

Community and ecosystem ecotoxicology

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Wednesday 14th May 2014, 08:10 – 16:00, room: Osaka/Samarkand

The goal of risk assessment includes the protection of ecological communities from chemical effects. However, information on the sensitivity of communities in real-world ecosystems is scarce. We want the proposed session to give an overview of the various (experimental and modelling) approaches to quantify stress on communities, food webs or ecological interactions, as well as to identify the role of the environmental context. We welcome methodological papers as well as case studies where such approaches are used to quantify community responses to stress, with a special attention for the influence of interspecific interactions on chemical effects. The timing of the community response may range from the very onset (early warning signal detection) to patterns of community recovery upon stressor removal.

SESSION TYPE: Platform and Poster