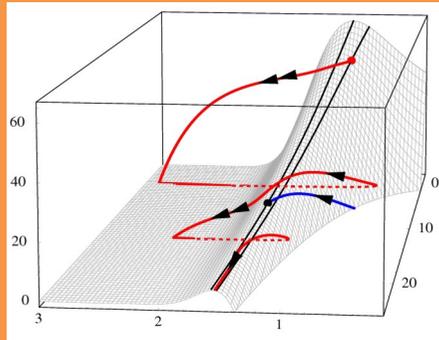


## About CliMathNet

CliMathNet is a network that brings together Climate Scientists, Mathematicians and Statisticians to answer the key questions around Climate modelling. This is an area of science that ranges from numerical weather prediction to the science underpinning the Intergovernmental Panel for Climate Change (IPCC) assessment reports.



## Network Activities

**For School and public** We have developed lesson plans and presentations about the role of mathematics and statistics in climate modelling and prediction.

**For Researchers** Funding is available to facilitate Hot topic workshops, Staff exchanges and links with NSF international collaborations.

**For Policymakers** We run policy meetings to help steer community efforts towards themes and questions of policy relevance. We also work with policymakers on specific issues that can benefit from input from CliMathNet members.

### How to get involved

We welcome members from academic staff, researchers, PhD students, policymakers, and those who are interested in contributing to the aims of this network.

For more information, please see the website [www.climathnet.org](http://www.climathnet.org)

*Picture credits: J Vanneste, S. Wiczorek, P. Challenor.*

## About us

CliMathNet members are researchers working on problems relevant to the future of Climate Science, and policymakers. We have over 110 members in the network representing over 25 UK universities and research institutes and several policy organisations.



Our project partners are UK Government-funded and research institutes, and international scientific networks on related areas. Please contact us if you would be interested to become a project partner.

This project is managed by Dr Emily Paremain and led by Prof Peter Ashwin at the University of Exeter and Prof Chris Budd at the University of Bath. They are assisted by Prof Peter Cox, Prof Peter Challenor and Prof Sebastian Wiczorek.

Our scientific advisory board consists of representatives from our Project Partners. We are supported by a research grant from the UK Engineering and Physical Sciences Research Council as part of the cross-council Living with Environmental Change programme.

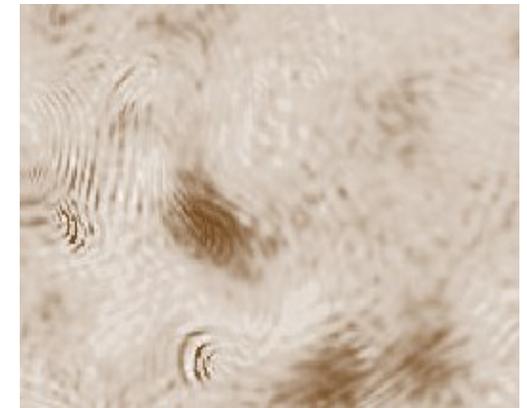
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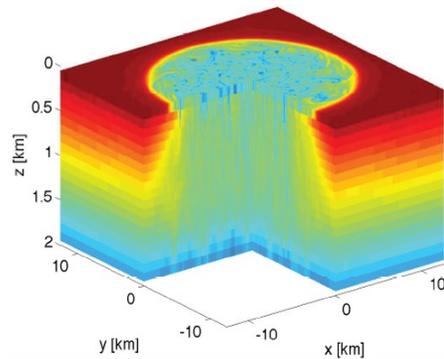
## Mathematics for Climate Network



[www.climathnet.org](http://www.climathnet.org)



## Mathematics, Statistics and Climate Science



Mathematics and Statistics lie at the heart of our ability to model and predict climatic variations. We aim to break down barriers between researchers in the Mathematical Sciences and those in Climate Sciences. Members of this academic network are working on a range of novel mathematical techniques to approach some of the most challenging questions in Climate Science.

In addition to the academic network, we aim to provide resources for interested parties, from policymakers to school pupils, to show how Mathematics, Statistics and Climate Science interact and to focus our efforts on producing science in this area that will be of high importance in solving some of society's most pressing questions.



## CliMathNet Annual Conference

14th—18th July 2014, University of Leeds



[www.climathnet.org/conference2014/](http://www.climathnet.org/conference2014/)

The 2014 Conference will address key aims of CliMathNet, including:

- Understanding the Climate System
- Quantifying Uncertainty in Climate Models
- Forecasting Extreme Events
- Novel Mathematical & Statistical Techniques with Application in Climate Sciences

Confirmed plenary speakers include:

Brian Hoskins (Imperial College and Reading)

Doug Maraun (GEOMAR, Kiel)

Tim Palmer (Oxford)

Ted Shepherd (Reading)

Jonathan Tawn (Lancaster)

Claudia Tebaldi (Climate Central and NCAR)

John Thuburn (Exeter)

Laure Zanna (Oxford)

Mary Lou Zeeman (Bowdoin)

Please see the website to register and for details on how to submit abstracts

[www.climathnet.org/conference2014/](http://www.climathnet.org/conference2014/)

The CliMathNet member early bird rate is available until 8th June 2014.

## Network Aims

- To break down barriers between mathematical scientists and climate scientists and ensure that mathematical scientists are working alongside climate scientists to address both nationally and internationally important climate modelling issues.
- To generate the research questions in the mathematical sciences needed to address outstanding problems in climate modelling in ways that are informed by, and that inform, policy making.
- To provide high quality information to the wider public on the role of mathematical sciences in the climate change debate.

## Network Themes

1. Improving Climate Models
2. Improving Climate Reconstructions
3. Initialising Climate Projections
4. Quantifying Uncertainty in Ensembles of Climate Models
5. Forecasting Tipping Points
6. Comprehensive Climate Risk Analysis



We are associated with several international networks and with "Maths for Planet Earth". This is a UNESCO-supported international initiative to highlight the challenges facing our planet

where the mathematical sciences play a central role in the scientific effort to understand and to deal with these challenges.

