

PUNCHLunch –

the online lunch seminar of the PUNCH4NFDI Consortium

Every second Thursday, 12:30-13:30 hrs: keynote and discussion



Thursday, 5. May 2022, 12:30 hrs:

Dr. Jochen Klar (PIK)

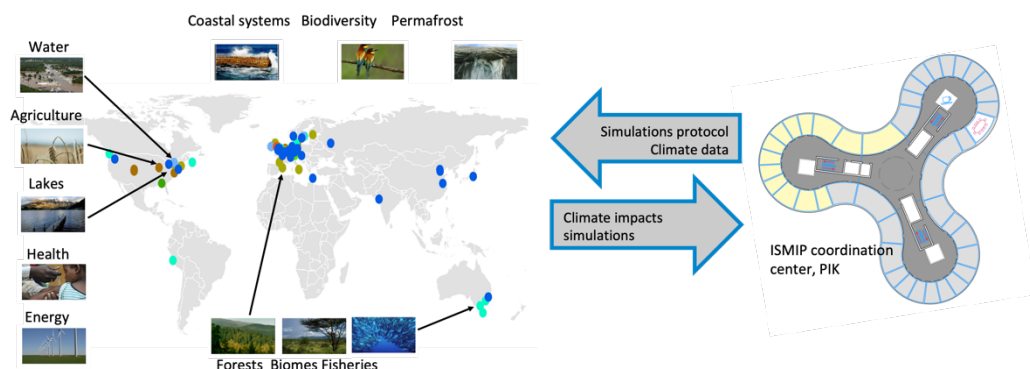
ISI Access

Implementing a machine-actionable workflow for the publication of climate impact data of the ISIMIP project

Abstract:

The Inter-Sectoral Impact Model Intercomparison Project (ISIMIP) is a community-driven climate impact modeling initiative that aims to contribute to a quantitative and cross-sectoral synthesis of the various impacts of climate change, including associated uncertainties.

ISIMIP is organized into simulation rounds for which a simulation protocol defines a set of common



scenarios. Participating modeling groups run their simulations according to these scenarios and with a common set of climatic and socioeconomic input data. The model output data are collected by the ISIMIP team at PIK and made publicly available in the ISIMIP repository. As part of the BMBF funded ISI-Access project, this process has been significantly improved by introducing a machine-readable protocol and several software tools for data curation, quality control and data publication. While the specific implementation is highly optimized to the peculiarities of ISIMIP, the general ideas should be transferable to other projects. In my presentation, I will discuss the various tools and how they interact to create an integrated publishing workflow.

Connection details:

ZOOM Meeting “PUNCHLunch seminar”: <https://indico.desy.de/event/33360/>

Webinar ID: 919 1665 4877, passcode: 481572

Next event: FAIRMat, 19.5.2022

Connect to PUNCH4NFDI:

Twitter: @PUNCH4NFDI

Mail: punch4nfdi@desy.de

Web: www.punch4nfdi.de