

The EGU2017 will be on 23-28 April in Vienna!

Deadline of Abstract Submission: 11/01/17

<http://meetingorganizer.copernicus.org/EGU2017/sessionprogramme>

Dear friends and colleagues,

Ellen Kandeler, Mary Stromberger and Christian Poll want to draw your attention to SSS4.10

The Role of Soil Enzymes in Biogeochemical Cycling of Terrestrial Ecosystems

The objective of this symposium is to feature cutting-edge research on enzymes, with a focus on enzyme production, expression, and activity in terrestrial systems. This symposium will discuss the possibilities to determine, visualize and model soil enzymes at different levels of resolution. At the molecular level we want to stimulate contributions linking the composition and abundance of different groups of microorganisms with the expression of specific enzymes. At larger scales we are interested to understand better functional hotspots in soils that are defined as specific microhabitats (micro-aggregates, organo-mineral complexes, subsoil compartments) characterized by high enzymatic activities. Papers describing the effects how temporal and spatial patterns are affected by larger scale drivers (e.g. plants, soil fauna, soil management etc.) are also of interest. This symposium will profit from interdisciplinary approaches applying classical methods in soil enzymology as well as new techniques like metagenomics, transcriptomics and proteomics.

We would like to extend a warm invitation to you to participate in this exciting session. The EGU2017 is expected to have a very large and diverse audience and it will give you the opportunity to reach a global audience. Please feel free to forward this information to any of your colleagues/websites who are interested in soil enzymology. We look forward to meeting you at the EGU2017 in Vienna!

Sincerely,

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