



## LIST OF SCIENTIFIC PUBLICATIONS

1. Abeyrathna, M. P. W. P., Ariyaratna, R. I. S., Halwatura, R. U., Arooz, R., & Kaklauskas, A. (2022). Establishing initial hypothetical PLS-SEM for the challenges to convert existing office buildings to green buildings in Sri Lanka. In *MERCon 2022*. (P1; P14)
2. Antonini, E., Bianchi, M., Favaretto, G. & Pretelli, M. (2020). Il connubio tra saperi differenti nell' ambito del Progetto BECK: tra discipline dell'architettura e scienze economiche. *ArcHistoR*. (P7)
3. Antonini, E., Favaretto, G., Pretelli, M. (2020). Heritage Buildings Towards the Future: Energy, Conservation and Circular Economy for Sustainable Development. *Techne*, Special Series, 2, 117–121. (P7)
4. Antonini, E., Favaretto, G., Pretelli, M. (2022). Conservazione, comportamento energetico ed economia circolare: BECK come possibile strategia di capacity building. *L'Ufficio Tecnico*, 4, 87–93. (P7)
5. Ariyaratna, R. I. S., Prabodani, M. K. M., Abeyrathna, M. P. W. P., Danilina, N., Halwatura R. U., Jayasinghe, G.Y., & Ranasinghe, S. S. (2021). Analysis of the operational energy between adaptive reuse historic buildings and modern buildings in Sri Lanka - Case study. In *IESL Sri Lanka 2021*. (P4; P14)
6. Arooz, F.R., Abeyrathna, M.P.W.P., Gunawardana, A., Jayasingha, R.R., Halwatura, R.U. (2022). Perceptions of civil engineering undergraduates on using learning management system. In *The 14th International Research Conference of the General Sir John Kotelawala Defence*. (P14)
7. Beley V.F., Kharitonov M.S., Nikishin A.Yu., & Gordeeva E. A. (2019). Analysis of Russian education in the field of consumer behaviour relevant to energy efficiency and climate change. In *VII International Baltic Maritime Forum* [Electronic resource]: forum materials. Kaliningrad: Publishing House of BFFSA. (P5)
8. Beley, V.F. (2020). Evaluation of the module "Theory and practice of engineering research" in teaching masters in "Electric power engineering and electrical technology. In *Proceedings of Conference "Current tasks and ways of their solution in the field of staffing of the electric and heat power industry"*. (P5)
9. Beley, V.F., Kharitonov, M.S., Nikishin, A.Yu., & Gordeeva E.A. (2020). Methodological aspects of education in the field of consumer behavior in relation to energy efficiency and climate change. *Izvestia BFFS*. (P5)
10. Beley, V.F., & Parshina, V.F. (2020). Energy management system. Standard ISO 50001. *Grozny Natural Science Bulletin*. (P5)
11. Beley, V.F., Kharitonov, M.S., Nikishin, A.Yu., & Gordeeva E.A. (2022). Development of modules within the framework of the "ERASMUS+" project "Integrating education with consumer behavior relevant to energy efficiency and climate change at the universities of Russia, Sri Lanka and Bangladesh". *Izvestia BFFS*. (P5)
12. Bianchi, M. (2019). Prospettive e opportunità per gli EELL nell'educazione dei cittadini al comportamento virtuoso e dal community building. L'impiego dei MOOCs, Massive Open On Line Courses. *Azienditalia*, WoltersKluwer IPSOA, XXVII, 11, 65–72. (P7)
13. Bianchi, M. (2020). The prevention of risk in cultural heritage through the citizens' education at virtuous behaviour. The use of MOOCs and distance learning. In *Conference Proceedings of "Behind the Buffer Zones. Archaeology at risk and illicit traffic of antiquities"*. University G.d' Annunzio" of Chieti-Pescara, 15-17 May 2019. Archaeopress Publishing, Oxford. (P7)



14. Bianchi, M. (2020). The E-Learning of entrepreneurial skills through Practice Management and MOOCs. Projects, Perceptions and Perspectives. *Impresa Progetto. Electronic Journal of Management*, 2. (P7)
15. Bianchi, M. (2020). Practice enterprise and MOOCs in higher education. Real and perceived performances. In L. Solari, M. Martinez, A.M. Braccini, & A. Lazazzara, A. (Eds.), *Do machines dream of electric workers?. Lecture Notes in Information Systems and Organisation*, vol 49. Springer, Cham. [https://doi.org/10.1007/978-3-030-83321-3\\_11](https://doi.org/10.1007/978-3-030-83321-3_11) (P7)
16. Bianchi, M., & Dinzhanova, G. (2021). The evolutionary role of higher education in sustainable development. *Eurasian Journal of Economic and Business Studies 2020-2021*, 2(60). (P7)
17. Bonora, A., Fabbri, K., Favaretto, G., & Pretelli, M. (2020). The different consistencies of water. Plant equipment and control of the microclimate at Villa Tugendhat in Brno, in G. Biscontin, G. Driussi (eds.), *The effects of water on cultural heritage. Critical assessments and verification procedures* (pp. 513–524). Arcadia Ricerche, Marghera-Venezia. (P7)
18. Bonora, A., Fabbri, K., Favaretto, G., & Pretelli, M. (2022). Avant-garde installations. Mies and Bacon for the plant systems of Villa Tugendhat in Brno, in *Modern Design: Social Commitment & Quality of Life. In Proceedings of the 17th International DOCOMOMO Conference*, Valencia. Docomomo International and Docomomo Spain, Valencia. (P7)
19. Bonora, A., Fabbri, K., Favaretto, G., & Pretelli, M. (2022). Mechanization Takes Command. *Indoor Environmental Control in 20th-Century Historic Buildings, in EEHB 2022. Proceedings of the 4th International Conference on Energy Efficiency in Historic Buildings*. Benediktbeuern 4-5 May 2022, Fraunhofer-Gesellschaft, München. (P7)
20. Cataldo, I., Banaitiene, N., & Banaitis, A. (2021). Developing of sustainable supply chain management indicators in construction. *E3S Web of Conferences*, 263, 05049. <https://doi.org/10.1051/e3sconf/202126305049> (P1)
21. Danilina, N., Navaratne, C., & Priyankara H. A. C. (2019). Comparative analysis of transport services development in the capital cities Moscow and Colombo. *E3S Web of Conferences*, 135, 02021. <https://doi.org/10.1051/e3sconf/201913502021> (P4; P6)
22. Danilina, N., Tsurenkova, K., Berkovich, V. (2021). Evaluating urban green public spaces: The case study of Krasnodar Region cities, Russia. *Sustainability*, 13, 14059. <https://doi.org/10.3390/su132414059> (P4)
23. Danilina, N., Vlasov, D., & Teplova, I. (2019). Social-oriented approach to street public spaces design. *IOP Conference Series: Materials Science and Engineering*, 1030, 012059. <https://iopscience.iop.org/article/10.1088/1757-899X/1030/1/012059> (P4)
24. Danilina, N., & Majorzadehzahiri, A. (2020). Social factors of sustainability for a smart city development. *IOP Conference Series: Materials Science and Engineering*, 869, 022027. <https://iopscience.iop.org/article/10.1088/1757-899X/869/2/022027> (P4)
25. Eicher, M., & Ivanova, Z. (2020). Climate change and eco-anthropocentric approach to architectural and urban planning. *IOP Conference Series: Materials Science and Engineering*, 953, 012055. <https://iopscience.iop.org/article/10.1088/1757-899X/953/1/012055> (P4)
26. Favaretto, G., & Pretelli, M. (2020). Cultural heritage and capacity building for the conservation and the improvement of energy behaviour. *Recupero e Conservazione*, 162, 32–38. (P7)
27. Gunawardana, A., Arooz, F. R., Peramunugamage, A., & Halwatura, R. U. (2020). Critical analysis of lecturer's perception of integrating concepts of sustainability in university curricular. *Integrated Science Education Journal*, 1(3), 109–121. <https://doi.org/10.37251/isej.v1i3.105> (P14)
28. Ivanova, Z. (2020). Eco-anthropocentric approach in urban planning: European and Russian experience. *E3S Web of Conferences*, 157, 03014. *E3S Web of Conferences*, 157, 03014. <https://doi.org/10.1051/e3sconf/202015703014> (P4)



29. Ivanova, Z., & Eichner, M. (2021). Adaptation of cities to climate change (Best practices review). *E3S Web of Conferences*, 244, 06011. <https://doi.org/10.1051/e3sconf/202124406011> (P4)
30. Ivanova, Z., & Eichner, M. (2020). Managing climate change mitigation in cities: a European experience. *Journal of Economy and Entrepreneurship*, 14(5), 300–303. (P4)
31. Ivanova, Z., & Naimaviciene, J. (2021). Climate change and behavior patterns of urban residents. *E3S Web of Conferences*, 263, 05031. <https://doi.org/10.1051/e3sconf/202126305031> (P1; P4)
32. Korobeynikova, A., Danilina, N., & Makisha, N. (2021). Sustainable development of the slope lands of the Russian Arctic: Investigation of the Relationship between slope aspects, wind regime and residential wind comfort. *Land*, 10, 354. <https://doi.org/10.3390/land10040354> (P4)
33. Mazina A.L., Arsenev D. G., Nikonchuk, E. G. (2021). Development of education for sustainable development: the experience of SPbPU. In International Conference “UNESCO Chairs collaboration for strategic planning and sustainable development” (Collection of articles). (P8)
34. Mazina A.L. (2021). International projects for sustainable development. In “Best practices of Internationalisation” (Collection of articles) (P8)
35. Olowa, T. O., Witt, E., & Lill, I. (2019). BIM for Construction Education: Initial Findings from a Literature Review'. In *10th Nordic Conference on Construction Economics and Organization* (Emerald Reach Proceedings Series, Volume 2). (pp.305–313). Emerald Publishing Limited. (P3)
36. Olowa, T., Witt, E., & Lill, I. (2020). Conceptualising Building Information Modelling for construction education. *Journal of Civil Engineering and Management*, 26(6), 551–563. <https://doi.org/10.3846/jcem.2020.12918> (P3)
37. Olowa, T.; Witt, E.; Lill, I. (2021). Evaluating construction education interventions. Advances in intelligent systems and computing: *Proceedings of 23rd International Conference on Interactive Collaborative Learning "Educating Engineers for Future Industrial revolutions"* (pp.138–149). 23–25 September, 2020 Virtual Conference, Tallinn, Estonia. Springer (P3)
38. Priyankara, C., Senevirathne, M., Amaratunga, D., Haigh, R., Navaratne, C., Weerasinghe, N., Dissanayake, A., & Kaklauskas, A. (2021). A capacity building framework to integrate MOOC on climate change education in the higher education institutions of Bangladesh, Russia, and Sri Lanka (pp. 64). In *2nd International Symposium on Disaster Resilience & Sustainability Development*. (P1; P2; P6; P13)
39. Senevirathne, M., Priyankara, H.A.C., Amaratunga, D., Haigh, R., Weerasinghe, N., Nawaratne, C., & Kaklauskas, A. (2021). A capacity needs assessment to integrate MOOC-based climate change education with the higher education institutions in Europe and developing countries in Asia: findings of the focused group survey in PCHEI under the BECK project. *International Journal of Disaster Resilience in the Built Environment*, 12(5), 515–527. <https://doi.org/10.1108/IJDRBE-07-2020-0074> (P1; P2; P6)
40. Senevirathne, M., Amaratunga, D., Haigh, R., Kumer, D., & Kaklauskas, A. (2022). A common framework for MOOC curricular development in climate change education - Findings and adaptations under the BECK project for higher education institutions in Europe and Asia. *Progress in Disaster Science*, 14, 100222. <https://doi.org/10.1016/j.pdisas.2022.100222> (P1; P2; P13)
41. Siddik, Md A., Islam, Md T., Zaman, A. K. M., Hasan, Md M. (2020). Current status and correlation of fossil fuels consumption and greenhouse gas emissions. *International Journal of Energy, Environment and Economics*, 28(2), 103–118. <https://www.proquest.com/openview/5c63d4d2731828e88ae67146cf00bc1f/1?pq-origsite=gscholar&cbl=2034867> (P11)
42. Rudenko, S., Danilina, N., & Hristov, B. (2021). Using a mobile eye-tracking technology to explore pedestrians' gaze distribution on street space. *E3S Web of Conferences*, 263, 05015. <https://doi.org/10.1051/e3sconf/202126305015> (P4)



43. Ullah, K., Lill, I., & Witt, E. (2019). An overview of BIM adoption in the construction industry: Benefits and barriers. In *10th Nordic Conference on Construction Economics and Organization* (Emerald Reach Proceedings Series, Volume 2) (pp. 297–303). Emerald Publishing Limited. **(P3)**
44. Ullah, K., Raitviir, C., Lill, I., & Witt, E. (2020). BIM adoption in the AEC/FM industry - The case for issuing building permits. *International Journal of Strategic Property Management*, 24(6), 400–413. <https://doi.org/10.3846/ijspm.2020.13676> **(P3)**
45. Weerasinghe, K.G.N.H., Jayasinghe, K.G.D.N., & Halwatura, R.U. (2020). Development of edible vertical gardening system and societal impact of vertical gardening through a systematic literature review. In *FITI2020 (From Innovation to impact) The conference, BMICH*. **(P14)**
46. Witt, E., Olowa, T., & Lill, I. (2021). Teaching project risk management in a BIM-enabled learning environment. *Advances in Intelligent Systems and Computing: Proceedings of 23rd International Conference on Interactive Collaborative Learning "Educating Engineers for Future Industrial revolutions"* (pp. 172–183). 23–25 September, 2020 Virtual Conference, Tallinn, Estonia. Springer. **(P3)**
47. Yantsen, O., Gerasimov, V., & Storozhev, A. (2020). Upgrading of industrial wastewater technique by pressure flotation. *IOP Conference Series: Materials Science and Engineering*, 869, 042020. <https://iopscience.iop.org/article/10.1088/1757-899X/869/4/042020> **(P4)**
48. Телешова И.Г., Ульянова М.Е., Эченикэ В.Х. Изменение климата и перспективы мировой страховой отрасли. В: Социально-экономические и правовые проблемы повышения эффективности российской экономики. Межвузовский сборник научных статей. Выпуск 6. Под ред. А.П.Сысоева, М.С.Халикова, А.И.Усова. Москва, 2019, с. 359-371. **(P10)**
49. Эченикэ В.Х. Страхование автомобилей в новых условиях: тенденции и перспективы. В: Социально-экономические и правовые проблемы повышения эффективности российской экономики: Межвузовский сборник научных статей. Выпуск 7. Под ред. А.П. Сысоева, М.С. Халикова. М., 2020, с. 383-394. **(P10)**