

## **Dr. Zane VINCEVICA-GAILE**

- *Affiliation #1:*           Leading researcher  
                                  Department of Environmental Science  
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Zane Vincevica-Gaile holds a Doctor's Degree in Chemistry of Environmental Science (acquired in 2014) and a Degree of Pharmacist (acquired in 2002). Since 2012, she works primarily at the University of Latvia. Besides, she serves as a senior scientific expert at Riga Technical University. Zane's professional interests involve environmental, health and sustainability-related interdisciplinary issues, circular economy, life cycle assessment, bioeconomy development, waste management, research of secondary resources and waste valorization, etc. Zane's scientific records on SCOPUS involve 98 documents, and her h-index is 17 (on April 2025).

The projects she has led recently:

- "BioB→BioC: Biobased materials in biocover layers to promote circular economy approach and mitigate environmental impacts of waste" implemented at Brown University (USA)
- "Formula of peat-free soil conditioner with controlled-release fertilizing effect applicable for soil remediation and quality improvement of agricultural production" implemented at the University of Latvia

Other projects she has participated:

- "Towards sustainable land-use strategies in the context of climate change and biodiversity challenges in Europe (Europe-LAND)" (Horizon Europe)
- "Innovation of the waste-to-energy concept for the low-carbon economy: Development of novel carbon capture technology for thermo-chemical processing of municipal solid waste (Carbon Capture and Storage from Waste – CCSW)" (ERDF)
- "Vaccinium berry processing: green technologies and innovative, pharmacologically characterized products for biopharmaceuticals (BerriesPro)" (ERDF)