

Programme

Bergen, 15-16 May 2024

Human geographies of
climate change adaptation



Welcome







In 1863, a group of women from Bergen established the city's first ice skating club, continuing a tradition that is documented to extend as far back as the year 1619. In cold years, Bergensers could skate across the city centre, from Smålungeren to Puddefjorden. Historical records indicate that, in a handful of glacial winters, daredevils skated all the way to Askøy, an island located about 4 kilometres northwest of the city centre. Today, these accounts are met with reactions ranging from incredulity to nostalgia.

“What research project does this story inspire in you?” I asked this question to five colleagues who work on adaptation to climate change, though from rather different disciplinary perspectives. As expected, their responses were everything but alike. The answer I got from my human geographer colleague entailed work that is underrepresented in the scientific literature. For this reason, his response triggered two additional questions: what research projects would other human geographers imagine, based on the story above, and would those projects also suggest that the discipline is underrepresented in climate change adaptation research?

Replace the story above with ‘adaptation to climate change’, and you will have one of the main reasons for organising this conference. What does research on ‘human geographies of adaptation to climate change’ involve today? Where is the field coming from, and where is it headed? Are there under- or over-researched areas? I hope that, when we close the conference, we are one small step closer to having answers to these questions.

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University of Bergen*

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Wednesday 15th

08.45	Registration opens	University Aula
09.20	Welcome with musical prelude	University Aula
09.50	Keynote speeches	University Aula
10.30	Break with refreshments	University Aula
11.00	Track 1: structural issues <ul style="list-style-type: none">• Karen O'Brien (University of Oslo)• Emily Boyd (Lund University)• Andrew Gibson (University of York)	University Aula
12.30	Lunch	University Aula
14.00	Track 2 <ul style="list-style-type: none">• Adaptation in the Arctic• Understanding adaptation limits• Assessing adaptation success• Understanding just adaptation	Student Centre Seminar rooms A-E
15.30	Break with refreshments	Student Centre
16.00	Track 3 <ul style="list-style-type: none">• Manifestations of adaptation limits• Political economies of inclusiveness• Stakeholder engagement and just adaptation• Outside-the-box adaptation planning	Student Centre Seminar rooms A-E
18.30	Conference dinner	Restaurant Nova Nedre Ole Bulls plass 4

Thursday 16th

Track 4

09.00

- Mobility and adaptation limits
- Methodologies for just adaptation
- Adaptation in urban areas
- Metrics and practice for transformative adaptation

Student Centre
Seminar rooms
A-E

10.30

Break with refreshments

Student Centre

Track 5

11.00

- Place attachment and more-than-human entanglements
- Co-creating just adaptation
- Power, politics and conflict
- Perspectives on fairness, justice and democracy

Student Centre
Seminar rooms
A-E

12.30

Lunch

Student Centre

Track 6

13.30

- Equity, fairness and justice
- Adaptive capacities
- Actors on adaptation
- Perspectives on (just) adaptation practice

Student Centre
Seminar rooms
A-E

15.00

Break with refreshments

Student Centre

Track 7

15.30

- Political economies of adaptation funding
- Transformations for just adaptation
- Case studies of (in)justice in adaptation
- Psychological health and community wellbeing

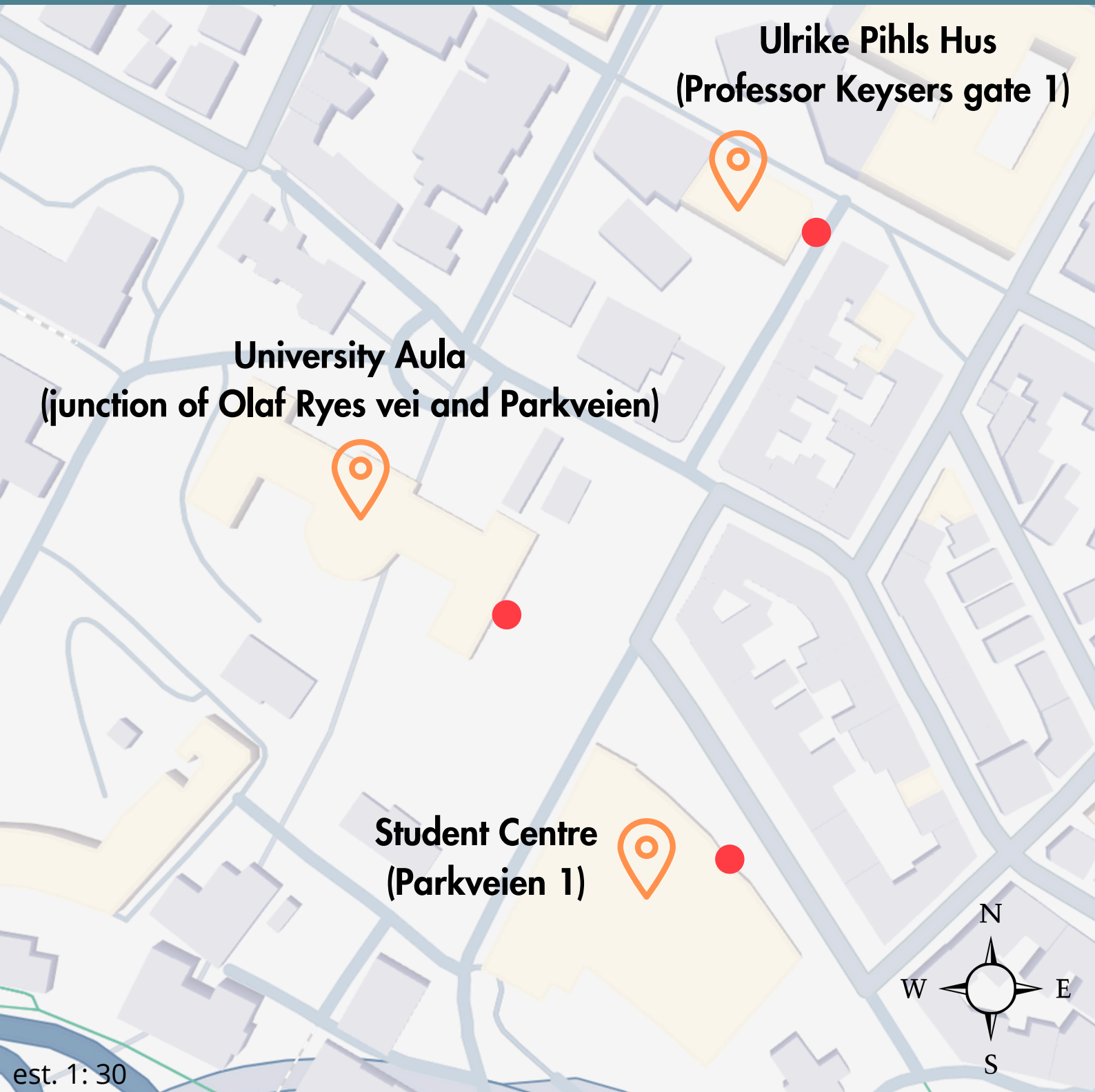
Student Centre
Seminar rooms
A-E

16.45

Closing of the conference

Ulrike Pihls Hus
Aula

Conference locations



The conference takes place at three different locations on the campus. The walking time from one location to another is approximately one minute. Red dots illustrate entrance points.

Keynote speeches

Chair and discussant: Jon Barnett

University Aula



Dr. Marina Baldissera Pacchetti

Science and values in climate change adaptation: a philosophy-of-science perspective

Marina Baldissera Pacchetti is a researcher that splits her time between University College London and Barcelona Supercomputing Center. Her research draws from history and philosophy of science, environmental social science, and physical climate science, to address knowledge production, justification, and uptake issues in climate change science.



Prof. Neil Adger

Mission-driven adaptation to climate change

Neil Adger is a Professor of Human Geography at the University of Exeter. His research touches upon environmental geography, ecological and institutional economics, and global environmental change. He is an ISI Highly Cited Researcher in the Social Sciences, one of the few geographers whose work is widely cited across the disciplines.

Track 1

11.00 - 12.30

Structural issues

Chairs: Lisa Schipper and Gina Ziervogel

University Aula

This paradigm is killing us: the role of consciousness in confronting the limits to adaptation

Karen O´Brien (University of Oslo)

Building fair, cross-scale and borderless adaptation

Emily Boyd (Lund University)

Information horizons as limits to climate change adaptation

Andrew Gibson (University of York)

Track 2

14.00 - 15.30

2.1 Adaptation in the Arctic

Chair: Carlo All

Seminar room C

Challenges for climate change adaptation in small remote communities in Iceland

Jóhanna Gísladóttir (Agricultural University of Iceland)

Strengthening resilience to climate-induced natural disasters through anticipatory capacities in Arctic municipalities

Leikny Bakke Lie (The Arctic University of Norway)

The affective power of melting ice

Halvor Dannevig (Western Norway Research Institute)

From policy to practice: catalyzing climate change adaptation in northern Norwegian municipalities

Laurien de Korte (The Arctic University of Norway)

Place attachment, storms, and climate change in the Faroe Islands

Rico Kongsager (University College Copenhagen)

2.2 Understanding adaptation limits

Chair: Reinhard Mechler

Seminar room E

Adaptation success and limits: insights from 50 leading experts and implications for research and practice

Ana Terra Amorim-Maia (Basque Centre for Climate Change)

What do climate projections beyond 2100 CE mean for adaptation?

Christopher Lyon (University of York)

Ontologies of social limits to adaptation

Daniel Puig (University of Bergen)

Limits to adaptation through the lens of social innovation

Gina Ziervogel (African Climate and Development Initiative, University of Cape Town)

2.3 Assessing adaptation success

Chair: Lisa Schipper

Seminar room D

Lessons from Australia's first adaptation stocktake

Elissa Waters (Monash University)

Does adaptation measurement matter? Opening up the human geographies of metrics

Susannah Fisher (University College London)

Assessing global progress on adaptation: insights from the IPCC AR6 and UNEP's Adaptation Gap Report

Timo Leiter (London School of Economics and Political Science)

Complementary plan evaluation methods for assessing equitable adaptation planning for heat and flooding

Sara Meerow (Arizona State University)

The relativity of project failure: visions, controversies and side-effects of adaptation to climate change

Johannes Dittmann (University of Bonn)

2.4 Understanding just adaptation

Chair: David Schlosberg

Seminar room A-B

What are urban adaptation imaginaries and how can they be used as a methodology for just adaptation?

William Lewis (Basque Centre for Climate Change)

From adaptation to loss and damage: shifting norms for multilevel governance of climate-related planned relocation

Rachel Harrington-Abrams (King's College London)

Extending the Shared Socioeconomic Pathways to assess future vulnerability of small developing island states

René Rott (Climate Analytics)

Power-sensitive climate storylines to foster just adaptation futures

Maria Rusca (University of Manchester)

Track 3

16.00 - 17.00

3.1 Manifestations of adaptation limits

Chair: Tom Tanner

Seminar room C

Limits of adaptation to climate-related risks in the Peruvian Andes: a case study in the Upper Río Santa and Salkantay catchments

Isabel Hagen (University of Zurich)

Examining the limits to adaptation in Japan's ice tradition: insights from Ostrom's principles for governing commons

Yoshimi Fukumura (University of Tsukuba)

Understanding soft and hard adaptation limits: from theory to evidence

Reinhard Mechler (International Institute for Applied Systems Analysis)

3.2 Political economies of inclusiveness

Chair: Gina Ziervogel

Seminar room E

Participation and power in climate change adaptation: examining the reflexive capacity of five small and medium-sized municipalities in Germany

Dennis Fila (University of Freiburg)

Adapting to changing water access in the pastoral drylands: combining qualitative and participatory methods to understand the socio-politics of differentiated lived experiences in southern Kenya

Edwige Marty (Norwegian University of Life Sciences)

How collective is collective action? A study of two Indian policies promoting community-led groundwater management

Suchiradipta Bhattacharjee (International Water Management Institute)

3.3 Stakeholder engagement and just adaptation

Chair: Marta Olazabal

Seminar room A-B

Enhancing community resilience: exploring community-based approaches for disaster-risk reduction

Benedetta Oberti (Eurac Research)

Creating flexible participation methodologies for local climate change adaptation

Mari Hanssen Korsbrekke (Western Norway Research Institute)

Best practices to tailor adaptation citizen engagement initiatives to specific objectives

Sam Pickard (Barcelona Supercomputing Center)

3.4 Outside-the-box adaptation planning

Chair: Jon Barnett

Seminar room D

Multispecies geographies: an experimental approach to concepts and practices of climate adaptation

Hannah Della Bosca (University of Sydney)

Lessons from the past: can Irish historic drought adaptation methods support mitigation and resilience strategies?

Arlene Crampsie (University College Dublin)

Coordinating seasons in Bergen arboretum

Scott Bremer (University of Bergen)

Thursday 16th May

Track 4

09.00 - 10.30

4.1 Mobility and adaptation limits

Chair: Jon Barnett

Seminar room E

Migration as adaptation to climate change and extreme natural events in the Eastern Hindu Kush, Northern Pakistan

Saeed A. Khan (Philipps University Marburg)

The tail end of migration: assessing the climate resilience of migrant households in Ethiopia

Ann-Christine Link (Philipps University Marburg)

Human geographies of climate-related displacement: how soon is now?

Fiona Miller (Macquarie University)

Beyond 'technical limits to hard protection': land reclamation, mobility and adaptation in Tuvalu

Liam Saddington (University of Cambridge)

4.2 Methodologies for just adaptation

Chair: Joshua Long

Seminar room D

Decoding justice in regional adaptation: a political ecology analysis of urban flooding in Alleppey, Kerala, India

Rohit Joseph (Indian Institute of Technology, Bombay)

Stories from the frontlines: advancing epistemic justice through citizen-led climate podcasting

Blane Harvey (McGill University)

How do normative scenarios contribute to justice in adaptation?

Thaisa Comelli (University College London)

Adapting to uncertainty: a critical approach to understanding the impacts of climate adaptation policy on the human right to water

Elizabeth Carlino (Texas A&M University)

Socio-ecological justice: principles and guidelines for urban design practices

Marian Stuiver (Wageningen University)

4.3 Adaptation in urban areas

Chair: Håvard Haarstad

Seminar room C

Beyond hazards: a relational paradigm shift in urban climate adaptation through nature-based solutions

Sean Goodwin (Basque Centre for Climate Change)

Indicators and metrics to evaluate urban adaptation: a systematic review

Marta Olazabal (Basque Centre for Climate Change)

Institutional designs for procedural justice and inclusion in urban climate change adaptation

Eric Chu (University of California, Davis)

What is in for everyday adaptation? A review of schools of thought, documented practices and potential for driving transformative adaptation

Cecilia Alda-Vidal (Basque Centre for Climate Change)

4.4 Metrics and practice for transformative adaptation

Chair: Lisa Schipper

Seminar room A-B

Nordic institutional ambition to avoid mal-transformation

Carlo Aall (Western Norway Research Institute and Noradapt)

One size fits all? Unpacking transformational adaptation for policy and practice

Elisabeth Gilmore (Carleton University)

Managing systemic risk through transformative change

Stefan Hochrainer-Stigler (International Institute for Applied Systems Analysis)

Embedding environmental justice into adaptation practice for transformation

Lisa de Kleyn (La Trobe University)

Navigating disaster risk management and climate change adaptation towards transformative resilience-building: a roadmap

Teresa Deubelli-Hwang (International Institute for Applied Systems Analysis)

Track 5

11.00 - 12.30

5.1 Place attachment and more-than-human entanglements

Chair: Scott Bremer

Seminar room E

Mobile kinship: exploring more-than-human entanglements in the context of climate-related planned relocation

Giovanna Gini (University of Oxford)

Life after climate-related planned relocation: a review of wellbeing outcomes and what shapes them

Annah Piggott-McKellar (Queensland University of Technology)

Care and vulnerability in climatic and environmental crises: the role of cultural caring practices in Western and Northern Norway

Siri Veland (NORCE Norwegian Research Center)

Climate adaptation-place trajectories in rural communities

Rico Kongsager (University College Copenhagen)

Understanding adaptation of newly emerging communities through situated resilience and transformative learning

Prativa Sapkota (University of Melbourne)

5.2 Co-creating just adaptation

Chair: Christopher Lyon

Seminar room C

Co-creating tomorrow: how participatory design of games can help address uncertainties underpinning adaptation decision making

Ambika Markanday (Basque Centre for Climate Change)

Utilizing a social contracts lens to understand responsibility distributions for climate change adaptation: lessons from other disciplines

Lena Grobusch (Ludwig-Maximilians-Universität München)

Responsible co-production of knowledge: lessons from the PATHWAYS project

Camilla Audia (University of Warwick)

Social science tools for climate scientists: exploring, developing, and evaluating novel, co-produced climate services in Barcelona

Sam Pickard (Barcelona Supercomputing Center)

5.3 Power, politics and conflict

Chair: Karen O'Brien

Seminar room A-B

Adaptation dynamics: rolling waves of change in adaptation-intensive regions

Douwe van Schie (University of Bonn)

Unpacking vulnerability to climate change in post-coup Myanmar: a political economy analysis

Kyungmee Kim (Uppsala University)

The political economy of vulnerability to climate change in the Marshall Islands

Jon Barnett (The University of Melbourne)

Intersectional power dynamics and weaponised territorialisation of resource rights in climate change adaptation in Laikipia, Kenya

Siri Eriksen (Norwegian University of Life Sciences)

Climate adaptation grit: surfacing and responding to what Indigenous leaders are saying

Jessica Weir (Western Sydney University and Australian National University)

5.4 Perspectives on fairness, justice and democracy

Chair: Gina Ziervogel

Seminar room D

Barriers to environmental justice and implications for just adaptation

David Schlosberg (Sydney Environment Institute and Helsinki Collegium for Advanced Studies)

Adaptation and the emergent climate hegemony: avoiding adaptation as partition

Joshua Long (Southwestern University)

Missing links: a decade of discourse of coastal adaptation and charts declining democracy

Anne Leitch (Griffith University, NCCARF)

Reframing climate adaptation policy through justice, fairness, and equity in Aotearoa New Zealand

Ariane Bray (University of Otago)

The expectation of un(der)paid adaptation labour

Victoria Maguire-Rajpaul (Anglia Ruskin University)

Track 6

13.30 - 15.00

6.1 Equity, fairness and justice

Chair: Lily Lindegaard

Seminar room A-B

Unraveling power dynamics and justice imperatives in India's climate change adaptation strategies

Himabindu Killi (University of Glasgow and Leuphana University of Lüneburg)

Inclusive flood risk reduction for people with disabilities in Mumbai – a climate justice perspective

Jan Petzold (Ludwig-Maximilians-Universität München) and Sasha Kosanic (Liverpool John Moores University)

A framework to support the equitable standardisation of climate services

Asun Lera St. Clair (DNV & Barcelona SuperComputing Center)

Fixing the coast? Adaptation through multifunctional diking and practices of territorialization in Semarang, Central Java

Johannes Herbeck (University of Bremen)

6.2 Adaptive capacities

Chair: Matthias Garschagen

Seminar room C

Institutional approaches to flood risk management in Vietnam and Germany: a comparison

Christoph Gocht (University of Tübingen)

Beira the day after: the adaptation mix

Jérôme Etsong (University of Coimbra)

Measuring and connecting women's empowerment and adaptive capacity in the water, sanitation and hygiene sector

Sarah Dickin (Uppsala University)

Unravelling the "capacity-action-gap": the case of private flood risk adaptation measures

Annika Schubert (Ludwig-Maximilians-Universität München)

6.3 Actors in adaptation

Chair: Rico Kongsager

Seminar room E

Potentials and challenges of coordination and collaboration in multilevel governance - The case of Denmark, with perspectives to Tanzania

Anne Busck (University of Copenhagen)

Who are adaptation practitioners?

Todd Denham (La Trobe University)

Ruptures in perceived solution spaces for adaptation to flood risk: actor-specific insights from Mumbai and general lessons

Deepal Doshi (Ludwig-Maximilians-Universität München)

Bottom-up adaptive social protection: a cross-national case study of grassroots efforts in emergency response and post-disaster reconstruction and recovery

Haorui Wu (Dalhousie University)

6.4 Perspectives on (just) adaptation practice

Chair: Ishfaq Hussain Malik

Seminar room D

Knowledge networking platforms for inclusive science: mainstreaming adaptation in India's National Disaster Management Plan

Anshu Ogra (Indian Institute of Technology, Delhi)

Inclusion and finance in Eastern Africa's climate adaptation policies

Raghuveer Vyas (Climate Analytics)

Prepare for the unseen: introducing transboundary climate risks into the local agricultural discourse in Norway

Synnøve Støverud Beitnes (Western Norway Research Institute)

Integrated forest landscape management for sustainable forestry and forest conservation in the Yarlung Tsangpo River Basin, Qinghai-Tibet Plateau, Southwest China

Ting Ma (Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences)

Track 7

15.30 - 16.30

7.1 Political economies of adaptation funding

Chair: Susannah Fisher

Seminar room A-B

Optimizing European funding programmes for equitable urban climate adaptation: insights and challenges for urban policymakers

Kayin Venner (Basque Centre for Climate Change)

Power dynamics and the politics of climate finance: an analysis of decision-making in the Green Climate Fund

Istiakh Ahmed (Northeastern University)

Does funds-based adaptation finance still not reach the most vulnerable countries?

Matthias Garschagen (Ludwig-Maximilians-Universität München)

7.2 Transformations for just adaptation

Chair: Simon Neby

Seminar room E

Social theories for climate transformations: critical insights on the knowledge and politics of system change

Lily Lindegaard (Danish Institute for International Studies)

(No more) Space for transformation? Transdisciplinary dynamics in municipal adaptation planning

Hartmut Fünfgeld (University of Freiburg)

Farmers' incremental and transformational climate change adaptation in different regions: a natural language processing comparative literature review

Sofía Gil-Clavel (Delft University of Technology)

7.3 Case Studies of (in)justice in adaptation

Chair: Emily Boyd

Seminar room C

Political ecology of climate change adaptation in the Kashmir Himalayas: a critical exploration of power dynamics and justice implications

Ishfaq Hussain Malik (University of Leeds)

What does adaptation justice mean to people affected by climate impacts? Empirical insights from local, national and international levels in Vietnam

Wendy Conway-Lamb (University of Canberra)

Factors influencing access to climate adaptation strategies in Nigeria: a social justice perspective?

Olalekan Adekola (York St. John University)

7.4 Psychological health and community wellbeing

Chair: Siri Eriksen

Seminar room D

Impacts of climate change on psychosocial health and wellbeing in Sub Saharan Africa

Susan Elliott (University of Waterloo)

Repairing places for adaptive futures: community-led repair work in climate-affected regions

Emily Potter (Deakin University)

Exploring the psychosocial dimensions of climate change adaptation: insights from three global contexts

Stacey Heath (Open University)

The book of abstracts is available from [this link](#)

In social media, use the hashtag
#HGA2024
to share your thoughts.

Thank you for joining us.



UNIVERSITY OF BERGEN



Acknowledgements

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We thank Neil Adger and Marina Baldissera Pacchetti, the conference's keynote speakers, for their availability.

Art was kindly provided by [Laura Gaiger](#).

Judith Dalsgård, Tanya Bykova and Nora Haukali took care of administrative and organisational matters, and handled issues related to communications.

Funding from the University of Bergen's Fund, and the Centre for Climate and Energy Transformation's "Accelerator" programme is gratefully acknowledged.

Friday 17th May

Join us for two **social activities** on Norway's National Day.

National Day parade

At 9.45, we will meet at Torget 15 (right outside of "Scruffy Murphys") to watch the parade.

Hike to Fløyen

At 14.30, we will meet at Vetrilidsallmenningen 23A (the Fløibanen station) to hike to Fløyen.

We will follow the path named Tippetue, which takes you to the top in about one hour.

You can also take the cable car ([buy tickets here](#)).

Note that the weather can change quickly, and the temperature at the top will be a couple of degrees lower.

What else to do?



Fjord cruise to Mostraumen
[more information here](#)

City sauna and cruise
[more information here](#)



[Additional ideas here](#)

The fjord cruise and the “city sauna and cruise” are popular activities among visitors, which is why we include them on this page of suggestions.