



## PROF. DR. JÖRG OEHLMANN

Jörg Oehlmann is Professor of Aquatic Ecotoxicology at Goethe University Frankfurt, Managing Director of the Institute for Ecology, Evolution & Diversity and Academic Director of the Master's program "Environmental Sciences". He is co-speaker of the profile area "Sustainability & Biodiversity" at Goethe University, member of the Federal Commission for the Identification of Relevant Micropollutants at the German Centre for Micropollutants and founding speaker of the Hessen Water Competence Center. His research interests include the effects of micropollutants (e.g., endocrine disruptors, pharmaceuticals, personal care products, pesticides, microplastics) on aquatic ecosystems, toxicity assessment of complex mixtures, and evaluation of chemicals under standard conditions and in multi-stressor experiments.

## MICROPOLLUTANTS AS DRIVERS OF BIODIVERSITY LOSS IN FRESHWATER ECOSYSTEMS – WITH FOCUS ON PESTICIDES

Freshwater makes up just 0.8% of the Earth's surface, but freshwater ecosystems are home to 6% of all described species. Because freshwater ecosystems must serve conflicting and diverse uses, they are affected by multiple stressors and have experienced far greater declines in biodiversity than most terrestrial ecosystems. The keynote addresses the contribution of chemical pollution as an underestimated and often neglected driver of biodiversity loss using the example of micropollutants, including pesticides.