



Circular Economy in Wooden Construction (WOOD in CIRCLE)

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05. LIST OF ACADEMIC PUBLICATIONS

Journal Publications

1. Tupenaite, L., Zilenaite, V., Kanapeckiene, L., Gecys, T., Geipele, I. Sustainability Assessment of Modern High-Rise Timber Buildings. *Sustainability*, 2021, Vol. 13, No. 16, pp.1-22. Available from: doi:10.3390/su13168719. <https://www.mdpi.com/2071-1050/13/16/8719>
2. Kauskale, L., Zvirgzdiņš, J., Geipele, I. 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*, 2022, Vol. 10, No. 1, pp.171-199. Available from: doi:10.2478/bjreecm-2022-0012. <https://sciendo.com/article/10.2478/bjreecm-2022-0012>
3. Tupenaite, L. Residential construction development in Lithuania. *Baltic Rim Economies*, 2022, No 5. <https://sites.utu.fi/bre/residential-construction-development-in-lithuania/>
4. Nordlund, A., Komsis, J., Launiainen, H. Re-thinking Leadership Training in Construction – Student Centered Pedagogies as a Route to Holistic Leadership Skills. *Laurea Journal* (Accepted for publication).

Publications in Conference Proceedings

5. Blūms, R., Zvirgzdiņš, J., Geipele, I. Sustainable Development Strategy Options in Urban Environment. In: *Proceedings of 21st International Scientific Conference Engineering for Rural Development*, Latvia, Jelgava, 25-27 May, 2022. Jelgava: Latvia University of Life Sciences and Technologies, 2022, pp.560-566. ISSN 1691-5976. Available from: doi:10.22616/ERDev.2022.21.TF188 <https://www.tf.llu.lv/conference/proceedings2022/Papers/TF188.pdf>
6. Blūms, R., Zvirgzdiņš, J., Geipele, I. Development Strategy of Sustainable Urban Environment in Jelgava. In: *Proceedings of 21st International Scientific Conference Engineering for Rural Development*, Latvia, Jelgava, 25-27 May, 2022. Jelgava: Latvia University of Life Sciences and Technologies, 2022, pp.567-576. ISSN 1691-5976. Available from: doi:10.22616/ERDev.2022.21.TF189 <https://www.tf.llu.lv/conference/proceedings2022/Papers/TF189.pdf>
7. Kauškale, L., Afsar, A., Zvirgzdiņš, J. Teaching Design and Construction Subjects for Sustainable Education and Development of Construction Industry. In: *Proceedings of 21st International Scientific Conference Engineering for Rural Development*, Latvia, Jelgava, 25-27 May, 2022. Jelgava: Latvia University of Life Sciences and Technologies, 2022, pp.300-306. ISSN 1691-5976. Available from: doi:10.22616/ERDev.2022.21.TF092. <https://www.tf.llu.lv/conference/proceedings2022/Papers/TF092.pdf>
8. Zariņš, G., Zvirgzdiņš, J., Lapuķe, S. Stakeholder Perspective Analysis: Factors for Sustainable Policy Development. In: *12th Annual International Conference on Industrial Engineering and Operations Management*, Turkey, Istanbul, 7-10 March, 2022. [S.l.]: IEOM Society, 2022, pp.1-8. ISSN 2169-8767. e-ISSN 2169-8767. <https://ieomsociety.org/proceedings/2022istanbul/570.pdf>



Publications in Books of Abstracts

9. Zvirgzdiņš, J., Geipele, I., Tupenaite, L. Circular Economy in Wooden Construction. In: *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development (ICEREE'2021): Book of Abstracts*, Latvia, Riga, 30-30 September, 2021. Riga: RTU Press, 2021, pp.9-9. ISBN 978-9934-22-677-9. https://buni.rtu.lv/wp-content/uploads/sites/68/2021/09/ICEREE-abstracts_2021-sutit-web-.pdf
10. Zvirgzdiņš, J., Geipele, I., Zariņš, Ģ., Ciulla, I. Research-Based Learning – Theoretical Framework, Advantages and Disadvantages. In: *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development (ICEREE'2021): Book of Abstracts*, Latvia, Riga, 30-30 September, 2021. Riga: RTU Press, 2021, pp.10-10. ISBN 978-9934-22-677-9. https://buni.rtu.lv/wp-content/uploads/sites/68/2021/09/ICEREE-abstracts_2021-sutit-web-.pdf
11. Tupenaite, L. Erasmus+ “Wood in Circle” Project: Aims and Achievements. In: *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.43-43. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
12. Tirteu, C., Rohola, K., Tupenaite, L. E-Learning Course “Circular Economy in Wooden Construction”. In: *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.44-44. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
13. Tupenaite, L., Kanapeckiene, L. E-Learning Platform for the Course “Circular Economy in Wooden Construction”. In: *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.45-45. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
14. Naimaviciene, J., Tupenaite, L. Feedback about Erasmus+ “Wood in Circle” Intensive Learning Courses. In: *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.46-46. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
15. Tupenaite, L., Gecys, T. Benefits of Wood as a Sustainable Resource for Construction. In: *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.52-52. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
16. Zariņš, Ģ., Zvirgzdiņš, J., Geipele, I., Tupenaite, L. 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*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.56-56. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
17. Nordlund, A., Komsí, J., Launiainen, H. Co-Creation of a Student-Centered Methodological Framework in Timber Construction. In: *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.47-47. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
18. Ciulla, G., Longo, S., Guarino, F. Energy and Environmental Impact of a Timber House in Different Climate Conditions. In: *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts*, Latvia, Riga, 29-



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19. Ciulla, G., Longo, S., Guarino, F. Life Cycle Assessment of Buildings: Overview of the Methodology and Discussion of a Case-Study. In: *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.53-53. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
 20. Buliņš, J., Zvirgzdiņš, J., Geipele, I. The Added Value of Participation in EU Erasmus+ Innovation Projects. In: *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.49-49. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
 21. Zvirgzdiņš, J., Geipele, I., Lapuķe, S. Circular Economy and Sustainable Development: are These Concepts Headed in the Same Direction? In: *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.50-50. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
 22. Zariņš, Ģ., Zvirgzdiņš, J. 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*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.54-55. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
 23. Zariņš, Ģ., Zvirgzdiņš, J., Geipele, I., Tupenaite, L. 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*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.56-56. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
 24. Zariņš, Ģ., Zvirgzdiņš, J. 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*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.57-57. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
 25. Kundziņa, A., Geipele, I., Zvirgzdiņš, J. Support of the European Union Funds in the Non-Residential Building Sector in Latvia. In: *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.58-59. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf
 26. Komsis, J., Nordlund, A. Urban and Social Regeneration of Mainiemi Mill Area. In: *Scientific Problems of Engineering Economics of Construction and Real Estate Management, Regional and Territorial Development ICEREE'2022: Book of Abstracts*, Latvia, Riga, 29-30 September, 2022. Riga: RTU Press, 2022, pp.51-51. ISSN 2592-9372. https://buni.rtu.lv/wp-content/uploads/sites/68/2022/09/ICEREE-abstracts_2022-web.pdf