

# ECORISK2050: Emission, fate, effects and risks of chemicals in aquatic ecosystems under global change



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The Innovative Training Network ECORISK2050 is a training platform for the assessment of chemical risks in 2050 under the influence by global climate change and urbanization. This interdisciplinary consortium consists of **13 PhD students**, and 8 universities and research institutes, supported by 14 industry and regulatory governmental partners.

## Modelling Exposure to Pharmaceuticals and Pesticides



### 4. Chemical fate and uptake

Taylor Lane — University of York, UK



### 5. Wastewater reuse exposure

Anju Ayillyath — Hebrew University of Jerusalem, Israel



### 6. Modelling aquatic exposure in rivers

John Hader — Stockholm University, Sweden

## Assessing Risks and Planning Mitigation



### 11. Forecasting agricultural risk

Sophie Mentzel — Norwegian Institute for Water Research, Norway



### 12. Predicting pharmaceutical risk

Samuel Welch — Norwegian Institute for Water Research, Norway



### 13. Developing mitigation strategies

Joanke van Dijk — Utrecht University, The Netherlands



## Predicting Scenarios of Global Change



### 1. Climate scenarios in Europe

Poornima Nagesh — Utrecht University, The Netherlands



### 2. Urban chemical emission scenarios

Alizée Desrousseaux — University of York, UK



### 3. Agricultural chemical emissions

Rudrani Gajraj — University of Natural Resources and Life Sciences, Vienna, Austria

## Measuring and Modelling Ecotoxicological Effects



### 7. CO<sub>2</sub>, temperature and community effects

Markus Hermann — Wageningen University and Research, The Netherlands



### 8. Community composition and vulnerability

Francesco Polazzo — IMDEA Water Institute, Spain



### 9. Mixture toxicity and microbe communities

Sabrina Roth — Stockholm University, Sweden



### 10. Global change, chemicals & communities

Annika Mangold-Döring — Wageningen University and Research, The Netherlands

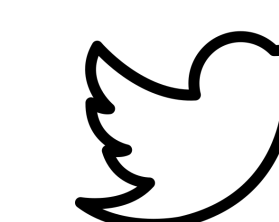
## Beneficiaries:



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