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

Beneficiaries:

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. CO₂, 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

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