



JOINT ACADEMIC PUBLICATIONS

Journal Publications

1. Tupenaite, L., Zilenaite, V., Kanapeckiene, L., Gecys, T., & Geipele, I. (2021). Sustainability assessment of modern high-rise timber buildings. *Sustainability*, 13(16), 8719. <https://doi.org/10.3390/su13168719>
2. Kanapeckiene, L., Tupenaite, L., Jucienė, G., & Geipele, I. (2021). Sustainability assessment of the residential construction projects in Lithuania. *Engineering Structures and Technologies*, 12(2), 53–60. <https://doi.org/10.3846/est.2020.14933>
3. Kauskale, L., Zvirgzdiņš, J., & Geipele, I. (2022). The real estate market and its influencing factors for sustainable real estate development: A case of Latvia. *Baltic Journal of Real Estate Economics and Construction Management*, 10(1), 171–199. <https://doi.org/10.2478/bjreecm-2022-0012>
4. Tupenaite, L., Kanapeckiene, L., Naimaviciene, J., Kaklauskas, A., & Gecys, T. (2023). Timber construction as a solution to climate change: A systematic literature review. *Buildings*, 13(4), 976. <https://doi.org/10.3390/buildings13040976>
5. Vagtholm, R., Matteo, A., Vand, B., & Tupenaite, L. (2023). Evolution and current state of building materials, construction methods, and building regulations in the UK: Implications for sustainable building practices. *Buildings*, 13(6), 1480. <https://doi.org/10.3390/buildings13061480>
6. Kauškale, L., Zvirgzdiņš, J., & Geipele, I. (2023). Sustainability aspects of the construction industry and entrepreneurship: Challenges and opportunities. *European Journal of Sustainable Development*, 12(2), 161–173. ISSN 2239-5938. <https://ecsdev.org/ojs/index.php/ejsd/article/view/1396/1379>

Conference Proceedings

7. Kauškale, L., Afsar, A., & Zvirgzdiņš, J. (2022). Teaching design and construction subjects for sustainable education and development of construction industry. In *Proceedings of 21st International Scientific Conference Engineering for Rural Development* (pp. 300–306), Latvia, Jelgava, 25–27 May, 2022. Jelgava: Latvia University of Life Sciences and Technologies. ISSN 1691-5976. <https://doi.org/10.22616/ERDev.2022.21.TF092>
8. Tavoussi, K., Fadaei, A., & Haurie, L. (2023, June 19–22). HybridTim, design and construction of environmental high performance hybrid engineered timber buildings. In *World Conference on Timber Engineering (WCTE 2023)* (pp. 4583–4589), Oslo, Norway. <https://doi.org/10.52202/069179-0597>
9. Tupenaite, L., Kanapeckiene, L., & Naimaviciene, J. (2024). Development of timber construction in European countries: Drivers, barriers, and education. In J. A. O. Barros, G. Kaklauskas, & E. K.



Zavadskas, E.K. (Eds.), *Modern building materials, structures and techniques. MBMST 2023. Lecture Notes in Civil Engineering* (Vol. 392. pp. 556–565). Springer, Cham. https://doi.org/10.1007/978-3-031-44603-0_57

Book of Abstracts

10. Zvirgzdiņš, J., & Geipele, I. (2021). Changing paradigm in construction industry – Hybrid engineered timber buildings. In *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development (ICEREE'2021): Book of Abstracts* (pp. 8), Latvia, Riga, 30-30 September, 2021. Riga: RTU Press. ISBN 978-9934-22-677-9. https://buni.rtu.lv/wp-content/uploads/sites/68/2021/09/ICEREE-abstracts_2021-sutit-web-.pdf
11. Zariņš, Ģ., Zvirgzdiņš, J., & Geipele, I. (2021). Project based learning as a teaching and learning method in higher education. In *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development (ICEREE'2021): Book of Abstracts* (pp. 11), Latvia, Riga, 30-30 September, 2021. Riga: RTU Press. ISBN 978-9934-22-677-9. https://buni.rtu.lv/wp-content/uploads/sites/68/2021/09/ICEREE-abstracts_2021-sutit-web-.pdf
12. Zariņš, Ģ., Zvirgzdiņš, J., Geipele, I., & Tupenaite, L. (2022). Building management aspects of hybrid engineered timber buildings. In *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts* (pp. 56), Latvia, Rīga, 29-30 September, 2022. Riga: RTU Press. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
13. Zariņš, Ģ., & Zvirgzdiņš, J. (2022). Engineered wooden material production aspects. In *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts* (pp. 54–55), Latvia, Riga, 29-30 September, 2022. Riga: RTU Press. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
14. Zariņš, Ģ., Zvirgzdiņš, J., Geipele, I., & Tupenaite, L. (2022). Building management aspects of hybrid engineered timber buildings. In *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts* (pp. 56), Latvia, Rīga, 29-30 September, 2022. Riga: RTU Press. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
15. Zariņš, Ģ., & Zvirgzdiņš, J. (2022). Sustainable forestry for wooden material production. In *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts* (pp. 57), Latvia, Riga, 29-30 September, 2022. Riga: RTU Press. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf