

Potsdam-Institute for Climate Impact Research

From natural science to social science, from risks to solutions, from identifying Planetary Boundaries to managing Global Commons: The Potsdam Institute for Climate Impact Research (PIK) is advancing the frontier of integrated research for global sustainability, and for a safe and just climate future. A member of the Leibniz Association, the institute is based in Potsdam, Brandenburg and connected with the global scientific community. Drawing on excellent research, PIK provides relevant scientific advice for policy decision-making. The institute's international staff of more than 300 is led by a committed interdisciplinary team of Directors. This is science – for a safe tomorrow.

AREAS OF ACTIVITY

Climate Modelling, Climate Services, Media & Communication

PROJECT

ISIPedia: the open climate-impacts encyclopedia

ISIPedia was designed to provide state-of-the-art climate impact information by translating the latest climate impact science into well understandable and informative texts. ISIPedia articles are written by the scientists who did the research. Only scientific studies are featured that have passed the peer-review process and that are based on data from the Inter-Sectoral Impact Model Intercomparison Project (ISIMIP). This means that in all featured scientific studies scientists used the same kind of input data which allows to compare the respective research results - and the corresponding ISIPedia articles - no matter whether the study covers the entire world or only a specific country, or whether it sheds light on past climate impacts or makes future projections. Results from global studies featured in ISIPedia are also presented at the country-level through short and informative texts and corresponding figures. The global data is broken down to national levels so that country-specific information is made available also where data is usually scarce. All data that is related to plots and figures of ISIPedia articles are free to download and the related raw data in the ISIMIP data repository are linked, as well. This guarantees full transparency and allows further research and more applied studies. E.g. it supports policy makers and practitioners to design measures to help their countries cope with the impacts of climate change. The project consortium is led by the Potsdam-Institute of Climate Impact Research and consists of the following further institutes: the International Institute for Applied Systems Analysis (IIASA), Climate Analytics (CA), Senckenberg Biodiversity and Climate Research Centre, Global Climate Forum, Goethe University, Frankfurt, Universitat Autònoma de Barcelona, Karlsruhe Institute of Technology, Laboratoire

des Sciences du Climat et de l'Environnement, Umea University, Universidad Pablo de Olavide and the Utrecht University. Contact: Martin Park

<https://www.ecca21.eu/participants/1657> Official website of the project:

<https://www.isipedia.org>

Applies to

Health, Fishery, Database, Food security, Communication, Energy sector, National level, Regional level, Climate science, Water management, Climate services, Climate modelling, Public authorities, Knowledge transfer, Platforms, websites, Agriculture, forestry, Extreme weather events, Climate change adaptation, Environmental observation, International cooperation, Networking and cooperation, Legal and regulatory aspects, Marine, coastal, fluvial management, Disaster risk management and reduction, Decision support tools, decision-making, Biodiversity, ecosystem restoration, ecosystem services, Assessment of climate change impacts (physical, economic, social...)



ECCA 2021 - Climate Adaptation solutions - ISIpedia

Video <https://youtu.be/KqaaLbNjXkM>

