23 Nov 2015, *Proceedings of the XVI ECSMGE Geotechnical Engineering for Infrastructure and Development*. ICE Publishing, p. 1801-1806

Comparison of settlement calculation methods for the design of a gravity base foundation in deep water

Smith, P., Hytiris, N. & Mickovski, S., 23 Nov 2015, *Proceedings of the XVI ECSMGE Geotechnical Engineering for Infrastructure and Development*. Smith, D. M., Winter, M. G., Toll, D. G., Eldred, P. J. L., Eldred, P. J. L. & Winter, M. G. (eds.). ICE Publishing, p. 1327-1332 7 p. (Geotechnical Engineering for Infrastructure and Development - Proceedings of the XVI European Conference on Soil Mechanics and Geotechnical Engineering, ECSMGE 2015; vol. 3).

Hydrological effect of vegetation against shallow landslides: a technical approach

Gonzalez Ollauri, A. A. & Mickovski, S. B., 23 Nov 2015, *Geotechnical Engineering for Infrastructure and Development: XVI European Conference on Soil Mechanics and Geotechnical Engineering*. Winter, M. G., Smith, D. M., Eldred, P. J. L. & Toll, D. G. (eds.). ICE Publishing, p. 1753-1758 6 p. (Geotechnical Engineering for Infrastructure and Development - Proceedings of the XVI European Conference on Soil Mechanics and Geotechnical Engineering, ECSMGE 2015; vol. 4).

Soil nailing the green way: sustainable stabilisation of a failing slope using innovative soil nail head design to give a fully vegetated green slope finish

Smith, M. J., Black, J. D., Lindsay, F. M. & Mickovski, S. B., 23 Nov 2015, *Proceedings of the XVI ECSMGE Geotechnical Engineering for Infrastructure and Development*. Winter, M. G., Eldred, P. J. L., Eldred, P. J. L., Winter, M. G., Toll, D. G. & Smith, D. M. (eds.). ICE Publishing, p. 1885-1890

Method for synchronisation of soil and root behaviour for assessment of stability of vegetated slopes

Tardio, G. & Mickovski, S. B., Sept 2015, In: *Ecological Engineering*. 82, p. 222-230 9 p.

Resilient design of landslide prevention measures: a case study

Mickovski, S., May 2015, In: *Proceedings of the ICE - Forensic Engineering*. 168, 2, p. 96-106 11 p.

Editorial

Mickovski, S. B., Apr 2015, In: *Environmental Geotechnics*. 2, 2, p. 63-64 2 p.

A comparative study of beach nourishment methods in selected areas of the coasts of the United Kingdom and The Netherlands

Mickovski, S. & Walvin, S., 2015, *Coastal Cities 2015: International Conference on Coastal Cities and Their Sustainable Future*. WIT Press, Vol. 148. p. 85-96 12 p. (WIT Transactions on The Built Environment).

Stability analysis of sea cliffs in the coastal zone of Baía Formosa / Rio Grande do Norte State – Brazil

Santos, O., de Souza Jr, C., Scudelari, A. C., de Freitas Neto, O., Amaro, V. & Mickovski, S., 2015, *From Fundamentals to Applications in Geotechnics: Proceedings of the 15th Pan-American Conference on Soil Mechanics and Geotechnical Engineering*. Manzanal, D. & Sfriso, A. O. (eds.). IOS Press, p. 3003-3010 8 p.

Testing of self-drilled hollow bar soil nails

Lindsay, F., Mickovski, S. & Smith, M., 2015, *Proceedings of the XVI ECSMGE Geotechnical Engineering for Infrastructure and Development Conference*. ICE Publishing, p. 2969-2974 6 p. (Geotechnical Engineering for Infrastructure and Development - Proceedings of the XVI European Conference on Soil Mechanics and Geotechnical Engineering, ECSMGE 2015; vol. 6).

Promoting double loop learning in flood risk management in the Scottish context

Thomson, C., Mickovski, S. & Orr, C., Sept 2014, *Proceedings 30th Annual Association of Researchers in Construction Management Conference, ARCOM 2014*. Raiden, A. & Aboagye-Nimo, E. (eds.). ARCOM, p. 1185-1194 10 p.

Ecological mitigation of hillslope instability: ten key issues facing researchers and practitioners

Stokes, A., Douglas, G. B., Fourcaud, T., Giadrossich, F., Gillies, C., Hubble, T., Kim, J. H., Loades, K. W., Mao, Z., McIvor, I. R., Mickovski, S., Mitchell, S., Osman, N., Phillips, C., Poesen, J., Polster, D., Preti, F., Raymond, P., Rey, F. & Schwarz, M. & 1 others, Walker, L. R., Apr 2014, In: *Plant and Soil*. 377, 1-2, p. 1-23 23 p.

Stabilisation of former trunk road embankment using combined structural and eco-engineering strategies

Mickovski, S. B., Apr 2014, *Proceedings of the 3rd International Conference on Road and Rail Infrastructure – CETRA 2014: Road and Rail Infrastructure III*. Lakusic, S. (ed.). Zagreb: University of Zagreb, p. 559-565 7 p.

Integrated model for the hydro-mechanical effects of vegetation against shallow landslides

Gonzalez-Ollauri, A. & Mickovski, S. B., Mar 2014, In: *EQA*. 13, p. 37-61 25 p.

Enhancing slope stability with vegetation

Hytiris, N., Fraser, M. & Mickovski, S., 2014, *Proceedings of Fourth International Conference: GEOMATE 2014. Geotechnique, Construction Materials and Environment..* Hossain, Z. & Shiau, J. (eds.). Brisbane: The GEOMATE International Society, p. 1477-1482 6 p. (INTERNATIONAL CONFERENCE – GEOMATE; vol. 19, no. 2).

Laboratory study on the potential use of recycled inert construction waste material in the substrate mix for extensive green roofs

Mickovski, S., Buss, K., McKenzie, B. & Sokmener, B., Dec 2013, In: *Ecological Engineering*. 61, Part C, p. 706-714 8 p.

Innovative use of ECC (NEC3) for procurement and management of infrastructure projects with limited funding: Bervie Braes case study

Mickovski, S., Black, J. & Smith, M., 2013, *Proceedings of ARCOM 2013*. p. 799-808 9 p.

Simulation of direct shear tests on rooted and non-rooted soil using finite element analysis

Mickovski, S. B., Stokes, A., van Beek, R., Ghestem, M. & Fourcaud, T., Oct 2011, In: Ecological Engineering. 37, 10, p. 1523-1532 10 p.

Centrifuge modelling of soil slopes reinforced with vegetation

Sonnenberg, R., Bransby, M. F., Hallett, P. D., Bengough, A. G., Mickovski, S. B. & Davies, M. C. R., Dec 2010, In: Canadian Geotechnical Journal. 47, 12, p. 1415-1430 16 p.

Resistance of simple plant root systems to uplift loads

Mickovski, S. B., Bransby, M. F., Bengough, A. G., Davies, M. C. R. & Hallett, P. D., Jan 2010, In: Canadian Geotechnical Journal. 47, 1, p. 78-95 18 p.

Root morphology and effects on soil reinforcement and slope stability of young vetiver (*Vetiveria zizanioides*) plants grown in semi-arid climate

Mickovski, S. B. & Beek, L. P. H. V., Nov 2009, In: Plant and Soil. 324, 1-2, p. 43-56 14 p.

Mechanical reinforcement of soil by willow roots: impacts of root properties and root failure mechanism

Mickovski, S. B., Hallett, P. D., Bransby, M. F., Davies, M. C. R., Sonnenberg, R. & Bengough, A. G., Jul 2009, In: Soil Science Society of America Journal. 73, 4, p. 1276-1285 10 p.

Stabilisation of a soft fill slope by compacted rockfill – an example of good practice

Mickovski, S. B. & Smith, M. J., 2009, *Proceedings of the 17th International Conference on Soil Mechanics and Geotechnical Engineering: The Academia and Practice of Geotechnical Engineering*. Hamza, M., Shahien, M. & El-Mossallamy, Y. (eds.). IOS Press, Vol. 1. p. 1702-1705 4 p.

Root reinforcement in plantations of *Cryptomeria japonica* D. Don: effect of tree age and stand structure on slope stability

Genet, M., Kokutse, N., Stokes, A., Fourcaud, T., Cai, X., Ji, J. & Mickovski, S., Oct 2008, In: Forest Ecology and Management. 256, 8, p. 1517-1526 10 p.

Ecotechnological solutions for unstable slopes: ground bio- and eco-engineering techniques and strategies

Andreu, V., Khuder, H., Mickovski, S., Spanos, I. A., Norris, J. E., Dorren, L., Nicoll, B. C., Achim, A., Rubio, J. L., Junneau, L. & Berger, F., 2008, *Slope Stability and Erosion Control: Ecotechnological Solutions*. Norris, J., Stokes, A., Mickovski, S., Cameraat, E., van Beek, R., Nicoll, B. & Achim, A. (eds.). Springer Nature, p. 211-276

Hazard assessment of vegetated slopes

Norris, J. E., Greenwood, J. R., Achim, A., Gardiner, B. A., Nicoll, B. C., Cameraat, E. & Mickovski, S., 2008, *Slope Stability and Erosion Control: Ecotechnological Solutions*. Norris, J., Stokes, A., Mickovski, S., Cameraat, E., van Beek, R., Nicoll, B. & Achim, A. (eds.). Springer Nature, p. 17-64

Hillslope processes: mass wasting, slope stability and erosion

van Beek, R., Cameraat, E., Andreu, V., Mickovski, S. & Dorren, L., 2008, *Slope Stability and Erosion Control: Ecotechnological Solutions*. Norris, J., Stokes, A., Mickovski, S., Cameraat, E., van Beek, R., Nicoll, B. & Achim, A. (eds.). Springer Nature

How vegetation reinforces soil on slopes

Stokes, A., Norris, J. E., van Beek, R., Bogaard, T., Cameraat, E., Mickovski, S., Jenner, A., Antonino, D. I. & Fourcaud, T., 2008, *Slope Stability and Erosion Control: Ecotechnological Solutions*. Norris, J., Stokes, A., Mickovski, S., Cameraat, E., van Beek, R., Nicoll, B. & Achim, A. (eds.). Springer Nature

Slope Stability and Erosion Control: Ecotechnological Solutions: Ecotechnological solutions

Norris, J. E., Stokes, A., Mickovski, S., Cameraat, E., van Beek, R., Nicoll, B. C. & Achim, A., 2008, Springer Nature. 287 p.

Material stiffness, branching pattern and soil matric potential affect the pullout resistance of model root systems

Mickovski, S. B., Bengough, A. G., Bransby, M. F., Davies, M. C. R., Hallett, P. D. & Sonnenberg, R., Dec 2007, In: European Journal of Soil Science. 58, 6, p. 1471-1481 11 p.

Decision support systems in eco-engineering: the case of the SDSS

Mickovski, S. B. & Beek, L. P. H. V., 1 Mar 2007, *Eco-and Ground Bio-Engineering: The Use of Vegetation to Improve Slope Stability: Proceedings of the First International Conference on Eco-Engineering 13–17 September 2004*. Stokes, A., Spanos, I., Norris, J. E. & Cammeraat, E. (eds.). Springer Nature, Vol. 103. p. 361-367 7 p. (Developments in Plant and Soil Sciences; vol. 103).

Uprooting resistance of vetiver grass (*Vetiveria zizanioides*)

Mickovski, S. B., Beek, L. P. H. V. & Salin, F., 1 Mar 2007, *Eco-and Ground Bio-Engineering: The Use of Vegetation to Improve Slope Stability. Developments in Plant and Soil Sciences*. Dordrecht: Springer Nature, Vol. 103. p. 53-60 8 p. (Developments in Plant and Soil Sciences).

A decision support system for the evaluation of eco-engineering strategies for slope protection

Mickovski, S. B. & Beek, L. P. H. V., Mar 2007, *Eco-and Ground Bio-Engineering: The Use of Vegetation to Improve Slope Stability: Proceedings of the First International Conference on Eco-Engineering*. Stokes, A., Spanos, I. & Norris, J. E. (eds.). Springer Nature, p. 369-378 10 p. (Developments in Plant and Soil Sciences; vol. 103).

The influence of cellulose content on tensile strength in tree roots

Genet, M., Stokes, A., Salin, F., Mickovski, S. B., Fourcaud, T., Dumail, J.-F. & Beek, R. V., Mar 2007, *Eco- and Ground Bio-Engineering: The Use of Vegetation to Improve Slope Stability: Proceedings of the First International Conference on Eco-Engineering*. Stokes, A. & Spanos, I. (eds.). Springer Nature, Vol. 103. p. 3-13 11 p. (Developments in Plant and Soil Sciences).

A decision support system for the evaluation of eco-engineering strategies for slope protection

Mickovski, S. B. & Van Beek, L. P. H., Jun 2006, In: *Geotechnical and Geological Engineering*. 24, 3, p. 483-498 16 p.

Stabilisation of slopes by vegetation reinforcement

Bransby, M. F., Davies, M. C. R., Mickovski, S. B., Sonnenberg, R., Bengough, A. G. & Hallett, P. D., 2006, *Physical Modelling in Geotechnics: 6th ICPMG '06*. London: Taylor and Francis Group, Vol. 1. p. 317-323 7 p. (Physical Modelling in Geotechnics, 6th ICPMG'06 - Proceedings of the 6th International Conference on Physical Modelling in Geotechnics; vol. 1-2).

The effect of roots on soil reinforcement

Mickovski, S. B., Bengough, A. G., Bransby, M. F., Davies, M. C. R., Hallett, P. D. & Sonnenberg, R., 2006, In: *Journal of Biomechanics*. 39, Supplement 1, p. S353 1 p.

The influence of cellulose content on tensile strength in tree roots

Genet, M., Stokes, A., Salin, F., Mickovski, S. B., Fourcaud, T., Dumail, J. F. & Beek, R. V., Dec 2005, In: *Plant and Soil*. 278, 1, p. 1-9 9 p.

Uprooting of vetiver uprooting resistance of vetiver grass (*Vetiveria zizanioides*)

Mickovski, S. B., Beek, L. P. H. V. & Salin, F., Dec 2005, In: *Plant and Soil*. 278, 1, p. 33-41 9 p.

A decision support tool for windthrow hazard assessment and prevention

Mickovski, S. B., Stokes, A. & Beek, L. P. H. V., 12 Sept 2005, In: *Forest Ecology and Management*. 216, 1–3, p. 64-76 13 p.

The effect of different environmental factors on the width of the root/soil interface zone during uprooting

Mickovski, S. B., Bengough, A. G., Hallett, P., Bransby, M. F., Davies, M. C. R. & Sonnenberg, R., 2005, p. S224-S224.

Anchorage and asymmetry in the root system of *Pinus peuce*

Mickovski, S. B. & Ennos, A. R., 1 Nov 2003, In: *Silva Fennica*. 37, 2, p. 161-173 13 p., 498.

The effect of unidirectional stem flexing on shoot and root morphology and architecture in young *Pinus sylvestris* trees

Mickovski, S. B. & Ennos, A. R., Nov 2003, In: *Canadian Journal of Forest Research*. 33, 11, p. 2202-2209 8 p.

Model and whole-plant studies on the anchorage capabilities of bulbs

Mickovski, S. B. & Ennos, A. R., Aug 2003, In: Plant and Soil. 255, 2, p. 641-652 12 p.

A morphological and mechanical study of the root systems of suppressed crown Scots pine *Pinus sylvestris*

Mickovski, S. B. & Ennos, R. A., May 2002, In: Trees - Structure and Function. 16, 4-5, p. 274-280 7 p.

Activities**Re-thinking soil bioengineering to address climate change challenges**

Mickovski, S. (Speaker)

14 Jun 2024

ISSMGE TC 215 - Environmental Geotechnics (External organisation)

Mickovski, S. (Chair)

15 Mar 2024 → ...

Springer Nature (Publisher)

Mickovski, S. (Editorial board member)

20 Jun 2023 → 20 Jun 2028

2nd Mediterranean Geosciences Union (MedGU) Conference

Mickovski, S. (Speaker)

27 Nov 2022 → 30 Nov 2022

Design with vegetation for safe slopes

Mickovski, S. (Speaker)

1 Nov 2022

Design and implementation of nature-based solutions

Mickovski, S. (Speaker)

18 Feb 2022

Design and performance investigation of Sustainable Drainage Systems (SuDS) - live pole drains

Gonzalez Ollauri, A. (Supervisor), Mickovski, S. (Contributor) & Bogaard, T. (Visitor)

Oct 2021 → Oct 2022

Hydrological effect of vegetation against rainfall-induced landslides: case study of Catterline Bay

Gonzalez Ollauri, A. (Speaker) & Mickovski, S. (Speaker)

20 May 2021

CIB W120 webinar - Disaster Risk Reduction Roadmap

Mickovski, S. (Presenter), Chmutina, K. (Organiser), Meding, J. (Organiser), Boshier, L. (Presenter), Brogden, L. (Presenter) & Egbelakin, T. (Presenter)

20 Jan 2021

Design with vegetation for sustainability and resilience against climate change

Mickovski, S. (Speaker)

1 Dec 2020

How Nature Can Help Tackle Civil-Engineering Challenges with Professor Slobodan Mickovski

Mickovski, S. (Visitor)

30 Nov 2020

Design with vegetation for sustainability and resilience against climate change

Mickovski, S. (Speaker)

Nov 2020

Macedonian Association for Geotechnics (External organisation)

Mickovski, B. (Chair)

2020

Sustainability (Journal)

Mickovski, B. (Guest editor)

2020 → ...

7th International Conference on Structural Engineering, Mechanics and Computation

Mickovski, B. (Chair)

4 Sept 2019

7th International Conference on Structural Engineering, Mechanics and Computation

Mickovski, B. (Speaker)

4 Sept 2019

CIB World Building Congress 2019

Mickovski, B. (Chair)

19 Jun 2019

External lecture delivery

Mickovski, B. (Host)

21 Feb 2019 → 28 Feb 2019

Study visit

Mickovski, B. (Host)

Dec 2018 → Mar 2019

Hosting Academic Visitor

Mickovski, B. (Host)

2018

W120 - Disasters and the Built Environment

Mickovski, B. (Member)

2018 → ...

EFIB Committee

Mickovski, B. (Contributor)

6 Sept 2017

International symposium on Soil- and Water-bioengineering in a changing climate

Mickovski, B. (Keynote/plenary speaker)

6 Sept 2017

Erasmus+ Training Exchange

Mickovski, B. (Host)

12 May 2017 → 16 May 2017

Arabian Journal of Geosciences (Journal)

Mickovski, B. (Editor)

2017 → ...

Chair of the Organising and Scientific Committees

Mickovski, B. (Organiser)

2017 → ...

Eco-solutions for slope stabilisation - effect of vegetation on slope stability

Mickovski, B. (Speaker)

2017

Innovative Infrastructure Solutions (Journal)

Mickovski, B. (Editorial board member)

2017 → ...

Procedia Environmental Sciences Engineering and Management (P-ESEM) (Journal)

Mickovski, B. (Guest editor)

2017

Zerosion Award Nomination

Mickovski, B. (Contributor)

2017

Visiting Lecturer

Mickovski, B. (Visitor)

5 Sept 2016 → 11 Sept 2016

Eurocode 8 training

Mickovski, B. (Contributor)

Feb 2016 → Apr 2016

BIM in Geotechnics

Mickovski, B. (Member)

2016

Invited Speaker

Mickovski, B. (Contributor)

2016 → ...

Journal of Environmental Quality (Journal)

Mickovski, B. (Peer reviewer)

2016 → ...

Land Degradation & Development (Journal)

Mickovski, B. (Peer reviewer)

2016 → ...

Materials (Journal)

Mickovski, B. (Peer reviewer)

2016 → ...

Member of Scientific Committee

Mickovski, B. (Member)

2016 → 2020

Peer Review Associate College

Mickovski, B. (Member)
2016 → ...

Peer Review Panel

Mickovski, B. (Member)
2016 → ...

Technical Committee 309: Sustainable Geotechnics

Mickovski, B. (Member)
2016 → ...

Technical Expert Group 3

Mickovski, B. (Member)
2016 → ...

PhD External Examiner

Mickovski, B. (Examiner)
23 Aug 2015

Recruitment

Mickovski, B. (Speaker)
25 Apr 2015 → 29 Apr 2015

Study Visit

Mickovski, B. (Host)
Jan 2015 → Mar 2015

COST TU1401 - Renewable energy and landscape quality (RELY)

Mickovski, B. (Participant)
2015 → 2018

Ecosystem Services (Journal)

Mickovski, B. (Guest editor)
2015 → 2018

Exhibitor

Mickovski, B. (Contributor)
2015

Landscape and Ecological Engineering (Journal)

Mickovski, B. (Peer reviewer)
2015 → ...

Visiting Lecturer

Mickovski, B. (Contributor)
19 Nov 2014 → 21 Nov 2014

Catena (Journal)

Mickovski, B. (Peer reviewer)
2014 → ...

Committee Member

Mickovski, B. (Member)
2014 → ...

COST TU1202

Mickovski, B. (Speaker)
2014 → ...

COST TU1202 Impact of climate change on engineered slopes for infrastructure

Mickovski, B. (Member)
2014 → 2017

Ecological Modelling (Journal)

Mickovski, B. (Peer reviewer)
2014 → ...

Keynote Speech

Mickovski, B. (Speaker)
2014

Keynote Speech

Mickovski, B. (Speaker)
2014

Landscape and Ecological Engineering (Journal)

Mickovski, B. (Peer reviewer)
2014 → ...

Proceedings of ICE: Forensic Engineering (Journal)

Mickovski, B. (Peer reviewer)
2014 → ...

Research project peer review

Mickovski, B. (Member)
2014 → ...

Science of the Total Environment (Journal)

Mickovski, B. (Peer reviewer)
2014 → ...

Visiting Lecturer

Mickovski, B. (Visitor)
2014 → ...

Visiting Lecturer

Mickovski, B. (Visitor)
Sept 2013

American Journal of Botany (Journal)

Mickovski, B. (Peer reviewer)
2013 → ...

ICE Publishing (Publisher)

Mickovski, B. (Editorial board member)
2013 → ...

International Peer Review Panel

Mickovski, B. (Member)
2013 → ...

Journal of Geophysical Research (Journal)

Mickovski, B. (Peer reviewer)
2013 → ...

Proceedings of the ICE: Geotechnical Engineering (Journal)

Mickovski, B. (Peer reviewer)
2013 → ...

Urban Water Journal (Journal)

Mickovski, B. (Peer reviewer)
2013 → ...

Advisor

Mickovski, B. (Advisor)
2012 → ...

International Journal of Forest, Soil and Erosion Research (Journal)

Mickovski, B. (Peer reviewer)
2012 → ...

International Peer Review Panel

Mickovski, B. (Member)
2012 → ...

Journal of Flood Risk Management (Journal)

Mickovski, B. (Peer reviewer)
2012 → ...

Member of Scientific Committee

Mickovski, B. (Member)
2012

Member of Scientific Committee

Mickovski, B. (Reviewer)
2012 → 2016

Tree Physiology (Journal)

Mickovski, B. (Peer reviewer)
2012 → ...

Water Resources Research (Journal)

Mickovski, B. (Peer reviewer)
2012 → ...

Ecological Modelling (Journal)

Mickovski, B. (Peer reviewer)
2011 → ...

American Journal of Botany (Journal)

Mickovski, B. (Peer reviewer)

2010 → ...

Journal of Flood Risk Management (Journal)

Mickovski, B. (Peer reviewer)

2010 → ...

Water Resources Research (Journal)

Mickovski, B. (Peer reviewer)

2010 → ...

Proceedings of the ICE: Geotechnical Engineering (Journal)

Mickovski, B. (Peer reviewer)

2009 → ...

Tree Physiology (Journal)

Mickovski, B. (Peer reviewer)

2009 → ...

Ecological Engineering (Journal)

Mickovski, B. (Peer reviewer)

2008 → ...

Member of Scientific Committee

Mickovski, B. (Member)

2008

Member of Scientific Committee

Mickovski, B. (Member)

2008 → ...

Study Visit

Mickovski, B. (Visitor)

2 Sept 2007 → 25 Sept 2007

European Journal of Soil Science (Journal)

Mickovski, B. (Peer reviewer)

2007 → ...

Ecological Engineering (Journal)

Mickovski, B. (Peer reviewer)

2006 → ...

Trees - Structure and Function (Journal)

Mickovski, B. (Peer reviewer)

2006 → ...

Catena (Journal)

Mickovski, B. (Peer reviewer)

2005 → ...

Keynote Speech

Mickovski, B. (Speaker)

2004

Member of Scientific Committee

Mickovski, B. (Member)
2004

Plant and Soil (Journal)

Mickovski, B. (Peer reviewer)
2004 → ...

Trees - Structure and Function (Journal)

Mickovski, B. (Peer reviewer)
2004 → ...

Forestry (Journal)

Mickovski, B. (Peer reviewer)
2003 → ...

Plant and Soil (Journal)

Mickovski, B. (Peer reviewer)
2003 → ...

Scientific Committee

Mickovski, B. (Member)
2003 → 2004

Projects**Building a community network for nature-based adaptation on Barra and Vatersay**

Lynch, H. (PI), Mickovski, S. (Col) & Gonzalez Ollauri, A. (Col)
Natural Environment Research Council (NERC)

Changes to the agricultural land bank and implications for food security using landspreading of wastes and waste-deprived materials as an example.

Mickovski, S. (PI), Gonzalez Ollauri, A. (Col), Thomson, C. (Col), Redshaw, J. (Col) & Scott, M. (Col)
Engineering and Physical Sciences Research Council
1/09/17 → 30/12/17

Good Practice for Property Flood Risk Assessment: BS 3.3 Flooding & Groundwater

Hare, B. (PI) & Mickovski, S. (Col)
1/01/24 → 31/05/24

Kirkbean Coastal Erosion

Mickovski, S. (PI)
4/08/14 → 26/09/14

ECOMED: Specialisation process for a soil and water bioengineering sector in the Mediterranean environment.

Mickovski, S. (Col), Gallagher, C. (Col), Gonzalez Ollauri, A. (Col), Thomson, C. (Col) & Garcia Rodriguez, J. L. (PI)
European Commission
19/01/17 → 19/01/19

Stonehaven Flood Planning Audit

Meldrum, A. (PI), Mickovski, S. (Col) & Mickovski, S. (Col)
26/04/16 → 30/06/16

To develop an innovative and sustainable drainage framework for environmental protection during major highway construction works.

Mickovski, S. (PI), Meldrum, A. (Col) & Cairnduff, R. (Col)
Jacobs UK, Scottish Government
1/06/17 → 1/06/19

Impacts

Capacity building in digital civil engineering in Macedonia

Mickovski, S. (Participant)

Incorporation of current research in US governmental white papers

Mickovski, S. (Participant)

ISSMGE Technical Committee TC222 proposal

Mickovski, S. (Participant)

Plant-Best: a novel plant selection tool for slope protection

Gonzalez Ollauri, A. (Participant) & Mickovski, S. (Participant)

Reaching out to professional civil engineering community

Mickovski, S. (Participant) & Thomson, C. (Participant)

Waste to land (W2L): a novel tool to show and predict the spatial effect of applying biosolids on the environment

Gonzalez Ollauri, A. (Participant), Mickovski, S. (Participant) & Thomson, C. (Participant)