

PUBLIKATIONEN

J.T.Jeske and C. Gallert (2022), Microbiome Analysis via OTU and ASV-Based Pipelines – A Comparative Interpretation of Ecological Data in WWTP Systems, Bioengineering, 2022, 9, 146, DOI: [10.3390/bioengineering9040146](https://doi.org/10.3390/bioengineering9040146)

J.T. Jeske, C. Gallert (2021) Mechanisms Driving Microbial Community Composition in Anaerobic Co-Digestion of Waste-Activated Sewage Sludge. Bioengineering, 8, 197, DOI: [10.3390/bioengineering8120197](https://doi.org/10.3390/bioengineering8120197)

Jeske, J.T., Müller, R.A., Wendeborg, A. and Bertilsson, S. (2016), Microscale Decoupling of Sediment Oxygen Consumption and Microbial Biomass in an Oligotrophic Lake. *freshw biol*, 61: 1477- 1491. DOI:10.1111/FWB.12787

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Jeske, J. T. (2015). Microbial Adaptations and Controlling Mechanisms of Surface-Associated Microhabitat Heterogeneity in Aquatic Systems (PHD Dissertation). Uppsala. ISBN 978-91-554- 9351-6

PRÄSENTATIONEN

Using a simple balancing tool to estimate operational changes for a transformation to Anaerobic Digestion with Co-Digestion on a large WWTP in China, V. Hilgenfeldt, M. Vergaraa Araya, H. Steinmetz, J. Wiese, T. Jeske, C. Gallert, S. Liesegang; IWA YWP Conference, Delft, Niederlande, 2022

Balancing approach for the potential of Anaerobic Sludge Digestion and Incineration for WWTP, V. Hilgenfeldt, T.C. Dilly, M. Vergara Araya, H. Steinmetz, J. Wiese, T. Jeske, C. Gallert, S. Liesegang, IWA YWP Conference, Delft, Niederlande, 2022

Anaerobic Digestion of Sewage Sludge as One Step in China's Progressive Biogas Goals, April 2021, Online Präsentation, Jeske, J.T., Hilgenfeldt, V. IEEExp. Shanghai

Microbial Habitat Heterogeneity in Water-Sediment Interfaces of High Latitude Lakes, Vortrag, 2015 Aquatic Sciences Meeting, 2015, Granada, Spanien

Microbial life across Environmental Gradients in Sediments of an Oligotrophic Swedish Lake, Poster, EBC Symposium, 2013
Universität Uppsala, Schweden

A Close-up on Bacterial Networking in Aquatic Habitats, Poster, ISME 14, 2012, Kopenhagen Dänemark