



1st RMetsS Climate Change Forum

Risks and Resilience: Emerging challenges in a post Paris agreement

PROGRAMME				
10.00	Registration and Refreshments			
10.25	Welcome			
10:30	Climate Evidence Needs of the UK Society and Government <i>Representatives of government, business and research highlight key emerging requirements for scientific evidence to guide the responses to climate change.</i> Chair: David Warrilow, RMetsS President			
	Keynote Speakers followed by Panel Discussion			
12.30	Lunch and Poster Session <i>Exchanging knowledge from within the UK climate research community including recent highlights. Posters serve as a snapshot of what is going on in the UK now based around the themes of the round table sessions</i>			
14.00	Round Table Discussions Part 1: Interdisciplinary Science Challenges <i>Parallel round table discussions on hot topics and emerging science challenges to push forward</i>			
	Risks of Weather and Climate Extremes	Risks of Sea Level Rise	Water Cycle Risks	Global Climate Response
15.15	Networking Refreshments and Poster Session <i>Prize awarded to best student poster.</i>			
15.45	Round Table Discussions Part 2: Science Communication and Support to the Community <i>Parallel round table discussions broader science challenges including communication to different sectors and supporting the community of climate scientists</i>			
	Public Outreach - Making Science Relevant	Improving the Science Policy Dialogue	Science in Industry	Supporting Young Scientists
17.00	Closing Remarks			
17:05 to 18:00	Drinks Reception and Poster Session			

*Programme subject to change

Round Table Descriptions

Part 1

1.1 Risks of Weather and Climate Extremes:

Weather and climate extremes are anticipated to shift in the future, which has impacts on environment and society. This round table will discuss the emerging science questions driven by the needs of decision- and policy makers.

1.2 Risks of Sea Level Rise:

About 40% of the global population lives within 100 km of the coast. Thus, sea level rise poses a serious threat to society. Assessing the impacts of sea level rise from global to regional scales is an interdisciplinary research challenge, which we are going to address at this round table.

1.3 Water Cycle Risks:

Climate change leads to changes in the water cycle, which varies across geographic regions. On one hand, intense rainfall events increase the risk of flooding. On the other hand, a rise in temperatures and evaporation increase the risk of droughts. This round table addresses this key challenge from an interdisciplinary perspective.

1.4 Global Climate Response:

Climate change as a global issue requires global action. This round table will discuss science challenges related to the two key actions adaptation and mitigation. Adaptation actions include actions to adjust to the changes and to minimise negative impacts. Mitigation actions target the root of the problem by reducing greenhouse gas emissions.

Part 2

2.1 Public Outreach - Making Science Relevant:

What challenges do (climate) scientists face when reaching out to the public? What are the most effective ways to communicate climate change? What formats are needed to address all members of the public? What does the public actually enquire to know about climate change? We want to discuss these questions at our round table and find out whether and how the Society can offer support to the Community.

2.2 Improving the Science Policy Dialogue:

Putting science into practice requires an effective dialogue between scientists and decision makers. This round table is going to reflect on both perspectives, what is required from a policy perspective on one side and what researchers can offer on the other side.

2.3 Science in Industry (suggested renaming: Finance and Business)

The world is transitioning to a low carbon economy posing both opportunities and challenges for businesses. This round table explores these opportunities and risks, the role of science in innovation and development and opportunities for climate scientists to get involved.

2.4 Supporting Young Scientists

The next generation of scientists is facing a lot of challenges - funding, job insecurity, career development inside and outside academia, work life balance or family life. We want to bring these challenges to this round table, work on solutions and explore how the Society can help in addressing them.