

CLIMATE TIPPING POINTS

RISKS AND IMPACTS

2 June, 2026
17.00-19.00

The Black Diamond
Copenhagen

The TipESM project and the National Centre for Climate Research (NCKF at DMI) invite for an outreach event on the latest tipping point science. Leading climate researchers will share key findings on tipping point mechanisms and connections, the risks they pose, and their potential impacts on society and ecosystems. The event will include discussions on the Atlantic Meridional Overturning Circulation (AMOC), ice sheet melt, and other tipping points. Scientific presentations will be followed by a Q&A and an opportunity to network with researchers and fellow participants.



Shuting
Yang

DMI



Torben
Koenigk

SMHI



Didier
Swingedouw

CNRS



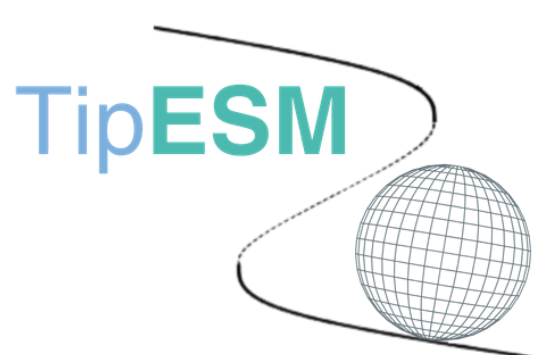
Andrew
Hartley

UK Met Office



Adrian
Lema

DMI



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17:00 – 17:05

Welcome

Adrian Lema (DMI), Director at National Center for Climate Research (NCKF)

17:05 – 17:15

Tipping Points in a Danish Context

Shuting Yang (DMI)

Why are we concerned about climate tipping points?

Shuting Yang is a senior climate scientist at DMI, project coordinator of the TipESM project, and an IPCC lead author. Her work focuses on Earth System modeling and simulations to understand risks for abrupt changes in the climate system.

17:15 – 17:25

Tipping Point Mechanisms

Torben Koenigk (SMHI)

What are tipping points and how are they connected?

Torben Koenigk is heading the global climate modelling group at SMHI and works with coupled global models, analysis of climate processes and climate change with particular focus on the Arctic and North Atlantic Ocean.

17:25 – 17:35

Tipping Point Risks

Didier Swingedouw (CNRS)

What is the likelihood of the Atlantic Meridional Overturning Circulation (AMOC) and Subpolar Gyre (SPG) tipping?

Didier Swingedouw studies climate dynamics with a particular interest in the North Atlantic region and the AMOC. His work is driven by a commitment to improving our understanding and prediction of tipping points to better prepare society for future climate challenges.

17:35 – 17:45

Tipping Point Impacts

Andrew Hartley (UK MET Office)

What are the impacts of tipping points for society and ecosystems?

Andy Hartley analyses the risks of climate change, supporting adaptation efforts of governments, businesses, and NGOs. He adopts a multi-disciplinary approach to risk analysis, applied to, e.g., global sea-level rise hazards or local vulnerabilities related to flooding or vegetation fires.

17:45 – 18:30

Panel conversation and Q&A

Shuting Yang (DMI), Camilla Mathison (UK MET Office), Didier Swingedouw (CNRS), and Torben Koenigk (SMHI)

18:30 – 19:00

Networking

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