**Session Proposal**

# Session Title

Enhanced In Situ Bioremediation for Contaminated Sites

# Session Organizers

Chunling Luo, Guangzhou Institute of Geochemistry, Chinese Academy of Sciences, clluo@gig.ac.cn, primary contact person

Timothy M. Vogel, Université de Lyon, timothy.vogel@univ-lyon1.fr

# Session Description

The symposium will provide a scope for critical discussion about soil contamination remediation using enhanced in situ biotechnology. All practical solutions for managing traditional persistent organic pollutants (POPs), emergency pollutants, heavy metals *in situ* will be shared extensively between experts and those interested in this field. Phytoremediation, microbial remediation and other enhanced biotechnology are welcome. The various coupled remediation systems integrating biotechnologies with other technologies, emphasizing both remediation efficiency and ecological as well as economic sustainability will be shared. Scientists are encouraged to bring new perspectives and technologies to the discussion, with the hope that the exchange of ideas will spark innovative breakthroughs during the symposium. The symposium will also provide a networking opportunity for domestic/early-career soil scientists as well as established international soil scientists.

# Relevance

This session is highly relevant to the congress’s theme of soil biology and microbiology, soil degradation control, remediation and reclamation, as it focuses on the soil contamination remediation using enhanced in situ biotechnology.

# Format

Oral presentations, panel discussions, workshops

# Proposed Speakers