

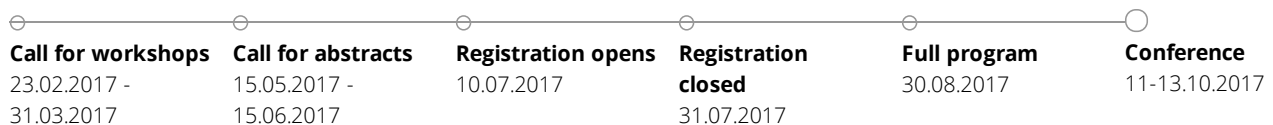


Counting the true costs of climate change

The international conference on climate-change impacts for scientists & stakeholders

11 - 13 October 2017

Potsdam, Germany



Impacts World is the leading international conference covering the diversity and depth of climate-impacts research today. IW2017 follows on from the inaugural Impacts World 2013, held in Potsdam, Germany, which brought together impacts researchers and stakeholders from across the spectrum of impacted sectors, initiating an era of truly integrated cross-sectoral climate-impacts research.

Impacts World showcases not only the very latest in our scientific understanding impacts of climate change, placing a particular focus on the most pertinent and pressing political questions of the day, but shines a

spotlight on the challenges that lie ahead for this research community, and offers time for in-depth discussions and dedicated working groups. In 2017, the conference will be dedicated to counting the *true* costs of climate change, by considering four key challenges for aggregating and quantifying climate-change risks and impacts.

Find arrivals information & presentation guidelines here

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Four key challenges for quantifying the true costs of climate change

(/four-key-challenges-counting-true-costs-climate-change/)



Counting the economic costs of climate change

Estimating the economic costs of climate impacts is key for informed decision-making. Costs can arise from changes in the mean climate, as well as climate-induced extreme events, via destruction of assets and impacts on economic growth, development and wellbeing in the short and long term. In particular, climate impacts strongly depend on and further change the distribution of income, wealth, and adaptive capacities. Moving forward, improving economic-cost assessment requires a more comprehensive quantification of economic losses, reflecting risk and uncertainties, and a better accounting for different preferences and conceptions of social welfare.

Read more

<https://www.impactsworld2017.org/four-key-challenges-counting-true-costs-climate-change/#economic-costs>



Climate change and human migration

Human migration and displacement, be it within a country, or across borders, is driven by myriad interacting factors, not least conflicts and natural disasters. Climate change is already adding to these strains, through the increased frequency and intensity of extreme weather and climate events, the prolonged effects of enduring changes to climatic conditions on food systems and water availability, or the disappearance of land due to rising sea levels.

Read more

<https://www.impactsworld2017.org/four-key-challenges-counting-true-costs-climate->



Climate change and human health

The propagation of vector-borne diseases, occurrence of extreme heat stress, nutritional shortages, and the deterioration of air quality are among the human-health issues likely to be exacerbated under climate change. Furthermore, impacts on labor productivity could be one of the main economic consequences of climate change.

Investigating the interaction of climate change from other governance, infrastructure and environmental issues, and to the extent possible separating these, will help to identify the adaptation measures to reduce risks for human health. Furthermore, understanding the influence of these drivers separately contributes to quantifying how climate mitigation policies can help to alleviate pressure on our health systems.

Read more

<https://www.impactsworld2017.org/four-key-challenges-counting-true-costs-climate-change/#human-health>



Climate change and the Sustainable Development Goals

Climate action is one of the 17 Sustainable Development Goals (SDGs) adopted by the United Nations in 2015, but all 17 goals are highly interlinked. Climate change impacts, adaptation as well as mitigation action needs to be considered for achieving most, if not all other 16 goals. The climate-impacts research community can therefore contribute to identifying the challenges associated with and required strategies for meeting these goals, and shed light on the particular vulnerabilities of poor and disadvantaged sections of society.

[change/#human-migration\)](#)

Read more

[\(https://www.impactsworld2017.org/four-key-challenges-counting-true-costs-climate-change/#climate-change-and-the-sdgs\)](https://www.impactsworld2017.org/four-key-challenges-counting-true-costs-climate-change/#climate-change-and-the-sdgs)

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and Research**

Together with myclimate Deutschland gGmbH we are calculating and offsetting the CO2 emissions arising from the participant travel and further CO2 emissions associated with this conference.

