

## Communicating Planetary Health: The Munich Science Communication Lab

Initiative: Wissenschaftskommunikation hoch drei

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The Munich Science Communication Lab focuses on the topic of Planetary Health. This relatively new field of research is increasingly in the public eye. For example, the climate crisis and the Covid-19 pandemic have highlighted the link between the state of natural systems and human health. The consortium brings together communication science, practice, and planetary health research and pursues several goals with this center: by bringing together expertise from health communication and climate communication under the umbrella term "Planetary Health," findings from both fields will be brought together and used to develop and explore new narratives and models of science communication. "Planetary Health" serves as an example for so-called "wicked problems", i.e. challenges that do not have simple solutions because they are of global relevance, contradictory interests have to be reconciled and they need to be solved repeatedly. The consortium wants to explore how to communicate about "wicked problems", which roles emotions play in science communication, which strategies enable an inclusive, consensus-oriented and constructive dialogue, how these topics can be communicated in different media formats and how science communication can succeed in the future - in cooperation between disciplines, science communication research and practice - according to mutual benefit approaches. Among other things, the consortium plans to launch open calls for proposals on science communication formats and science communication research. The results will not only contribute to advancing the academic debate, but will also be translated into a toolbox that offers evidence-based science communication practices on planetary health to support researchers and practitioners worldwide. The practice partners involved, such as the Deutsches Museum, the Natural History Museum BIOTOPIA and the City of Munich, offer expertise, audience and experimentation potential in the empirical part of the research on science communication.

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