

# 'The BIG Questions'

Lecture Series

## From climate change to societal impacts – key challenges of climate impact research

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04 August 2017 | 11:00 h

Venue: Large conference room, GEOMAR (Düsternbrooker Weg 20)

How good are we at estimating the risks that 1.5°C, 2°C or 3°C of global warming pose to our societies? The presentation will highlight the key challenges in addressing these questions, including 1) estimating direct impacts on natural or human systems, such as changes in crop yields, flood risks, or potential damages caused by tropical cyclones; and 2) estimating the magnitude of related impacts on society, such as human displacement or changes in long-term economic development. With the IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways currently being drafted, this talk will look at the available research and current gaps in knowledge.

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