

PIK Potsdam

Advancing the scientific frontier on inter-disciplinary climate impact research for global sustainability and contributing knowledge and solutions for a safe and just climate future – this is the twofold mission of the Potsdam Institute for Climate Impact Research (PIK), a member of the Leibniz Association and a leader in its field. We integrate the latest understanding of the Earth system with the assessment of climate risks, and with the exploration of policies and pathways towards a manageable climate future. A guiding framework for PIK's research is therefore the integration of Planetary Boundaries and Global Commons. The institute in a unique way combines research across disciplines and scales with solution orientation, emphasizing that societal relevance is based on scientific excellence.

AREAS OF ACTIVITY

Climate Risks & Responses, Disaster Risk Management

Climate Services

Consulting, Service Provider

Investment & Financing

Media & Communication

Policy-Making

PROJECT

SENSES - Climate Change Scenario Services: Mapping the future

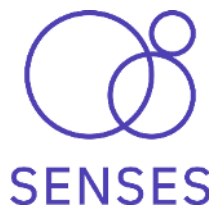
The SENSES project developed a tailor-made, user- determined Climate Change Scenario Toolkit “SENSES” Toolkit, <https://climatescenarios.org/toolkit/> connecting the new generation of climate community (CC) scenarios to selected user and stakeholder groups. The Toolkit includes a unique collection of user-centred scenario visualization tools, practical guidelines and manuals, and build on co-production techniques of relevant and useful climate change knowledge for three key user groups: (i) national and international climate policy makers, (ii) regional climate scenario users, and (iii) businesses and financial service provider, particularly those with long term planning horizons. The project consortium has internationally recognized expertise in climate change scenario research and co-creation techniques, please also visit our website for more information. The toolkit translates complex scientific scenario information into relevant knowledge for these user groups enabling them to gain relevant insights into adaptation to climate change, mitigation of climate change and residual climate impacts. Specific for the regional climate scenario users there is a focus on multi-scale scenarios, linking global scenarios with local and regional knowledge, goals, and scenarios for robust adaptation planning. Dedicated learn modules and manuals provide guidance how to connect global scenarios with specific regional contexts for robust

adaptation and mitigation planning. This directly leads to the replicability of the provided approaches. Further, for the scientific community all visualization elements in the toolkit can be accessed open source on Github and used for own purposes. Contact: Cornelia Auer <https://www.ecca21.eu/participants/210>
Official website of the project: <https://climatescenarios.org/toolkit/>

Applies to

Database

Financing, Insurance, Engineering, Local level, Communication, Energy sector, Climate policy, National level, Regional level, Climate science, Building sector, Public authorities, Knowledge transfer, Adaptation strategy, Platforms, websites, Agriculture, forestry, Transportation sector, Extreme weather events, Education and training, Climate change adaptation, Climate change mitigation, Disaster risk management and reduction, Exchange of knowledge and good practices



ECCA 2021 - Climate Adaptation solutions – SENSES

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



The screenshot displays the SENSES Earth interface. On the left, a blue sidebar contains the text "ECCA 2021 - Climate Adaptation solutions - SENSES explore" and "See how extreme events occur across the globe at different warming levels in SENSES Earth." Below this is a "Watch on YouTube" button. The main area shows a globe with a red play button overlay. Above the globe, there are control panels for "IE TOOLKIT" (with a dropdown menu set to "testwave"), "1.5 +2 °C global warming", "in" (with a dropdown menu), and "d-humidex". A "Copy link" button is located in the top right corner.