

European soil biodiversity forecast toward resilient agroecosystems in response to climate change (INDICATORS2/SE4)

Conveners

- Stefano Mocali (CREA-AA)
- Jack Faber (WR)

Programme outline (tentative)

Opening with presentation of the call text and organization of session by conveners	5'
1-3 keynote speakers (to be confirmed)	30'
Questions and up to 5 short presentations (2' each) to present what Partners can bring, structured by the following key aspects in the call text: speakers to be decided <ul style="list-style-type: none"> ○ Concepts and results from previous projects and LTERs ○ Identification of relevant indicators sensitive to climate change and climate management ○ Reference values and chronosequences related to climate conditions, PCR/DNA technol ○ Models for mapping soil biodiversity and related functions; Regionalised maps of soil biodiversity (taxa and associated functions) 	20'
Discussion: round table (max 12 participants) or inventory of participating Partners and their interest to participate project proposal	30'
Conclusions and wrapping up	5'

Description

The status of soil biodiversity in Europe has been poorly assessed so far. Therefore, both scientific research and policy instruments are urgently needed. More specifically, the development/selection of relevant taxonomical and functional indicators and target values for healthy soils at European scale are expected, thus providing regionalized maps of biodiversity dynamics in agricultural soils as a result from both climate and soil management conditions.

The session aims to discuss and clarify the draft call text, and to identify interested Partners and the expertise, data and facilities they could contribute to a future project. Depending on the number of participants and technical facilities provided, the conveners will either engage in a round table discussion (max 12 persons, 1 per partner if need be), or otherwise facilitate an inventory of ideas, expertise and facilities amongst the interested Partners (e.g. by Mentimeter). Aim of this session is collecting the experiences and ideas from active groups on these items, with a special focus on the above mentioned topics.

Instructions for participants

Please register your participation at your earliest convenience but no later than March 21st, so that the conveners can optimize your inputs in view of the number of participants. In case of limited participation we can allow you to present by PowerPoint (1-2 slides to address the above mentioned aspects relevant for the call, max 2'). If the number of submissions exceeds the capacity of presentation slots (up to 5), a selection will be based on the maturity of the experience with respect to the above mentioned topics of the call including, soil bioindicators, mapping and modelling approach. All submissions will get the opportunity to prepare their slides which will be distributed among the participants before the EJP soil science days to enable comprehensive discussions.

As for the presentation, submit a one page abstract on earlier research/experience about the topic of the session, considering the proposed themes. The abstract should not exceed 400 words, and must include the title, authors, affiliations, and 2- 5 key sentences as starting points of discussion. Deadline for abstract submission is March 21st.