

Climes' second newsletter

September-December 2024



The *Swedish Centre for Impacts of Climate Extremes* (climes) is a platform for research and training to promote scientific progress in the study of climate extremes and support societal resilience. The centre bridges the physical, medical, social and engineering sciences.

Get to know climes! We're excited to engage with experts and policymakers to foster impactful environmental changes.

Learn more about our mission and vision at climes.se.

Disclaimer: This newsletter has been sent to you because you have either subscribed to our communication or participated in a climes event or course. If you wish to unsubscribe, please follow the instructions provided at the end of this email.

Save the date!

13 May 2025 The 2025 Nordic Workshop on AI for Tackling Climate Change

This one-day, in-person workshop, will take place in Gothenburg, Sweden, May 13th 2025. The workshop will feature a mix of keynotes, oral presentations, and posters around the topics of AI for climate change, including AI for biodiversity and the green transition.

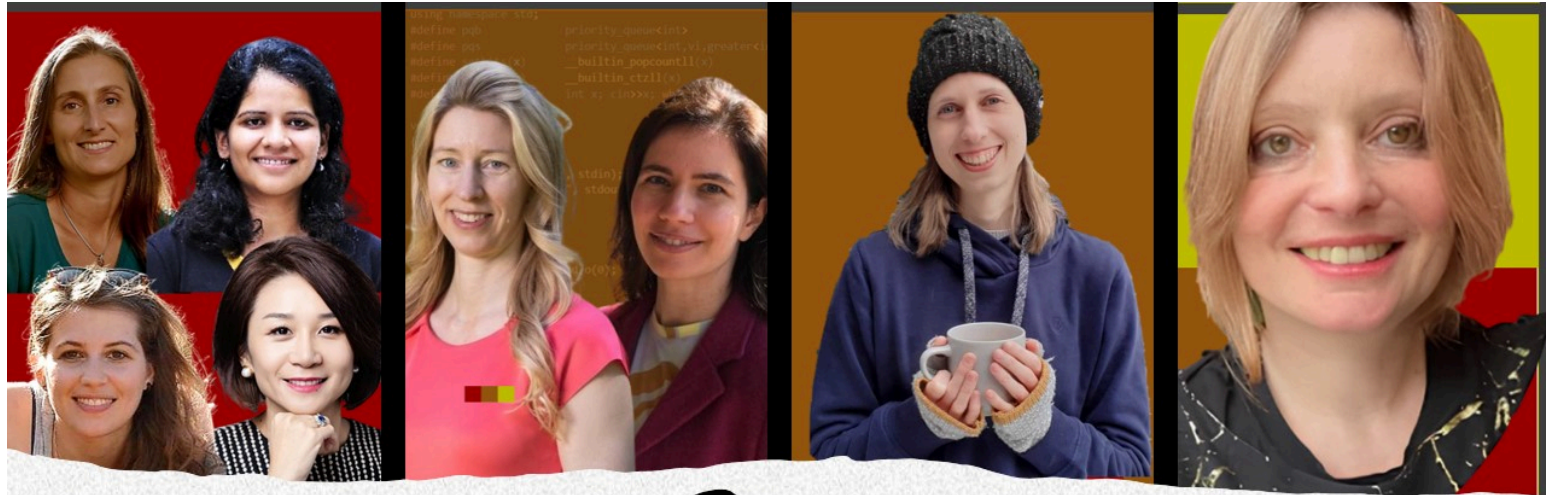
For more info and early application: www.climes.se/events



Events Highlights

Over the past months, climes has hosted a series of impactful events, showcasing the forefront of climate impact science and innovation. Among the highlights was the **AI for Weather Extremes: Forecasting and Impacts** seminar on 11 October, where global experts explored the transformative role of AI in extreme weather prediction and its societal implications. Other notable events include our participation in the **Uppsala Sustainability Festival** and climes seminars on **Big Data** and **Societal Responses to Climate Extremes**, connecting science, policy, and the public to foster resilience.

Learn more at climes.se/events.



www.climes.se/events

🎵 Release of "Weather the Storm" – Where Climate Data Meets Music 🎵

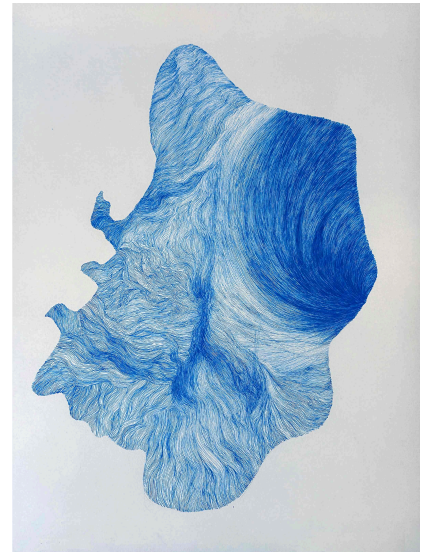
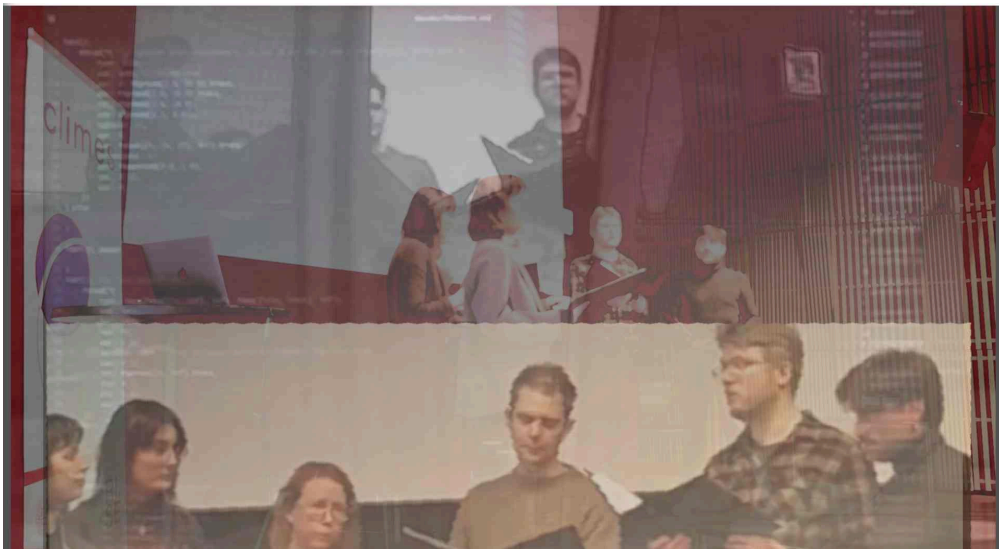
"Weather the Storm" is now available on streaming platforms!

At the Uppsala Sustainability Festival, we proudly hosted the release of "Weather the Storm", an extraordinary musical composition by Meghan Quinlan, inspired by real climate data. This unique piece translates decades of winter weather data from the Atlantic region of the USA into a moving sonic narrative, blending art and science to highlight the impact of extreme weather events.

The piece was commissioned for the inauguration of climes earlier this year.

Info and video: www.climes.se/weatherthestorm

Artwork by: [Cecilia Enberg](#)



Dr. Martina Angela Caretta joins the climes board



We are delighted to announce that Dr. Martina Angela Caretta, Associate Professor at Lund University, is joining the climes board.

Dr. Caretta brings a wealth of expertise in **water insecurity**, **climate change adaptation**, **vulnerability**, and **gender studies**. She has played a pivotal role in advancing interdisciplinary research, including her contribution as a Coordinating Lead Author for the latest IPCC Report (Working Group II, Water Chapter).

Her commitment to integrating social and natural sciences aligns perfectly with climes' mission to address the impacts of climate extremes through innovative, inclusive, and cross-disciplinary approaches.

We warmly welcome Dr. Caretta and look forward to her valuable contributions to the climes board!

Welcome Our New Post- Doc: Aditya

We're excited to welcome **Aditya Narayan Mishra** to our team as a postdoctoral researcher at Climes stationed at Uppsala University. Aditya, joining from Karl-Franzens-Universität Graz, specializes in regional climate modeling and the dynamics of extra-tropical storms. His work focuses on understanding the impacts of extreme weather events and advancing climate resilience through innovative simulation techniques.

[Click here](#) to learn more about Aditya and our team's research.



Join Us on LinkedIn. ~1000

Our new LinkedIn page is heading on to have 1K followers. Please make sure to follow to get updates instantly.

[Go to: LinkedIn.](#)



climes - Swedish centre for impacts of climate extremes

An interdisciplinary effort to understand impacts of climate extremes

Environmental Services · 846 followers · 11-50 employees



1 company alum works here

Message

Following



Home

About

Posts

Jobs

People



Call for abstracts!

Climes is participating in the [European Geosciences Union \(EGU\) General Assembly 2025!](#)

Our Principal Investigators are leading and contributing to sessions that tackle some of the most pressing challenges in climate and earth sciences, from understanding extreme weather impacts to leveraging AI for better forecasting.

EGU is a prime platform for connecting with global experts, sharing groundbreaking research, and advancing solutions to climate challenges. As part of the scientific community, we invite you to engage by submitting your abstracts and joining these critical discussions.

Submit your abstracts to these sessions and be part of the conversation shaping the future of climate science.

Abstract deadline: 15 January 2025.

Info at: www.climes.se/events

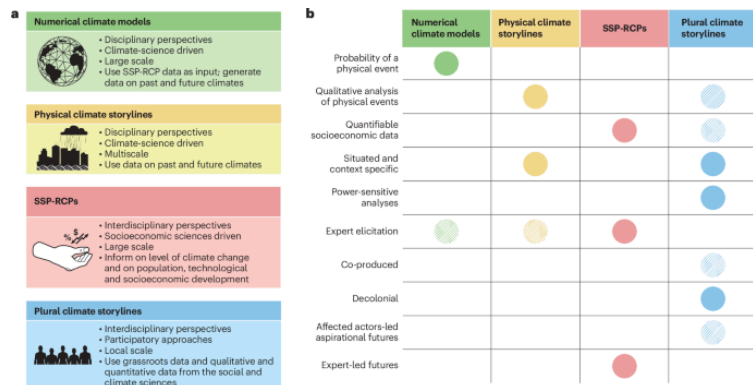
Publications

The latest advancements in climate research from climes.

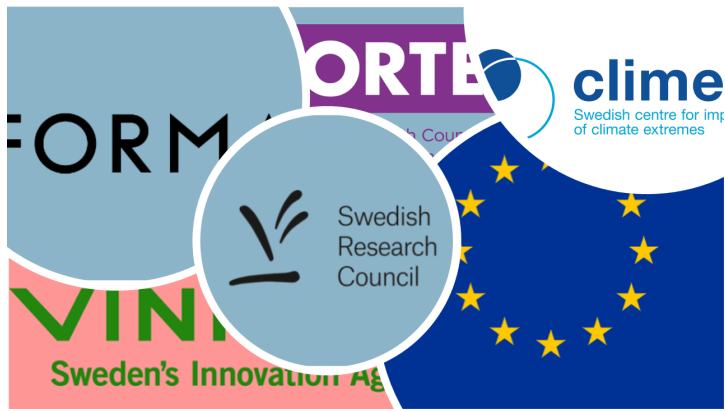
Our publications cover a range of critical topics, from hydrological extremes to the effects of climate change on healthcare systems, shaping the study of climate impacts.

Latest climes-affiliated publication is "**Plural climate storylines to foster just urban futures**" by Maria Rusca et. al. <https://doi.org/10.1038/s42949-024-00100-7>

More info on this and other publications can be found at: climes.se/research.



Related projects



Explore projects related to climes, where our researchers lead innovative initiatives to understand and mitigate climate impacts. From developing advanced climate databases to pioneering ecological monitoring techniques, discover the diverse and groundbreaking work being conducted within climes.

Learn more about these projects at climes.se/relatedprojects.

Highlighted project:

ITHACA: ImmobiliTy in a cHAnging ClimAte

Duration: 2024-2027

Project Lead: Emily Boyd

ITHACA investigates how (im)mobility influences adaptation mechanisms to climate change. By bringing together an international, interdisciplinary team, this project explores the under-researched concept of immobility, offering innovative insights and opening new areas of climate adaptation research. The findings aim to advance our understanding of adaptation strategies in diverse geographic contexts. [Click here](#) to read more.

Climes at Scifest 2024

SciFest is a science festival bringing together researchers, students, and the public for interactive activities and knowledge-sharing on various disciplines. www.scifest.se

Climes participated in SciFest 2024, offering interactive workshops on climate science and sustainability. Activities included rainfall simulations and renewable energy demonstrations, designed to introduce students to key scientific concepts and their applications. Together with The Centre of Natural Hazards and Disaster Science, [CNDS](http://www.cnds.se), climes highlighted the interdisciplinary nature of climate research and its relevance to real-world challenges. The event provided an opportunity to engage with students and the public while sharing research and fostering awareness about climate and sustainability issues. Thank you to all team members and organizers for their contributions to this initiative.



New network



Climate Change AI Nordics

ccainordics.com

Climate Change AI Nordics is a network of researchers from the Nordic countries dedicated to addressing climate change using artificial intelligence (AI) and machine learning (ML). The network focuses on both mitigation—reducing climate change causes—and adaptation—adjusting to its effects.

Climes PI Olof Mogren is one of the initiators of the network.

Through events like the **2025 Nordic Workshop on AI for Climate Change**, the network fosters collaboration and accelerates impactful AI innovations for a sustainable future.

[Click here](#) to learn more and join.



Uppsala Universitet - Institutionen för Geovetenskaper

Villavägen 16, 75366, Uppsala

This email was sent to {{contact.EMAIL}}
You've received this email because you are subscribed to our newsletter.

[Unsubscribe](#)

