

What can we learn from the Corona crisis to enhance our societies' resilience to intensified weather extremes?

Initiative: Europe and Global Challenges

Bewilligung: 20.07.2020

Laufzeit: 10 Monate

The project addresses the research question of what we can learn from the Corona crisis to enhance our societies' resilience to intensified weather extremes. The focus lies especially on answering the question of whether the COVID-19 pandemic and possible political, individual and economic responses to it will render us more or less vulnerable to future weather extremes and how we can steer that development in a favorable way such that our societies' resilience to extreme events - of any kind - is enhanced. The project team will develop three different post-corona trade network scenarios for the next 30 years with the support of a newly developed algorithm. Expected key results are a novel data set projecting international trade relations in accordance with three Corona recovery scenarios, the identification of those post-Corona economic pathways that are most favorable in reducing the adverse effects of future weather extremes and an explicit understanding of how the Corona crisis has affected climate-related decisions at the micro level by example of mobility choices. The project results will also be discussed with decision-makers and the public. The project team consists of researchers from Germany, Australia and the USA.

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