

Climate risk governance in the Arctic

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Motivation:

The Arctic is at the frontline regarding the impact of climate change hazards, such as rock slides, avalanches, storms, flooding events, but also wildfires. The Arctic has seen an increase in the frequency and scope of existing hazards to the degree that they today threaten settlements, critical functions of society and critical infrastructure across the Arctic region. Experiences with a warmer climate in the Arctic, risk governance involving a wide specter of actors developed in response to a changing climate, and climate change adaptation strategies serve as an important knowledge hub for future climate change mitigation and adaptation in the Arctic, but also in other parts of the world.

Objectives:

This special session will explore how society at large, including communities, industry and organisations, mitigate and adapt to possible future climate change-induced disasters threatening their existence. The purpose of this special session is to present ongoing research on climate change impact on a changing risk picture in the Arctic and to discuss the conceptual implication the findings have for organisations and social systems' future mitigation and adaptation in the Arctic, but also elsewhere. During the discussions, we will explore conceptual commonalities across the different cases and present subjects of further research and collaboration. We will invite researchers on climate change and disaster risk reduction working in the region to submit abstracts and papers.

Keywords:

“Arctic”, “climate change”, “risk governance”.

Potential speakers:

Eirik Albrechtsen
Professor, NTNU

Knut Øien
Senior Research Scientist, SINTEF

Gunhild B Sætren
Manager Arctic Safety Centre, Svalbard

Marianne Nitter
Associate Professor, University of Stavanger

Jacob Taarup-Esbensen
Associate Professor, Københavns
Professionshøjskole

James Badu
PhD Candidate NORD University

Bjørn Ivar Kruke
Professor, University of Stavanger

Information for Abstract submission

Authors are invited to submit their abstract (no more than 300 words, including references) using the predefined webform available on the EasyChair accessible using the link below. A peer review of the abstract will be performed. Only authors with an accepted abstract (or full paper) will be allowed to present at the ESREL2025 conference. Please note that the abstract will be made available on the conference website it will NOT be indexed. Authors with accepted abstract will be invited to submit an extended abstract and a full paper. The full paper will be indexed.

To submit your abstract please:

1. Go to Conference Submission Link https://easychair.org/account2/signin_timeout?l=4557462091074670868 and log in with username and password provided. If you do not have an account on EasyChair, you must create it. Click on create an account and follow the instructions.
2. Follow the submission link from the conference website
3. Click on «New Submission»
4. Fill out the submission form and click on «Submit». Add the keywords: “Arctic”, “climate change”, “disaster risk”.