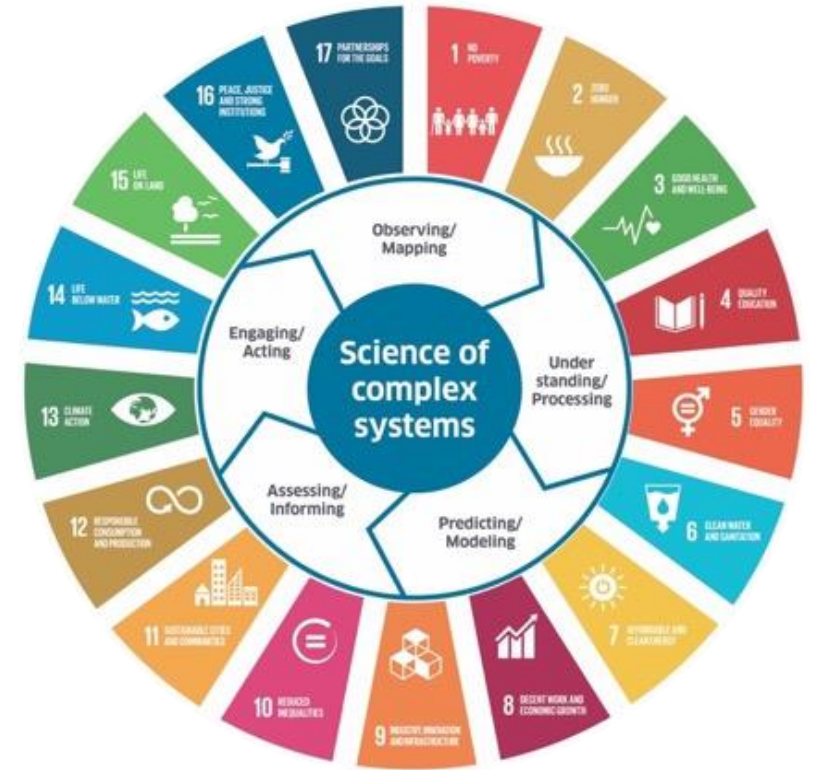


Science for COVID-19 Recovery

Prof. Dr. Martin Visbeck
GEOMAR und Kiel University



GEOMAR

Helmholtz Centre for Ocean Research Kiel



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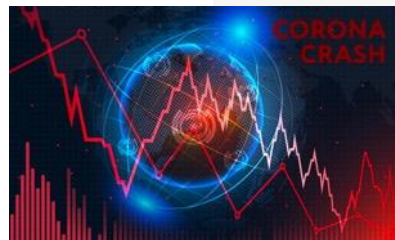


Impacts and Opportunities of the Pandemic

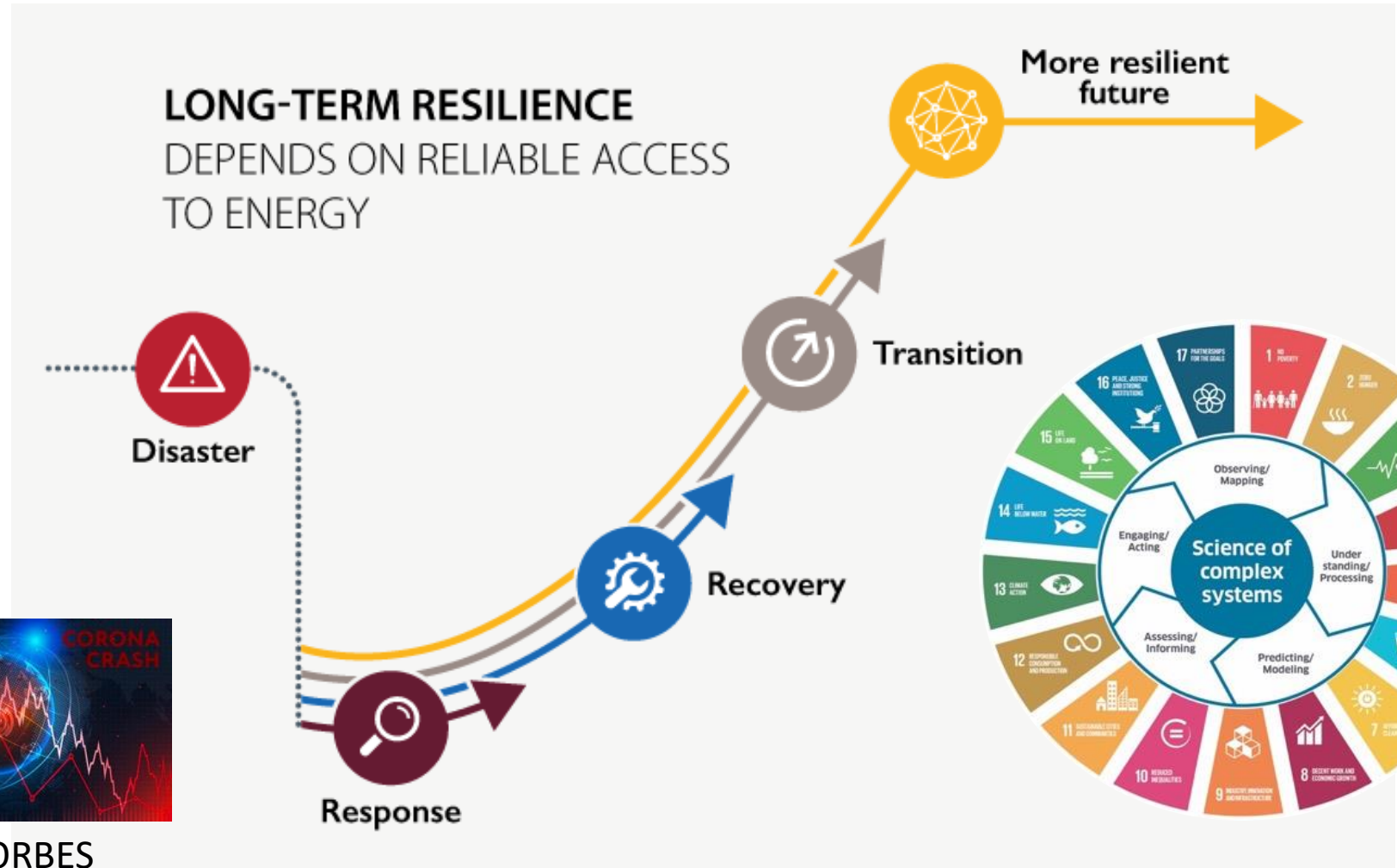
COVID-19 and climate change science:
Impacts, Options and Opportunities for knowledge sharing



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Interdisciplinary Scientific Evidence

Ensuring effective use of interdisciplinary scientific evidence in shaping global resilient recovery strategies

There is tremendous opportunity to address both the economic crisis and climate change /sustainability policies together. In order to rebuild more resilient communities, we need to ensure that our recovery measures propel the global economy towards a more sustainable, decarbonized future and increased resilience.

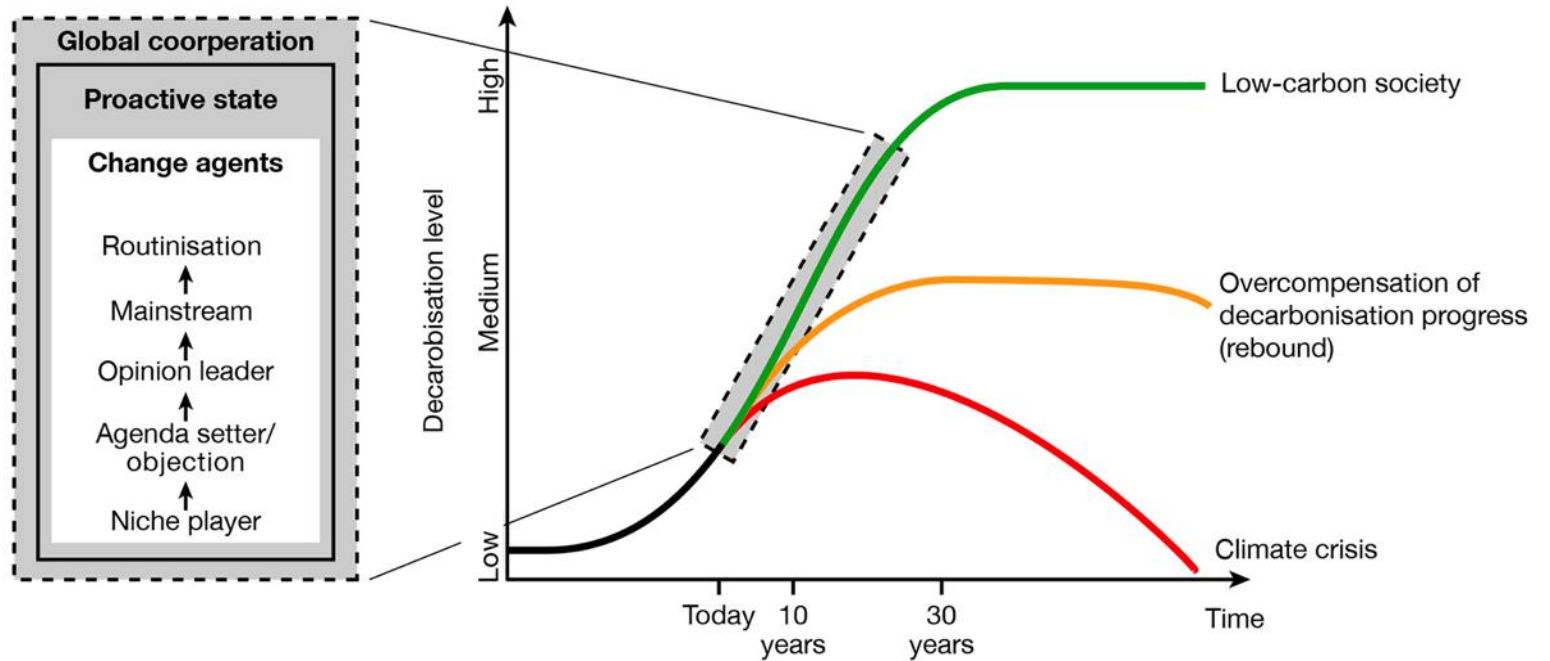




Social Sciences and Humanities

Strengthening the contribution from the social sciences and humanities for advancing the societal transformations towards a more sustainable, resilient and low-carbon future

While climate change has been recognized as a complex social challenge, the current approach to realizing the 1.5°C target has been predominantly technical, focused on promoting technological innovations, greater expertise and efficiency. These technical solutions are often easy to identify and develop, but more difficult to implement at scale, as they face a range of political and social barriers.





Evolution of the Science Systems

Unlocking the full potential of science for advancing sustainable low-carbon development in the next decade will benefit from an evolution of the science systems in the way science is conducted, harnessed, and funded.

Given that climate change, similar to COVID-19, poses a complex and systemic risk, addressing it will require a systems-based approach to science as well as integration of knowledge across different disciplines and societal actors. The COVID19 pandemic has given a boost to the digital transformation in society and the sciences. Free and open sharing of knowledge, building global capabilities and capacity as well as solution orientation of climate impact science are key elements for the future..

