



ISIMIP & ISIpedia - Inter-sectoral impact modeling and communication of national impact assessments

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WORLDWIDE COORDINATED CLIMATE IMPACTS SIMULATIONS (www.isimip.org)





more than 130 harmonized global- and regional climate model simulations data sets, to quantify cross-sectoral climate impacts under different levels of global warming relative to preindustrial conditions. Data is openly accessible.

DATA ANALYSIS BY INTERNATIONAL RESEARCH TEAMS



- Single impact model simulated multi year mean change
- Single impact model emulated multi year mean change IPSL-CM5A-LR



By comparing scenario simulations against no-climate-change baseline simulations, we provide a systematic quantification at the national and global level of the purely climate-induced changes in land area affected by and the number of people exposed to extreme events for 1°C (historical), 1.5°C and 2°C global warming. We quantify extreme events covering six welldefined categories: river floods, tropical cyclones, wildfires, crop failure, drought and heatwaves (Lange et al., under review).

PUBLISHING PUBLIC INFORMATION (www.isipedia.org)

These ISIMIP modeling results are prepared into countryspecific assessments via relevant indicators within the framework of the ISIpedia project, in close cooperation with regional stakeholders and decision-makers. These reports are sorted according to the type of study into: future projections, attribution studies, model evaluation or country. These are made accessible on an interactive online platform.



What we do?

ISIpedia provides public access to climate-impact science to 🖤 generate a better understanding of climate related risks to inform climate change mitigation and adaptation processes.

Select **Data Type** →

A climate change impact assessment report can be generated with a focus on different assessment types, ranging from future projections and historical observations to model evaluation, by selecting the assessment type of your interest.

Future Projections

Select **Area** →

Specify the area of your interest, being a country, group of countries or the global scale, and create the climate change impact assessment report of your choice.

CREATE REPORT



Select **Topic** →

Specify the climate change impact topic of your interest, e.g. agriculture, water, or extreme events, and one or more impact indicators for this topic and create the climate change impact assessment report of your choice.

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