

# Welcome to the CHIPS final event!

**Current crises and future climate change:  
how to prevent rising inequality and  
societal conflict.**

February 27th, 2023



**CHIPS**

Climate Change Impacts and Policies  
in Heterogeneous Societies

# The CHIPS (Climate change impacts and policies in heterogeneous societies) consortium



**CHIPS**

Climate Change Impacts and Policies  
in Heterogeneous Societies



(Project Lead)

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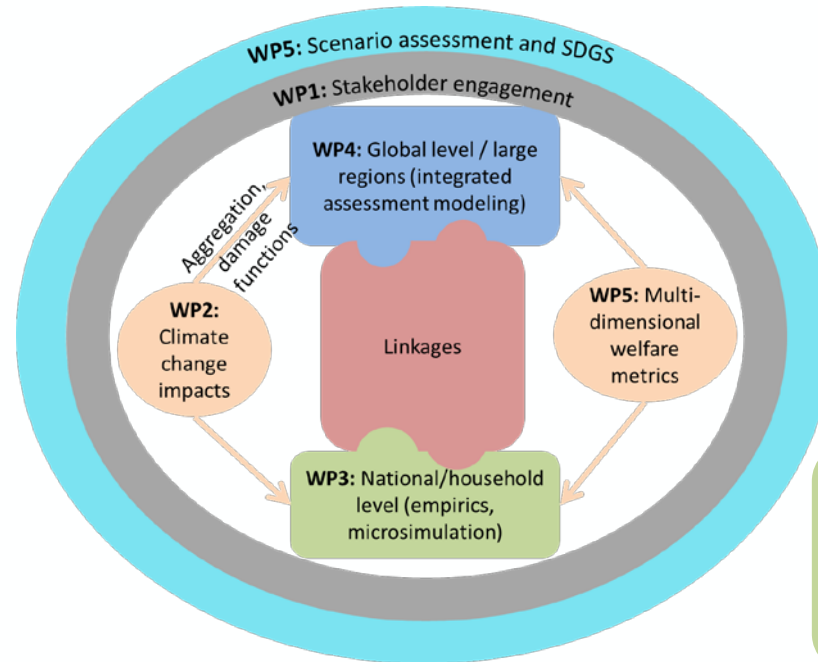
Mercator Research Institute on  
Global Commons and Climate Change

Ulrike Kornek, Stellio Del Campo, Simon Feindt

# Objectives

## Integration of distributional effects of climate change impacts and climate policies into integrated assessment through advances in economic modeling across scales

- Improved quantifications of damages from tropical cyclones (e.g. Krichene et al. 2021) & labor (Dasgupta et al. 2021)
- Differential impact of temperature change on income groups (global, Collins-Sowah et al., in prep.)
- Differential vulnerability to tropical cyclones Vogt et al., in prep.)



- IAM improvement & application (e.g. Piontek et al., in prep., Young-Brun & Feindt, in prep.)
- Effect of inequality on SCC (e.g. Del Campo et al. 2021)
- SDGs (Soergel et al. 2021)

Acceptability of climate policy (Ewald et al. 2021)

Robust assessment of distributional effects of climate impacts and carbon pricing through empirical analysis and microsimulation for selected focus countries (e.g. Feindt et al. 2021, Labandeira et al. 2022)

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## CHIPS - Climate Change Impacts and Policies in Heterogeneous Societies

### Background

Climate change impacts and climate mitigation policies have different effects in different locations and for different societal groups. Socio-economically vulnerable groups will likely be hit hardest. At the same time, reducing inequality, poverty and ensuring economic opportunities as well as combatting climate change are key components of the United Nations' Sustainable Development Goals. Research supporting policy makers in the development of measures that reduce climate change and contribute to greater social justice is therefore of the utmost urgency. It will accompany the successful implementation of the Paris Climate Agreement and the SDGs.

### Objectives

CHIPS develops new concepts and tools to represent distributional effects in Integrated Assessment Models as the key tools for comprehensive assessment of socioeconomic pathways and policies. It bridges the scales between large world regions and households as well as local and global impacts of climate change and mitigation policies. In particular, CHIPS aims at:



### News

[Policy brief "Damages and social costs of carbon from tropical cyclones"](#)

Feb 22, 2023

[Current crises and future climate change: how to prevent rising inequality and societal conflict.](#)

February 27, online event

Dec 19, 2022

[Publication: Understanding the resistance to carbon taxes](#)

Sep 12, 2022

[More news...](#)

[Project overview \(PDF, 0.5 MB\)](#)

# Agenda

- |       |   |
|-------|---|
| 14:00 | <b>Welcome and introduction</b> (Franziska Piontek; PIK, CHIPS PI)  |
| 14:10 | <b>Building resilience - Pathways to climate justice</b><br>(Keynote, Norbert Gorißen, Federal Foreign Office, Germany)   |
| 14:30 | <b>Global policy scenarios in the face of distributional effects of climate change impacts and policies</b><br>(Results from the CHIPS project I)   |
| 14:55 | <b>National climate policies and inequality: a household perspective</b> (Results from CHIPS II)  |
| 15:20 | Break   |
| 15:40 | <b>Extreme poverty and shared prosperity under socioeconomic and climatic uncertainties</b><br>(Keynote, Julie Rozenberg, World Bank)   |
| 16:00 | <b>Panel discussion: How do the current crises interact with long-term climate policy needs and how should research respond?</b><br>With Matthias Kalkuhl (MCC), Brian Walsh (World Bank), Lucas Chancel (World Inequality Lab), Marie-Luise Abshagen (NGO Forum Environment and Development); Moderation: Cornelia Auer, PIK |
| 17:15 | Final questions and closing remarks   |

# Housekeeping

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- Generally: Please keep your microphone switched off
- To participate in a discussion or ask a question, you have two options:
  - a) use the "raise hand" button. Please do not turn on your microphone until the moderator gives you a signal.
  - b) write your comment or question in the chat (it will be monitored by us)
- Video: if your connection is weak, it may help to turn it off

## Acknowledgements

The project CHIPS is part of AXIS, an ERA-NET initiated by JPI Climate, and funded by FORMAS (SE), DLR/BMBF (DE, Grant No. 01LS1904A), AEI (ES) and ANR (FR) with co-funding by the European Union (Grant No. 776608).

