

Sitzung des AK Naturgefahren und Naturrisiken in der DGfG  
29.-30. April 2024  
München

**The unexpected problem to deal with the expected?  
Epistemological and practical challenges to tackle the risks of today and tomorrow**

The new normal in terms of hazard extremes and disasters seems to be arriving at our doorsteps. But while science has for a long time been warning about the types of events we have been observing over the recent years, societies and risk managers face challenges in finding “the right” answers and adapting systems in a speedy and proactive manner. Transformational risk reduction has become a much debated term – also within the AK – but empirical observations from across sectors and regions reveal that much of the current risk reduction still seems to be too slow, too reactive and guided by approaches and paradigms tested in the past rather than in scenarios of the future.

In this AK session, we therefore want to trigger our thinking “outside of the box” of proven paradigms. We invite a wide range of contributions which call into question existing risk management approaches, assess their potential advancements and propose scientific as well as practical agendas for a risk reduction of the future. We are particularly interested to foster the exchange and collaboration between different sub-disciplines and traditions of (geographical) risk research. These could include – but are not limited to – to aspects of physical risk assessments, social feasibility and acceptability of risk reduction measures, normative and ethical considerations of risk reduction, the communication of risks or educational aspects of risk literacy. We are open to theoretical, empirical and methodological contributions and to studies focused on different hazards, regions and sectors.

Next to the plenty of room for scientific exchange, this AK session aims to accommodate a joint discussion on the coming directions of the AK and a vote on its future speakers.

For questions and registrations, please contact [m.garschagen@lmu.de](mailto:m.garschagen@lmu.de), [alexander.fekete@th-koeln.de](mailto:alexander.fekete@th-koeln.de) and [sven.fuchs@boku.ac.at](mailto:sven.fuchs@boku.ac.at)

**Day 1: 29 April 2024**

- 13:00 –13:30      **Arrival and Registration**
- 13:30 –15:00      **Welcome**  
*Matthias Garschagen, Sven Fuchs, Alexander Fekete*
- Erwünschter und erklärbarer Wandel – Neuere Entwicklungen in der Analyse von Wandel und ihre Anwendung auf das Management von Naturrisiken**  
*Gérard Hutter, Thorsten Wiechmann*
- Black Elephants: Some thoughts on the role of ignorance in disaster risk management**  
*Christian Kuhlicke, Thomas Thaler*
- Collaborative explorative scenario-development as an initiator of transformative thinking: challenges and opportunities**  
*Britta Höllermann*
- Multi Hazards - Interdisciplinary perspectives on dealing with crises in university teaching**  
*Jens Reinert, Ann-Kristin Winkes*
- 15:00 – 15:45      **Coffee Break**
- 15:45 – 17:15      **Guiding principles and formulation of goals for reducing heat stress in urban planning**  
*Antje Katzschner, Marisa Fuchs, Franziska Götsche, Matthias Garschagen*
- Young people in climate change adaptation - A cluster analysis based on protection motivation theory**  
*Franziska Wankmüller, Laura Loy, Alexander Siegmund*
- Ruptures in perceived solution spaces for adaptation to flood risk: Heuristic insights from Mumbai and general lessons**  
*Deepal Doshi, Matthias Garschagen*
- Agent-based modelling for understanding the socio-ecological resilience in alpine mountain communities**  
*Andreas Mayer, Claudia Egger, Veronika Gaube, Margreth Keiler*
- 17:15 – 18:00      **Break**
- 18:00 – 19:15      **Podiumsdiskussion: Alpines Naturgefahrenmanagement in Zeiten des Wandels – Quo Vadis?**  
*Michael Krautblatter, Margreth Keiler, Ralf Ludwig, Sven Fuchs*
- 19:30                Joint Dinner (Selbstzahler)

## Day 2: 30 April 2024

- 08:30 – 10:00 **Information interoperability and data spaces in support of stakeholders and organizations in Disaster Risk Reduction**  
*Horst Kremers*
- Collective adaptation in socio-culturally diverse cities – Insights from Jakarta and general lessons**  
*Mia Wannowitz, Matthias Garschagen*
- Artificial Intelligence in disaster management**  
*Thomas Kox, Till Büser, Anna Heidenreich, Yannick Fernholz*
- General Discussion**
- 10:00 – 10:45 **Coffee Break**
- 10:45 – 12:00 **AK Naturgefahren und Naturrisiken: Next steps**
- 12:00 **End of Meeting and Joint Lunch**

### Venue:

Seidlvilla  
Kulturzentrum Schwabing  
Nikolaiplatz 1b  
80802 München

### Public Transport:

U3 and U6 or Tram 23  
Münchner Freiheit

### Hotels:

Munich offers a large variety of hotels. Good options are usually available close to the main train station or in Garching, a 15 minutes ride on the U6 line from the venue.

