

## Projekta Izp-2018/1-0426 rezultāti

### Bioresursu vērtības modelis (BVM)

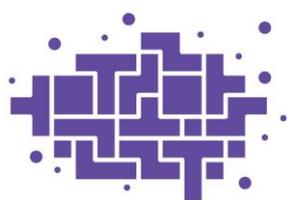
*Oriģināli zinātniskie raksti, kas publicēti zinātniskos žurnālos, rakstu krājumos vai konferenču rakstu krājumos, kuri ir indeksēti datu bāzēs Web of Science Core Collection, SCOPUS vai ERIH PLUS*

1. Zihare, L.; Kubule, A.; Dolge, K.; Muizniece, I.; Blumberga, D. Country level sustainability evaluation of bioeconomy. - 28th European Biomass Conference and Exhibition, e-EUBCE 2020, ETA-Florence Renewable Energies: pp 745-751.  
<http://www.etaflorence.it/proceedings/?detail=17921>
2. Kubule, A.; Indzere, Z.; Muizniece, I. Modelling of the bioeconomy system using interpretive structural modelling. - Agron. Res., 2019, 17 (4), 1665-1678,  
<https://doi.org/10.15159/AR.19.170>
3. Patel, N.; Zihare, L.; Blumberga, D. Evaluation of bioresources validation. - Agron. Res., 2021, 19 (Special Issue 2), 1099-1111, <https://doi.org/10.15159/AR.21.066>
4. Zihare, L.; Muizniece, I.; Blumberga, D. A holistic vision of bioeconomy: The concept of transdisciplinarity nexus towards sustainable development. - Agron. Res., 2019, 17 (5), 2115-2126, <https://doi.org/10.15159/AR.19.183>
5. Indzere, Z.; Melvere, M.; Muizniece, I.; Blumberga, D. The Evaluation of Factors Affecting Bioeconomy Development Using Transdisciplinary Approach. - Environ. Clim. Technol., 2019, 23 (3), 360-369, <https://doi.org/10.2478/rtulect-2019-0101>
6. Laganovska, I.; Feofilovs, M.; Blumberga, D. Forestry Sector Resource Optimization with TIMES. - Environ. Clim. Technol., 2022, 26 (1), 1279-1298, <https://doi.org/10.2478/rtulect-2022-0097>
7. Luksta, I.; Asaris, P.; Feofilovs, M.; Blumberga, D. Bioresource Value Model: Case of Crop Production. - Environ. Clim. Technol., 2022, 26 (1), 1128-1144,  
<https://doi.org/10.2478/rtulect-2022-0085>
8. Muizniece, I.; Kubule, A.; Zihare, L.; Blumberga, D. Difference between bibliometric and grey data. Transdisciplinary bioeconomy research. - Environ. Clim. Technol., 2020, 24 (2), 103-114, <https://doi.org/10.2478/rtulect-2020-0058>
9. Muizniece, I.; Zihare, L.; Blumberga, D. Obtaining the Factors Affecting Bioeconomy. - Environ. Clim. Technol., 2019, 23 (1), 277-291, <https://doi.org/10.2478/rtulect-2019-0018>

10. Muizniece, I.; Zihare, L.; Pubule, J.; Blumberga, D. Circular Economy and Bioeconomy Interaction Development as Future for Rural Regions. Case Study of Aizkraukle Region in Latvia. - Environ. Clim. Technol., 2019, 23 (3), 129-146, <https://doi.org/10.2478/rtuct-2019-0084>
11. Ozola, Z. U.; Vesere, R.; Kalnins, S. N.; Blumberga, D. Paper Waste Recycling. Circular Economy Aspects. - Environ. Clim. Technol., 2019, 23 (3), 260-273, <https://doi.org/10.2478/rtuct-2019-0094>
12. Vamza, I.; Valters, K.; Blumberga, D. Multi-Criteria Analysis of Lignocellulose Substrate Pre-Treatment. - Environ. Clim. Technol., 2020, 24 (3), 483-492, <https://doi.org/10.2478/rtuct-2020-0118>
13. Zihare, L.; Blumberga, D. Bioeconomy investments: Market considerations. - Environ. Clim. Technol., 2020, 24 (2), 79-91, <https://doi.org/10.2478/rtuct-2020-0056>
14. Zihare, L.; Indzere, Z.; Patel, N.; Feofilovs, M.; Blumberga, D. Bioresource Value Model. Case of Fisheries. - Environ. Clim. Technol., 2021, 25 (1), 1179-1192, <https://doi.org/10.2478/rtuct-2021-0089>
15. Zihare, L.; Muizniece, I.; Blumberga, D. New Vision on Invasive Alien Plant Management System. - Environ. Clim. Technol., 2019, 23 (2), 166-186, <https://doi.org/10.2478/rtuct-2019-0062>
16. Patel, N.; Feofilovs, M.; Blumberga, D. Evaluation of bioresource value models: Sustainable development in the agriculture biorefinery sector. - J. Agric. Food. Res., 2022, 10, <https://doi.org/10.1016/j.jafr.2022.100367>
17. Vamza, I.; Kubule, A.; Zihare, L.; Valters, K.; Blumberga, D. Bioresource utilization index – A way to quantify and compare resource efficiency in production. - J. Clean. Prod., 2021, 320, <https://doi.org/10.1016/j.jclepro.2021.128791>
18. Zihare, L.; Kubule, A.; Vamza, I.; Muizniece, I.; Blumberga, D. Bioeconomy triple factor nexus through indicator analysis. - New Biotechnol., 2021, 61, 57-68, <https://doi.org/10.1016/j.nbt.2020.11.008>

*Recenzētas zinātniskās monogrāfijas:*

1. Blumberga, D., Balode, L., Bumbiere, K., Dzalbs, A., Indzere, Z., Kalnbaļķīte, A., Priedniece, V., Pubule, J., Vamža, I., Zlaugotne, B., Žihare, L. Bioresources for Sustainable Development. - RTU Izdevniecība, 2021. 483 p. ISBN 978-9934-22-701-1.



**FLPP**

FUNDAMENTĀLO UN  
LIETIŠĶO PĒTĪJUMU  
PROJEKTI