



PROGRAMME

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Programme online



9–11 March

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PROGRAMME

DAY 1



Time	Session	Room
12:00	Registration opens	Sal X
13:00–13:20	Welcome and opening	Sal X
13:20–13.50	Keynote H. Kreibich	Sal X
14:00–15:45	Parallel sessions	
Chair: Raffetti	Health I	Sal X
Chair: Nivre	Energy systems	Sal XI
Chair: Boyd	Societal adaptation I	Sal IV
15:45	Coffee break	
15:45 –17:00	Posters	

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PROGRAMME

DAY 2



Time	Session	Room
09:00–10.45	Parallel sessions	
Chair: Holmberg	Health II	Sal X
Chair: Messori	Impact data I	Sal IV
Chair: Döring	Societal adaptation II	Sal XI
10:45	Coffee break	
10:45–12:00	Posters	
12:00–13:00	Conference Lunch	
13:00–13:30	Keynote A. Gasparrini	Sal X

Day 2 programme continues on next page



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PROGRAMME

DAY 2



Time	Session	Room
13:35–15:20	Parallel sessions	
Chair: Manzoni	Foodsystems I	Sal X
Chair: Strigunova	Impact data II	Sal IV
Chair: Di Baldassarre	Societal adaptation III, Governance I	Sal XI
15:20–15:45	Coffee break	
15:45–17:30	Parallel sessions	
Chair: Vico	Foodsystems II	Sal X
Chair: Mård	Impact data III, Attribution I	Sal IV
Chair: Maybom	Governance II	Sal XI
19:00	Conference dinner at Sven Dufva	

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PROGRAMME

DAY 3



Time	Session	Room
09:00–09:30	Keynote B.-O. Linnér	
09:35–11.20	Parallel sessions	
Chair: Khodayar	Attribution II	Sal X
Chair: Boyd	Panel on immobility	Sal IV
11.20–11:45	Coffee break	
11.45–12:30	Closing panel discussion: Å. Persson (Swedish Climate Policy Council, KTH Royal Institute of Technology), M. Målvist (Uppsala University), A.-I. Malm (Länsförsäkringar insurance)	Sal X
Conference ends		

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SESSION TALKS

DAY 1



Time	Session/Title	Room
13:00-13:20	Welcome and opening	Sal X
13:20-13:50	Keynote presentation	Sal X
Heidi Kreibich	Adaptation to flood risk in dynamic human-water systems	
14:00-15:45	Parallel sessions	
Chair: Raffetti	Health I	Sal X
Claudia Offner	Real-Time Forecasting of Weather-induced Healthcare Demand Across Vulnerable Populations In Himachal Pradesh, India	
Emma Holmberg	Forecasting European heat-related mortality in 2024: data driven vs physics based forecast approaches	
Michael Schutte	Sudden stratospheric warmings as predictability windows of cold-related mortality in Europe	
Samuel Lüthi	Heat-mortality impacts under 1.5°C overshoot pathways	
Ricardo Berenguer Navarro	Unprecedented heatwaves and impacts on preterm birth: A storyline approach	
Otis Sloan Wood	Designing Out Mosquito-borne Disease Transmission: Building and Landscape Environment Strategies for Present and Future Scenarios in Scandinavia and Sub-Saharan Africa	
Chair: Nivre	Energy systems	Sal XI
Geoffrey De Sena	A method for assessing the comparative risk posed by low- and high-wind extremes for power grids with high offshore wind energy penetration	
Yu Meng	Climate-driven compounding effects and historical trends in renewable electricity droughts in Europe	
Milan Mathew	Climate Change Impacts on Photovoltaic and Wind Power: Insights from a Convection-Permitting Model Ensemble	
Gabriele Messori	Mapping LLM-Derived Weather Hazard Database to Outage Reports - Impact on the Swedish Power System	

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SESSION TALKS

DAY 1



Time	Session/Title	Room
Daniel Adshead	Integrating Climate Resilience in Energy Access Planning	Sal XI
Emmanouil Flaounas	Assessing Power Network Resilience to Catastrophic Medicanes: The Case of lanos (2020) in Present and Future Climate	
Chair: Boyd	Societal adaptation I	Sal IV
Giuliano Di Baldassarre	Breaking vicious cycles of hydro-climatic disasters and socio-economic inequalities	
Vandana Choudhary	Climate Extremes and Urban Slums: Heatwave Impacts, Social Vulnerabilities, and Community Adaptation in Jaipur	
Ravindra Singh	Who Gets to Stay Cool? Extreme Heat and Social Inequality in Delhi's Urban Microclimates WITHDRAWN	
Katherine Gough	Working in the heat: Disrupted livelihoods and rising insecurity in urban Ghana	
Nisan Alici, Suanne M. Segovia-Tzompa	A justice approach to climate and environmental disaster risk in Turkey's Kurdish region	
Emilia Ganslandt	Climate Impacts on the Nordic Riviera: Environmental Justice and Privilege in Coastal Sweden	
15:45 -17:00	Posters	

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SESSION TALKS

DAY 2



Time	Session/Title	Room
09:00-10.45	Parallel sessions	
Chair: Holmberg	Health II	
Pierre Masselot	Building a repository of exposure-response functions for climate and health research: a case study in European urban areas	Sal X
Huiqi Chen	A data-driven modelling framework for global extrapolation of temperature-mortality relationships in cities	
Coral Salvador	Exploring the association between droughts and mortality and the potential mediating role of air pollution on a global scale	
Isabel Walter	Air temperature and thrombotic cardiovascular disease in England: a case time series using population-wide electronic health records during the COVID-19 pandemic	
Jeroen de Bont	The short-term effect of multiple heat indicators on birth outcomes in Africa, Europe and Latin America WITHDRAWN	
Shivang Pandey	Modelling Climate-Health Associations Using Very Large Datasets	
Eleni Dovrou	Wildfire in-plume chemistry implications on air quality and health	
Chair: Messori	Impact data I	
Julie Sampieri	Temporal trends, spatial distribution, and co-occurrences of global geocoded shocks (1990–2020)	Sal IV
Sara Lindersson	The SHEDIS dataset: Subnational Hazard and Exposure information linked to international DISaster impact records	
Konstantinos Palaologos	An LLM-Constructed Database of Natural Disasters' Impacts	
Jeanne Fernandez	Building a dataset of drought impacts to the water sector using Large Language Models	
Johanna Mård	A 50-year natural hazard impact database for Sweden	
Daniel Pardo García	Unveiling the Socio-Economic Footprint of Mediterranean Tropical-Like Cyclones through AI-Driven News Analysis	

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Chair: Döring	Societal adaptation II	
Eleanor Vance	Navigating Dry Spells: A Scoping Review of Drought-Adaptation Strategies Across the Southern African Development Community	
Elisa Savelli	Climate adaptation tools under scrutiny: implications for just and sustainable adaptation in the Mediterranean	
Mithun Dutta	Assessing Climate Adaptation Behaviors and Livelihood Strategy Prioritization in Coastal Bangladesh: Evidence from Kalapara Upazila WITHDRAWN	Sal XI
Ben Roberts	Adapting to overheating in UK homes: an empirical evaluation of occupant ventilation and shading behaviour	
Steffen Lohrey	Assessing Societal Response to Extreme Temperature Shocks	
Peninah Murage	Do trees in croplands support the heat adaptation of agricultural workers? A quasi-experimental study [...] WITHDRAWN	
Friederike Hippe	Just Adaptation in German Cities? Assessing Social Justice Dimensions in Urban Climate Adaptation Strategies	
10:45-12:00	Posters	
13:00-13:30	Keynote Presentation	
Antonio Gasparrini	Use of individual-level cohort data for climate health research: methodological challenges, barriers, and opportunities	Sal X
13:35-15:20	Parallel sessions	
Chair: Manzoni	Foodsystems I	
Johanna Hedlund	Cascading climate extremes in global food supply chains and future food demand	
Stephanie Rost	Sweden's food security vulnerability to AMOC collapse WITHDRAWN	
Mahmoud Suliman	Impacts of climate extremes and variability on the reliability of crop yields	Sal X
Giulia Vico	Crop yield response to short-term climatic conditions and cropping system options for adaptation	
Marina Friedel	Stratospheric Precursors of European Vegetation Dynamics and Crop Yield	
Faranak Tootoonchi	Effects of climate change on key winter variables relevant for agriculture	



Chair: Strigunova	Impact data II	
Lena Reimann	Climate Risk STAC: A living metadata catalog of geospatial data for assessing climate impacts	Sal IV
Wiebke Jaeger	Multi-Hazard Impacts in EM-DAT—Not Just the Sum of Their Parts?	
Maralda Drosky	A global stocktake of research on the interactions between flood and drought risk	
Koffi Worou	Socio-economic impacts of compound drought-heatwave events at a global scale	
Alissa Murray	Mapping Resilience to Compound Events in a Global Metropolis: A Case Study of Riyadh, Saudi Arabia	
Bhadra Devadas	Flood impact assessment across spatial scales: Insights from Bayesian Modelling	
Chair: Di Baldassarre	Societal adaptation III, Governance I	
Bontle Kgopa	An exploration of the resilience factors that support rural learners to adapt to climate catastrophe stressors WITHDRAWN	Sal XI
Shilpa Muliyl Asokan	Translating Climate Risk to Local Realities – A Case Study of Kenya	
Stefan Döring	Building Food Security and Trust in Refugee Settlements under Climate Stress	
Honey Kumar	Climate Change Extremes and Coastal Groundwater: Building Urban Water Supply Resilience in the Megacity of Mumbai (India)	
Zeba Farah Haque	When the Sea Devours the Land: A case of Climate Passport for Bangladesh's Sinking Shores WITHDRAWN	
Murathan Kurfali	Profiling Climate-Change Leanings in Large Language Models	
Shilpi Srivastava	Living between droughts and floods: unpacking climate extremes from 'below' in Western India	

SESSION TALKS

DAY 2



15:45-17:30	Parallel sessions	
Chair: Vico	Foodsystems II	
Bianca Biess	When Land Runs Out: Future Cropland Demand Exceeds Regional Arable Supply	
Markus Groth	A case study on forest practitioners' perspectives on climate extremes: consensus on impacts and conflicts in responses	
Robert Muscarella	Amazon drought sensitivity: geographical patterns in wetland and terrestrial forests	Sal X
Gesa Weyhenmeyer	Climate Extremes in Lakes: Ecological and Socioeconomic Consequences	
Safa Baccour	Is Volumetric Water Pricing Key to Safeguarding Wetland Ecosystems under Climate Stress?	
Stefano Manzoni	How coupled are soil and vegetation responses to precipitation extremes?	
Chair: Mård	Impact data III, Attribution I	
Louis Delannoy	Multi-decadal analysis of major global risk assessments reveals consistent biases and low predictive capacity	
Matteo Colucci	European designs for climate-risk insurance systems	
Martina Kauzlaric	Bridging climate projections and flood risk: A simple tool to develop storylines of flood impacts under global warming	Sal IV
Tyler Bagwell	Quantifying risks to economic growth from hydroclimate volatility under climate change	
Amaury Laridon	Linking Emissions from Fossil Fuel Megaprojects to Lifetime Climate Impacts Across Generations	
Baah Asare-Bediako	Assessing Coastal Dynamics under Climate Stressors: Evidence from UAV, Satellite, and Geophysical Data in Ghana	



SESSION TALKS

DAY 2



Chair: Maybom	Governance II	Sal XI
Malcolm Fairbrother	Explaining Environmental Successes and Failures	
Rakhyun Kim	Bridging Earth System Science and Earth System Governance	
Claudia Milli	Climate change impacts: perspectives for a global harmonized law?	
Elisabeth Rosvold	Conflict, Disasters, and Social Trust: A Cross-national Analysis in Southeast Asia	
Michelle Ochsner	Climate Change Adaptation of the Railway Sector.	
Shruti Kashyap	Unsustainability as Deep Uncertainty: Rethinking Risk Governance for Climate-Extreme Futures	

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09:00-09:30	Keynote Presentation	
Björn-Ola Linnér	Governing Transformative Change in Disruptive Times	Sal X
09:35-11.20	Parallel sessions	
Chair: Khodayar	Attribution II	
Aristeidis Koutroulis	Is climate change accelerating soil moisture droughts? Evidence from a global attribution analysis.	
Mireia Ginesta	Impact Attribution for Climate Law: The Case of Storm Irene	
Davide Martino Faranda	Attribution of aviation impacts during the 3 May 2025 Western Europe hailstorm	
Malcolm Mistry	The future of European outdoor summer sports through the lens of 50 years of the Tour de France	Sal X
Iliaas Pechlivanidis	Impact Based Seasonal Forecasting of Drought and Extreme Rainfall in Europe WITHDRAWN	
Cristina Deidda	Consecutive hot and dry events: a compound event attribution study	
Meryem Tanarhte	Cascading impacts of precipitation variability in North Africa under climate change.	
Chair: Boyd	Panel on immobility	
Carlos Shenga	Climate Change, Aspirations to Stay and Climate Immobility in Mozambique	
Mumuni Abu	Climate Thresholds and Gendered Immobility: Insights from Ghana's Volta Delta	
Adelle Thomas	Immobility in the Context of Climate Change	Sal IV
Emily Boyd	The Social Production of Immobility in Coastal Sweden: Determinants and Mechanisms in the Context of Sea Level Rise	
Larissa Araguaia	Staying Despite the Storm: Intersectional Immobility and Climate Injustice in the Amazon Coastal Zone	
11:45-12:30	Closing panel discussion: Å. Persson (Swedish Climate Policy Council, KTH Royal Institute of Technology), M. Måqvist (Uppsala University), A.-I. Malm (Länsförsäkringar insurance)	Sal X



Societal adaptation and justice dimensions

Pongsak Suttinon	Thailand's Rising Water Budget: The Challenge of Shifting from Reactive Spending to Proactive Climate Adaptation via the National Adaptation Plan (NAP)
Akwasi Maama	Climate Change, Cattle Violence and State Politics in Ghana
Muktarun Islam	Bridging Climate Adaptation Gaps through Fiscal Policy Framework for Agricultural Resilience in Northeastern Bangladesh
Mohammed Rabiul Suleiman	Reengineering Resilience: A Justice-Centered Framework for Climate-Resilient Public-Private Partnerships in Flood-Prone Urban Africa
Mohammad Javad	Intersections of Ethnicity, Sense of Belonging, and Climate Displacement: How Generation Z Adapts to Rising Sea Levels in the Global South WITHDRAWN
Ilynnah Mugotitsa	Gender roles' influence on implementation and outcomes of gender equality policies on climate adaptation in Kenya

Governance, policy and society mediating impacts

Survsureshth Dhammi	Media, Metaphors, and Environmental Security: How Language Shapes the Climate Crisis
Dieu Nguyen	Assessing Heat Mitigation Potential from Green Transit-Oriented Development: A Case Study in Thu Duc District, Ho Chi Minh City.
Rasa Zuzeviciute	Resources in Dispute: Rethinking Circularity in an Age of Climate Extremes
Seunghui Choi	Emotional Responses to Drought in the Western Cape News Media

Foodsystems, crops, and ecosystem impacts

Hanna Sjulgård	Farm-level economic impacts of climate change adaptations in cropping systems across Sweden
Rathna Kumar Tenneti	Socio-Economic Impacts of Energy Transition in the Agriculture Sector of India WITHDRAWN
Abhilasha Sevti	Climate Extremes Driven Shifts in Crop Seasonality and Livelihood Vulnerability: A Case Study of Semi-Arid Rajasthan WITHDRAWN



Health and healthcare impacts

Kiya Kediri	Effect of air pollution on pregnancy outcome
Risto Conte Keivabu	Wildfires and Birth Outcomes:Evidence from Spain
Verena Mühlberger	Flood Impacts on Healthcare Access and Social Vulnerability in Germany
Tarun Kumar Suvari	Impact of Heatwaves on Health: A Multicentric Retrospective Observational Study on Morbidity, Hospitalizations, and Mortality Patterns
Manuel Martellini O Nocentini	Climatic Drivers of Malaria risk in Children Under Five: A Large-Scale Analysis of individual-level data for 350,000 children in 26 Sub-Saharan African Countries
Shivang Pandey	Impact of temperature extremes on school going children's health in Sweden
Elena Raffetti	The impact of compound hydroclimate extremes on population health
Emmanuelle Kuijt	Degrees of inequality: How educational attainment shapes mortality associated to non-optimal temperatures in different provinces of Belgium
Saeed A. Khan	Temporal structure of the impact of meteorological conditions on pneumonia hospitalizations in Germany
Klas Ytterbrink Nordenskiöld	Predicting mortality during heatwaves through the application of machine learning on large register data
Veronika Tirado	Exploring perceptions of heat risk and user-experience of a heat-Early Warning System (EWS) app for pregnant women and mothers in Sweden: A mixed-methods study
Devon Nenon	A time series analysis of temperature and mortality in the Federation of Bosnia and Herzegovina WITHDRAWN
Verena Muehlberger	Identifying and Modelling Pathways between Flood and Health in Vietnam



Impact: data, modelling, and overviews

Aditya Narayan Mishra	Towards improved modelling of windstorm damage risk through Impact Model calibration
Devon Nenon	Shape-constrained exposure-response functions for modelling the impacts of climate extremes in small populations
Taiwo Bamgboye	Compounding impacts of climate change and urbanisation on water-energy-food Nexus in global south countries WITHDRAWN
Alok Kumar Samantaray	Quantifying the rarity behind European loss-causing floods: a precipitation-frequency framework
Charlotte Maybom	A social science typology of climate change storylines
Vinayak Bhanage	Evaluating Microclimatic Impacts of Citywide Rooftop Photovoltaic Deployment Using WRF and a Multilayer Urban Canopy Model: Evidence from Sendai, Japan
Ni Li	Wikimpacts 1.0: A new global climate impact database based on automated information extraction from Wikipedia
Gabriele Messori	Challenges and Opportunities for Understanding Societal Impacts of Climate Extremes

Energy system impacts

Yu Meng	Storylines of future summertime renewable electricity droughts in Europe under climate warming and rising air conditioning demand
Onno Nencke	Investigation of meteorological conditions leading to extreme variable renewable energy shortage events in Germany
Marie-Louise Herrmann	Power consumption and carbon footprint of open warming beds and closed incubators



Climate attribution, forecasting, monitoring, and projections for impacts

Ece Özen İldem	AI-Driven Monitoring and Forecasting of Marine Mucilage: A Climate Impact Case from the Marmara Sea
Chalermchon Satirapod	Analyzing Rainfall Patterns and Intensity in Bangkok Using GNSS-Derived PWV and Meteorological Observations
Malena Contizanetti	Sensitivity of Extreme Precipitation to Warming in a Global Storm-Resolving Model
Supattra Visessri	Evaluating ERA5 Precipitable Water Vapor and Its Application to Drought Monitoring through the SPCI over Thailand
Piyatida Ruangrassamee	Projected Changes in Extreme Precipitation from CMIP6 in the Mae Klong River Basin, Thailand
Jonathan Rosser	Uncertainty Quantification of the regional temperature consequences of a large AMOC decrease
Veronika Beranová	Building Climate Resilience through Urban Climate Analysis. Case study: Galanta (Slovakia)
Omar Cenobio	Future Water Dynamics of the Nitra River Basin under Climate Change and Land Use Scenarios
Suraj Kumar	Groundwater on the Edge: How Climate Warming and Urban Growth are Reshaping Bihar's Water Future
Marialuisa Simone	Characterization of aviation turbulence associated with Mediterranean tropical-like cyclones (Medicanes)
Leonardo Olivetti	Assessing the real-world economic value of weather forecasts under compounding extremes



Programme online

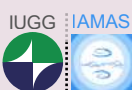
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