

Climes' third newsletter

January - Juni 2025



Welcome

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.

As 2025 unfolds, climes continues to expand its interdisciplinary research, partnerships, and outreach on the impacts of climate extremes. In this third edition of the newsletter, we highlight the exciting initiatives arranged by climes so far this year, including the Nordic Workshop on AI for Climate Change and a citizen science project run in collaboration with almost 250 schools across Sweden. We also share some exciting upcoming training and scientific opportunities, so read on!

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



Climate Impacts in a Changing World 2026

9–11 March 2026 | Uppsala, Sweden

An international conference hosted by climes, co-organized with FutureMed, the Earth System Governance Project, and TRANSCEND.

Abstract submission: 29 Sept – 7 Nov 2025.

More information will soon be posted on www.climes.se



Congratulations!



Gabriele Messori appointed Chair of Sveriges Unga Akademi

Climes Director Gabriele Messori has been appointed Chair of **Sveriges unga akademi (Young Academy of Sweden)** for 2025–2026. In his role, Gabriele advocates for stronger protection for academic freedom in Sweden, and tighter links between science, policy, and society.

On 23 October 2025, he will speak at Unga Akademics Dag in Stockholm, contributing to discussions on the role of research for building bridges in a divided world.

[Read more](#)



Emily Boyd Appointed Director of The Beijer Institute

Emily Boyd, climes co-Director at Lund University, has been appointed Director of the **Beijer Institute of Ecological Economics** at the Royal Swedish Academy of Sciences. This prestigious role further strengthens climes' interdisciplinary research at the science-policy interface.

[Read more](#)



Major Milestone: Climes Doctoral Network Receives EU Grant

We are pleased to announce that climes has received funding from the European Commission's Marie Skłodowska-Curie Programme for a new **Doctoral Network (DN)**, set to launch in 2026. The DN will train a new generation of interdisciplinary researchers on climate extremes, societal impacts, health, and AI. The network will combine academic research, complementary skills training, and intersectoral and international collaboration. This is a significant step positioning climes at the forefront of European research training.

[Read more](#)



Scientific Events & Highlights

Swedish Research Council's Excellence Centers Network Meeting

In early June 2025, climes hosted the **Swedish Research Council's Excellence Centers Network Meeting**. The meeting brought together coordinators from 15 excellence centers across Sweden and national and international guests to share experiences, discuss outreach strategies, and exchange insights on developing strong research environments.



Climes at EGU 2025

At the **EGU General Assembly 2025** in Vienna, climes researchers actively contributed to multiple sessions:

- Sanja Duvnjak Žarković presented her work on *Climate Extremes and Power Systems* at a press conference on climate and energy. [Watch here](#).

Gabriele Messori and Elena Raffetti co-convened sessions on climate extremes, population health, emerging data sources, and AI-driven forecasting.



Recent climes Seminars and Webinars

2 June 2025 — *Kim van Daalen*: Lancet Countdown Europe, Unprecedented Warming Demands Unprecedented Action (joint with Department of Global Public Health/Karolinska Institutet).

8 May 2025 — *Frank Biermann*: The politics of solar geoengineering.

24 April 2025 — *Blanca P. Castillo and Isabel Walter*: Socioeconomic inequalities in cardiovascular risk (joint with Department of Global Public Health/Karolinska Institutet).

19 March 2025 — *Axel Sundström*: Climate extremes and political representation in South Africa (joint with Department of Peace and Conflict Research/Uppsala University)

6 February 2025 — *Antonio Gasparrini*: Global health-climate research collaboration (joint with Department of Global Public Health/Karolinska Institutet).

[More info on climes' events](#)

 climes Swedish centre for impacts of climate extremes	For more info and registration visit: www.climes.se/events	2 June 2025 15.00-16.00 (CEST) Online
 Webinar Moderators: Elena Raffetti Edoardo Pavoni In collaboration with:  Karolinska Institutet		Unprecedented Warming Demands Unprecedented Action: Lancet Countdown 2024 report Kim van Daalen University of Cambridge   

Graduate School

Summer School 2025

In June, climes successfully held its interdisciplinary **Summer School 2025** at Uppsala University, covering topics such as climate extremes, public health, AI applications, and socio-environmental scenario building.

[Read more](#)



Upcoming Short Course on AI for Environmental Data

17–18 September 2025

A two-day hands-on course for early-career researchers focusing on AI methods for processing environmental data, including LLMs and climate-related applications.



Upcoming Workshop on Population Health and Climate Extremes

1–2 October 2025

A workshop on epidemiological and biostatistical methods for studying population health impacts of climate extremes.



New Master's Course: Climate Change Impacts, Adaptation and Vulnerability

The course has been developed at Lund University and is taught by climate co-Director Emily Boyd. In this course, students will explore climate adaptation, risk, vulnerability, and justice, using interdisciplinary frameworks and real-world cases. The course is part of the new LUCAS Master's Programme in Climate Change and Society.

[Read more](#)



LUCSUS

CENTRE FOR SUSTAINABILITY
STUDIES

Outreach & Stakeholder Engagement

Upcoming: SciFest 2025

After last year's success, Climes is returning to **SciFest** in 2025, hoping to engage students with interactive demonstrations on extreme weather, renewable energy, and climate resilience. The team consists of doctoral and postdoctoral researchers, eager to share their expertise with youth.

[Read more](#)



Ongoing: Kallt och Svettigt, A Citizen Science Project

Kallt och Svettigt is a nationwide citizen science project led by climes co-Director Elena Raffetti and Director Gabriele Messori. It engages Swedish school students (ages 10–15) to measure local temperatures and interview adults on thermal comfort, helping researchers understand how the built environment affects outdoor temperatures at local scale. Almost 250 school classes have signed up to *Kallt och Svettigt*, and have received 400 electronic thermometers to be used during the project.

[Read more](#)



Almedalsveckan 2025

At this year's Almedalsveckan in Visby, climes organised the seminar "*Extremväder här för att stanna – hur påverkas Sverige?*" (Extreme weather is here to stay – how is Sweden affected?), focusing on local preparedness and adaptation. The panel brought together voices from science, policy, insurance, and urban development, with speakers including Gabriele Messori, Uppsala University; Mikael Karlsson, Uppsala University; Christofer Laurell, Länsförsäkringars Forskningsstiftelse; Peder Hallkvist, Örebro Municipality; Maria Ivansson, Klimatkommunerna; and Ulrika Lundberg, Luleå Municipality.

[Read more](#)



Nordic Workshop on AI for Climate Change

Climes has partnered with **Climate AI Nordics**, a network for all those interested in climate-related AI applications and working or living in the Nordics.

In May 2025, climes co-organised the **Nordic Workshop on AI for Climate Change** in Gothenburg. This one-day event gathered over 60 researchers from across the Nordic countries to explore how artificial intelligence can advance climate adaptation, biodiversity conservation, and the green transition. The workshop showcased cutting-edge applications of AI and fostered new collaborations across disciplines.

[Read more](#)



+ Join Us on LinkedIn. ~2000

Our LinkedIn page is heading on to have 2K followers. Please make sure to follow to get updates instantly.

[Go to: LinkedIn.](#)



Staff updates

New Team Member: Alicia N'Guetta

We are pleased to welcome **Alicia N'Guetta** (LUCSUS, Lund University) to the climes team. Alicia's research focuses on climate loss and damage, vulnerability, resilience, and justice in adaptation governance.

[Read more about Alicia](#)



🍌 We are hiring!

Lund University Centre for Sustainability Studies (LUCSUS) is recruiting a postdoctoral researcher to join climes, focusing on the social justice dimensions of climate extremes. This two-year position offers an opportunity to engage in interdisciplinary research on loss and damage, legal mobilisation, environmental justice, climate storylines, and socio-legal approaches to adaptation—especially in coastal and urban communities affected by heatwaves, sea-level rise, and slow-onset events. The role is based at Lund University, with a flexible start date in Autumn 2025.

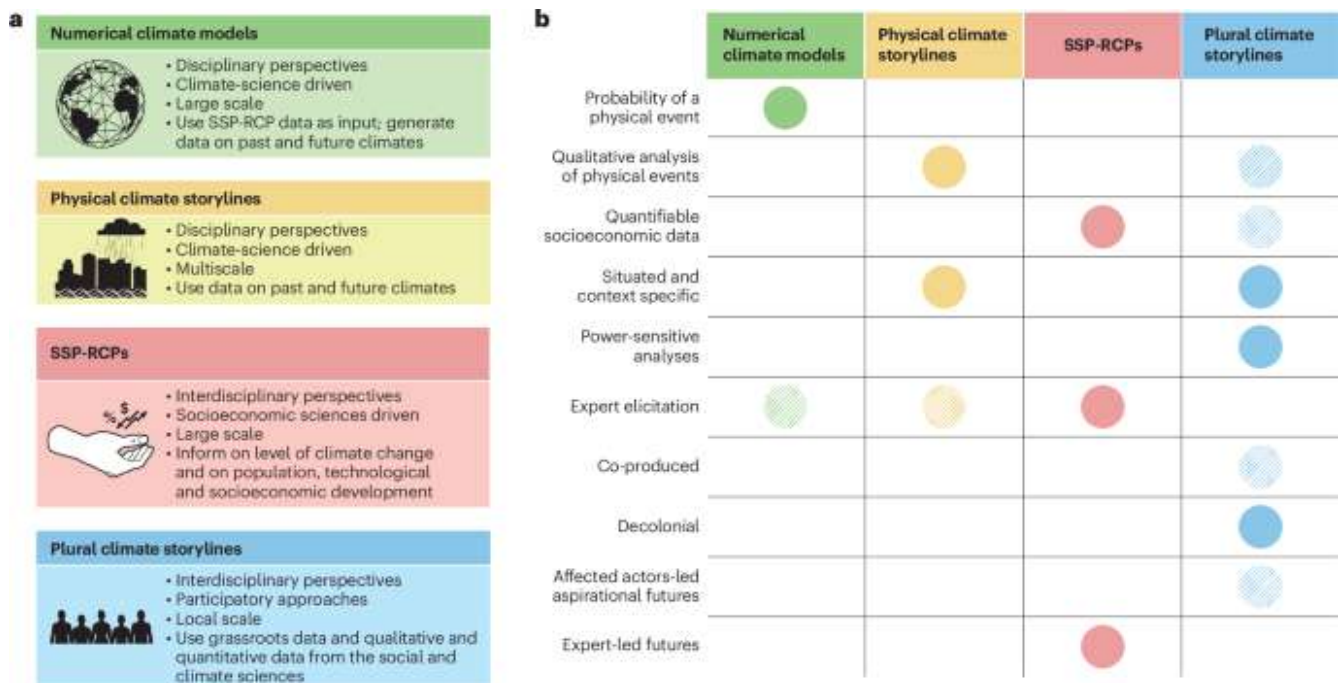
The application deadline is 28 July 2025.

[See full details and apply here.](#)

For questions, contact Emily Boyd (emily.boyd@lucsus.lu.se) or Natalie Nyman (natalie.nyman@sam.lu.se).



Publications



Recent climes-affiliated publications:

- *Loss and damage in tropical fisheries: a systematic review of people, climate, and fisheries*
Regional Environmental Change — Emily Boyd, Alicia N'Guetta
[Read more](#)
- *How good is my drought index?*
Environmental Research Letters — Gabriele Messori
[Read more](#)
- *Global mapping of concurrent hazards and impacts associated with climate extremes*
Earth's Future — Gabriele Messori
[Read more](#)
- *El Niño and droughts in Southeast Asia*
Physical Review E — Gabriele Messori
[Read more](#)
- *CLIMK-WINDS: A New Database of Extreme European Winter Windstorms* (Preprint)
Earth System Science Data — Clare M. Flynn, Gabriele Messori
[Read more](#)
- *Assessing climate change impacts on March 2024 compound floods and Saharan dust outbreak in Europe*
Journal of Geophysical Research: Atmospheres — Gabriele Messori
[Read more](#)
- *Towards CS4L&D: Advancing climate services for loss and damage*
Climate Services — Murray Scown, Emily Boyd
[Read more](#)

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:



ClimTip: Quantifying climate tipping points and their impacts

Duration: 2024-2029

Project Lead: Niklas Boers

Co-PI and Workstream Lead: Gabriele Messori*

This EU-funded project brings together a global consortium of 22 partners from 12 countries to investigate large-scale climate tipping points. Focusing on elements such as the Amazon rainforest, Atlantic overturning circulation, and polar ice sheets, ClimTip aims to quantify risks, predict events with improved Earth system models, and develop early warning systems. The project will provide critical insights to guide mitigation and adaptation strategies for a more sustainable future. [Click here](#) to read more.