Name: Biljana Šćepanović E-mail: biljanas@ucg.ac.me

Institution: University of Montenegro, Faculty of Civil Engineering



Biljana Šćepanović, Dr-Ing., educated in the field of civil engineering at the University of Montenegro (Dipl-Ing., 1996; PhD, 2010), University of Belgrade (MSc, 2003) and University of Granada (PhD, 2010; postdoc, 2017), is an associate professor at the University of Montenegro (Faculty of Civil Engineering, Faculty of Architecture, Center for Doctoral Studies). Her studying and work experience have been enriched by numerous research and/or teaching mobilities at European universities and by active participation in different international cooperation programmes (Erasmus+, CEEPUS, COST, CGHS, IPA etc.). The domain of teaching and research work as well as of engineering expertise: metal and timber structures. She published 26 papers in prestigious international journals or monographs and over 80 papers at international conferences. She has been engaged in scientific committees or editorial boards of several international conferences/journals, also taking an active role in reviewing process. Other: participation in national and international scientific projects (over 10) and engineering projects (over 80); engagement in different management roles at the University of Montenegro; expert role, membership in numerous working groups and committees within active cooperation with state administration (ministries in charge of civil engineering and urban planning, science, innovation and education), Institute for standardization and Engineer Chamber.

https://www.ucg.ac.me/radnik/160302-biljana-scepanovic

References (max. 5 relevant references)

- 1. **Šćepanović B.**, Gil-Martín L.M, Hernández-Montes E, Aschheim M, Lučić D: "Ultimate Strength of I-Girders under Eccentric Patch Load: Derivation of a New Strength Reduction Coefficient", Engineering Structures, Vol.31, 2009, p.1403-1413, ISSN 0141-0296
- 2. **Šćepanović B.**, Knežević M., Lučić D.: "Methods for determination of ultimate load of eccentrically patch loaded steel *I-girders*", Informes de la Construcción, Vol. 66, EXTRA 1, m018, 2014, 13pp, ISSN-L: 0020-0883
- 3. Mijušković O., **Šćepanović B.**, Žugić Lj., Ćorić B.: "Analytical approach to elastic stability problems of plates with different boundary conditions subjected to combined bending, shear and patch loading", original research article, Structures, Vol.24, 2020, p.335-350, ISSN: 2352-0124
- 4. Wei Hao, Donglei Rong, Kefu Yi, Qiang Zeng, Zhibo Gao, Wenguang Wu, Chongfeng Wei, and **Biljana Šćepanović**: "Traffic Status Prediction of Arterial Roads Based on the Deep Recurrent Q-Learning", Journal of Advanced Transportation, Vol. 2020, Article ID 8831521, 2020, 17pp, ISSN: 0197-6729 (print), 2042-3195 (online)
- 5. Sekulić G, Ćipranić I, **Šćepanović B**, Ostojić M: "Wastewater treatment and sludge management considerations in Montenegro", In: Rakočević M. and Šćepanović B. (Editors-in-Chief) Monograph RESEARCHES 2020 Special issue of the Journal Istraživanja/Researches, on the occasion of the 40th anniversary of the Faculty of Civil Engineering in Podgorica, University of Montenegro, Podgorica, 2021, p.177-186, ISBN 978-86-7664-198-7