



Announcement

Integrated Earth System Research Conference 2022

From Vision to Implementation

8th to 9th November 2022

Telegraphenberg, Potsdam, Germany

This first ever conference on 'Integrated Earth System Research' is dedicated to scientific advances towards a coherent understanding of the increasing human impacts on the Earth system, their societal consequences, and respective governance challenges. It brings together researchers from the natural, engineering and social sciences as well as the humanities for targeted dialogue and to intensify research collaboration.

Integrated Earth system research puts particular emphasis on:

- Approaches reaching across spatial and temporal scales and societal levels involving both the biophysical Earth system and the societal world with their dynamic interdependencies,
- Research-based reasoning of evaluation references such as planetary boundaries and planetary justice, and means of their societal negotiation, implementation and monitoring,
- Transformative approaches covering interrelated Earth system and societal world knowledge, research-based target knowledge and sustainability transformation knowledge.

The conference responds to observations and projections clearly depicting that securing a habitable Earth critically depends on societal decisions and actions in the near future. The unique coordination and transformation tasks require integrated scientific support for society towards a more sustainable Anthropocene.

Conference themes

Theoretical basis and new methods and models of Integrated Earth System Research; Oceans and their use in the Earth system; Water cycle and inland waters in the Earth system; Biodiversity in the Earth system; Bioeconomy in the Earth system; Urban-rural interlinkages in the Earth system; Conflicts, crises and security related to the Earth system; Data and tools for Integrated Earth System Research.

Participation

The event will be held in presence. Participation is open to all interested colleagues. There will be the opportunity for an online access. The talks are invited. Moderated dialogues facilitate contributions from all participants. Poster submissions are welcome. The conference language is English.

Registration

Participation requires registration. The registration fee is 150 EUR (independent of participation in presence or online). Registration will open late September.

Further information

The event is organised by the Leibniz Research Network 'Integrated Earth System Research'. Please apply for future updates by sending your name and Email address to: lrn-iesr@ioer.de