

Poster Number

19

Topic	Effect assessment
Title	Assess Ecological Risks of Toxicants with the UP-DOWN Risk Assessment Approach
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Keywords: Risk Assessment, prospective extrapolation, retrospective field monitoring

Summary: Retrospective risk assessment identifies relevant traits and processes in ecosystems related to toxicant vulnerability in a top down approach.

- Prospective risk assessment applies these building blocks to predict ecosystem effects of toxicants in a bottom up approach.
- Starting from ecosystem effects enables to identify field relevant processes; Effect predictions can be validated with ecosystem effects.