



RMetsS Climate Change Forum
Thursday 20th October 2022, London, UK

Through the United Nations, Governments have committed to holding global warming to less than 2°C above pre-industrial levels and will make efforts to keep the rise to below 1.5°C. The recent Sixth Assessment Report of the IPCC makes it clear that to achieve this goal, net global greenhouse gas emissions need to fall to zero by 2050. What does this mean in practice? Are we on track to reach net zero by 2050? If not, what more needs to be done? It is clear from recent weather events that we need to improve our resilience to climate change through more effective adaptation strategies – but where should our priorities lie?

To address these challenges, the Royal Meteorological Society is holding a Climate Forum on Thursday, 20 October 2022, at the Coin Street Conference Centre, London. The morning session will focus on planned mitigation and adaptation actions and consider what more is needed, particularly in the UK, looking at three key sectors – food, buildings, and transport. It will draw on the IPCC's Sixth Assessment Report exploring a 2050 vision for climate change and our responses to it.

The afternoon's interactive sessions will allow attendees to contribute their views on these three sectors' near-term priorities and actions to help the UK achieve net zero and climate resilience by 2050. The Society will use the messages from this session to inform decision-makers, so it is a significant opportunity to let your voice be heard.

Programme

09.00 Registrations

09.30 **Conference Welcome**

09.35 **Keynote Address: Latest on Climate Change: Overview of the IPCC's 6th Assessment Report**

Prof Jim Skea, Professor of Sustainable Energy, Imperial College London and IPCC Working Group III Co-Chair

Climate Change in the UK by 2050

10.05 **Climate Risks and Adaptation Planning**

Dr Swenja Surminski, Managing Director Climate and Sustainability at Marsh McLennan, Chair of the Munich Climate Insurance Initiative and a member of the UK's Committee on Climate Change - Adaptation Committee. She also holds a research post at the Grantham Research Institute on Climate Change and the Environment, part of the London School of Economics and Political Science (LSE).

10.30 **Net Zero Planning**

Jonathan Hoare, Deputy Director – Net Zero Strategy Directorate, BEIS

10.55 Refreshments and Networking

Sectoral Visions for 2050

11.25 **What Does Climate Change mean for the UK Food System?**

Dr Pete Falloon, Climate Service Lead – Food, Farming & Natural Environment, Met Office

11.45 **Transport - Adaptation and Mitigation**

Prof Jillian Anable, Chair in Transport and Energy, University of Leeds

12.05 **Climate Change and the Built Environment**



Dr Alice Moncaster, Senior Lecturer in Sustainable Built Environment, Open University

12.25 Panel Discussion

12.45 Introduction to the breakout sessions

13.00 Lunch and Poster Session

14.00 **Parallel breakout sessions**

Breakout 1: A Vision for Food in 2050	Breakout 2: A Vision for Transport in 2050	Breakout 3: A Vision for Buildings in 2050
<p>Stephen French, Scientific Policy Director, IFST</p> <p>Christian Reynolds</p> <p>Louise Manning, Professor of Sustainable Agri-food Systems, Lincoln Institute for Agri-food Technology (LIAT), University of Lincoln.</p> <p>Pete Smith, Professor of Soils & Global Change, University of Aberdeen</p> <p><i>Supported by</i></p> 	<p>Siobhan Campbell, Head of Science, Innovation and Technology (SciTech) Division, Deputy Chief Scientific Adviser, Department for Transport</p> <p>Saikat Barman, Deputy Head of Profession, Highways, WSP</p> <p>Rowland Potter</p> <p>Andrew Cruddington, Climate Change Associate, Chartered Institution of Highways & Transportation</p> <p>James Woodcock, Cambridge University</p> <p><i>Supported by CIHT</i></p> 	<p>Dr Victoria Tink, Building Environmental Scientist, Department for Levelling Up, Housing and Communities</p> <p>Dr Ronita Bardhan, Associate Professor of Sustainable Built Environment, University of Cambridge</p> <p>Dr Rachel Capon, UK Concrete, Sustainability Programme Coordinator, Mineral Products Association</p>

15.30 Refreshments and Networking

16.00 Breakout Chairs report back to plenary

16.55 Closing address

17.00 Close of Conference

Please visit <https://www.rmets.org/event/climate-change-forum-2022-vision-2050-and-implications-action> to register.