



## **IMPACTS WORLD 2013: Invitation to modelling agenda side-event (the future of ISI-MIP)**

Dear Impact Modeller,

We would like to invite you to participate in the ISI-MIP side event of the IMPACTS WORLD 2013 conference (27-30 May, Potsdam, Germany) dedicated to designing an international, community-driven impact modelling intercomparison that spans sectors and scales.

This process extends the first Inter-Sectoral Impact Model Intercomparison Project (ISI-MIP, [www.isi-mip.org](http://www.isi-mip.org)) started at the end of 2011. The initiative aims to synthesize our current knowledge of climate change impacts at different levels of global warming. To this end ISI-MIP seeks to provide a consistent set of cross-sectoral and cross-scale climate and socio-economic input data and scenarios that can easily be used by global and regional impact modelers for international impact model intercomparisons.

The first phase of the project was a Fast Track intercomparison dedicated to the provision of state-of-the-art global projections of future climate change for the upcoming IPCC WG2 report, involving over 30 global modelling teams from five sectors (water, biomes, agriculture, health and coastal infrastructure).

Following this highly successful fast track phase, it is now time to initiate the second phase of the project, which aims to pursue a more extensive research agenda, bringing together regional and global models, in order to establish a benchmark for quantitative climate change impact assessment across scales and sectors. The integration of regional models is key to achieving this goal.

During the side event both regional and global impact modellers will draw on the outcomes of the conference to develop a shared plan for the overarching framework of the next round of model intercomparisons outlined below, planned to take place over the next 3 years.

The event will comprise **two sessions**, one in the morning of the first conference day (**May 27**) and one in the afternoon of the last day (**May 30**):

### **1. Discussion and decisions on the framework:**

- Choice of first key research questions to be addressed on both global and regional scales via a common scenario set-up (e.g. adaptation, extreme events, validation, process representation in models, cascading impacts across sectors).
- Selection of geographical focus regions that best allow for an integration of regional and global impact assessments (e.g. certain river basins, continents, cities etc.).
- Inclusion of sectors not yet covered in the global ISI-MIP Fast Track process (e.g. tourism, infrastructure, forestry).



## 2. Decisions on concrete next steps

- Who will lead the research packages?
- Funding opportunities, time frame etc.

We are very much looking forward to working together with you on designing this first cross-scale and cross-sectoral intercomparison exercise. If you accept our invitation, it would be great if you would send us some information about your model requirements and your opinion on the three key overarching questions mentioned above, to help kick-start this process. A short questionnaire for this purpose is available electronically upon registration for the side event.

Registration for the side event can be completed via the ISI-MIP website [www.isi-mip.org](http://www.isi-mip.org) and will be open **until 15 April, 2013**.

In case you are interested in the process but are unable to attend the ISI-MIP side event you can also send us your response to the questionnaire (below) via email **no later than 15 May, 2013**.

We strongly encourage you to join us in this exciting and important process. Please help us in spreading the word amongst your colleagues.

Please note that the registration for the IMPACTS WORLD 2013 (<http://www.climate-impacts-2013.org>) is a separate procedure. As the formal application process (based on abstract selections) has already been closed and the total number of participants is limited to 350 people, we cannot, at the moment, guarantee your conference participation. However, we are confident that we will be able to open the conference registration to participants of the ISI-MIP side event shortly. If you would like to attend the conference please pre-register by contacting [isi-mip@pik-potsdam.de](mailto:isi-mip@pik-potsdam.de) with a short statement why you would like to attend

In case of further questions please contact us via [isi-mip@pik-potsdam.de](mailto:isi-mip@pik-potsdam.de).

Kind regards,

The ISI-MIP coordination team

Katja Frieler, Veronika Huber, Franziska Piontek, Jacob Schewe, Olivia Serdeczny, and Lila Warszawki



My model (please provide the name, a couple of relevant citations and/or a website):

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My model covers the following sector(s) (e.g. water and agriculture, or health etc.):

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My models operates at the following scale (e.g. river basins, cities, continents etc.):

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I consider the following focus region as most relevant to be included in the first round of ISI-MIP:

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I consider the following focus topic to be most relevant for the first round of ISI-MIP (e.g. accounting for extreme events, quantification of the effects of different adaptation options etc.):

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