



## Soil Pollution and Monitoring

Session Chairs: Daniel Wächter and Thomas Bucheli

Soil pollution is recognized as one of the major soil threats in Europe and worldwide. It is caused by a wide array of mostly anthropogenic activities, takes place from point or diffuse emission sources, and encompass very diverse and numerous chemicals. Resulting exposure concentrations in soils cover several orders of magnitudes, which may or may not exceed thresholds at which soil functions or agricultural product quality are impaired. Monitoring campaigns to assess soil pollution or contamination need to account for this diversity, e.g., by an adequate sampling design, chemical analytical methodology, and determination of ancillary parameters for process-oriented data interpretation, including assessments of soil functions.

In this session, we welcome contributions that address one or several of the above outlined aspects of soil pollution and monitoring. Priority will be given to presentations that deal with emerging pollutants (e.g. modern pesticides), metabolites, bioavailable concentrations, and elucidation of chemical exposure and soil function relationships.