

Call for abstracts: Recent and planned studies based on ISIMIP future projections

Rationale:

The Inter-Sectoral Impact Model Intercomparison Project phase 2b (ISIMIP2b) has produced a new set of comprehensive, temporally and spatially explicit, projections of future impacts. These simulations provide the basis for interdisciplinary studies combining insights from earth system modeling for understanding weather-related hazards and the modelling of bio-physical impacts (such as river floods, wildfires, crop failure) with knowledge on the risk drivers exposure and vulnerability of society and ecosystems (e.g., population patterns, infrastructure design, management practices) to gain a process-based understanding of the bio-physical and socio-economic implications of climate change. The upcoming ISIMIP3b simulations, based on CMIP6 climate model forcing, will further enhance the database.

The aim of this session is to present

- 1) existing studies using ISIMIP2b future projections in an advanced state of analysis, i.e. that are either already published or (close to being) submitted for publication in a scientific journal.
- 2) planned studies using ISIMIP2b future projections that are in an advanced conceptual state or for which already first analyses have been carried out; or ideas for studies using upcoming ISIMIP3b simulations.

Format:

The first part of the session, focusing on existing studies, will follow a traditional “presentation plus plenary discussion” scheme. The format of the second part will depend on the number and nature of submissions: It may be similar to the first part; or it may kick-off with shorter presentations of the specific paper ideas which will then be followed by parallel, targeted discussions in smaller groups. Both sectoral and cross-sectoral studies and paper ideas are welcome, though cross-sectoral may be prioritized for oral presentation.

Submitting Abstracts:

Abstracts addressing the first part of the session should clearly lay out the main results as well as the wider implications of the studies. Abstracts for the second type of presentation should clearly outline the design of the planned study including underlying the analysis concept, the simulations to be used as well as the variables to be analysed; and they should indicate approximate presentation time required (max. 12 minutes).

Please submit your abstract via email to felix.john@pik-potsdam.de by 22 March, 2019.