**Session Proposal**

# Session Title

Soil evaluation and land use planning for sustaining productivity

# Session Organizers

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# Session Description

Soil evaluation is an essential component of land use planning, with its role varying depending on the context. It assesses the current performance of the land while considering the economic viability of proposed enterprises. This evaluation aids in selecting the most suitable land use options, focusing on sustainable production, social impacts, and environmental sustainability. The interactions will facilitates the identification of region-specific methodologies for sustainable land use planning, ensuring food security and environmental safety.

1. Format

Oral presentations followed by interaction/discussion

1. Proposed Speakers
   * + 1. Dr David Rossiter, Adjunct Professor, School of Integrated Plant Science, Soil and Crop Sciences, Cornell University, USA. Also guest researcher at ISRIC: Email: [david.rossiter@isric.org](mailto:david.rossiter@isric.org);

* World soil information, soil geography, land evaluation, and spatial analysis
  + - 1. Dr. C A van Diepen, Wageningen University & Research, N K   
         The Netherlands​
* His expertise lies in crop growth modeling, land evaluation, and agro-ecological assessments.
  + - 1. Dr. K.Karthikeyan, Principal Scientist, ICAR-National Bureau of Soil Survey and Land Use Planning, Nagpur- 440 033, India; Email : [mailtokarthik77@gmail.com](mailto:mailtokarthik77@gmail.com)
* Soil Survey and Mapping; Pedo-edaphological approach in Tropical soils for sustainable soil management.
  + - 1. Dr. Ramamurthy, Principal Scientist and Head Regional Center, Bangalore, ICAR-National Bureau of Soil Survey and Land Use Planning, Bangalore, India Email: [ramamurthy20464@gmail.com](mailto:ramamurthy20464@gmail.com)
* Land evaluation and land use planning at different levels, identification of potential crop zones for sustainable agriculture development.