



I'm a Meteorologist

Presidential Address – One Atmosphere



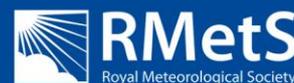
David Warrilow OBE, FRMetS
President, Royal Meteorological Society

ABSTRACT | Taking the theme of “One Atmosphere” I will consider the role of the Royal Met Society and the challenges of covering the diverse aspects of meteorology and presenting it to a wider public. I will consider the dependence of humanity on the atmosphere and the threats that come from misusing such a vital resource. Finally, I will review the mechanisms in place to protect the atmosphere and including possible developments such as the introduction of a Law of the Atmosphere.

BIOGRAPHY | David Warrilow was a senior government science advisor and international negotiator on climate change and environmental issues, such as ozone depletion and air pollution. He led the UK delegations to the Intergovernmental Panel on Climate Change (IPCC) for over 20 years and was a lead negotiator for the EU on the scientific issues covered in the United Nations Framework Convention on Climate Change (UNFCCC). He managed a significant research programme at the Department of Energy and Climate Change providing underpinning scientific evidence and analysis of climate change, energy and ozone depletion in support of the UK’s domestic and international policies. Communicating the science of climate change to non-specialists has been a key aspect of his career. Prior to this he undertook research at the Met Office on the development of observing systems, hydrometeorology and flood design, and climate modelling of land surface process. Since retiring from the civil service in January 2016 David has undertaken several speaking engagements on the scientific background to the Paris Climate Agreement and on the use of science to support policy. He now leads the Royal Meteorological Society’s Special Interest Group on Climate Science.

1st RMets Climate Change Forum

Risks and Resilience: Emerging challenges in a post Paris world



Coin Street Conference Centre, London - Tuesday 4th June 2019

www.rmets.org/climatechangeforum

#RMetsClimate

Panel Discussion - Thinking Meteorologically in a Changing World

Weather and climate affects us all and will have a greater impact on us in the future. Meteorologists working in multidisciplinary roles and across different sectors will explore the significance of weather and climate in a changing world.



Andrew Charlton - Perez
University of Reading

BIOGRAPHY | Andrew Charlton-Perez is Professor of Meteorology and Head of Department for External Affairs at the University of Reading. His research focuses on Stratospheric Dynamics and Predictability but he is also interested in research on the communication of weather forecasts on all timescales and on the impacts of cold weather in the UK and elsewhere. He has been an academic at the University of Reading since 2006 and prior to that was a post-doctoral researcher at the University of Reading, Columbia University in New York and Northwest Research Associates in Bellevue, Washington State. He is the co-lead of the joint WCRP-SPARC and WWRP-S2S project SNAP which helps to further research on stratospheric predictability internationally. In addition to his meteorological research interests, Prof. Charlton-Perez is also interested in developing new methods for teaching in Meteorology and researching their effectiveness and a revitalised curriculum for meteorological education and training. He is a Senior Fellow of the Higher Education Academy and a University of Reading Teaching Fellow. Together with colleagues at the University of Reading, he is interested in developing international education in Meteorology through the WMO Global Campus initiative and partnerships with the Met Office college and other Universities.



Isla Finney
Lake Street Consulting

BIOGRAPHY | Dr Isla Finney applies her meteorological knowledge to real world challenges in the commercial sector. A postdoctoral fellowship in the States was a wonderful research opportunity, then weather took a back seat whilst moving to the commercial sector. Missing weather, she found a role as a meteorologist in the City in 2004, went on to trade weather-based energy strategies for a hedge fund, then founded Lake Street Consulting Ltd in 2014. The company's aim is to help more organisations use weather data to improve their business. Current projects span renewable energy generation in Europe, farmers in Oxfordshire and vineyards in Europe, with timescales varying from within day to climate change impacts in the years to come. Isla is a Fellow of the Royal Meteorological Society, and resides near Oxford.



Becky Hemingway
BEIS

BIOGRAPHY | Becky is a senior policy advisor in the EU Exit Civil Contingencies team, part of Energy Resilience and Emergency Response, in BEIS. She joined BEIS in January 2019 and her work focuses on working with the energy sector to prepare for EU Exit. Prior to this she worked at the Met Office for 6.5 years where she was a Weather Impact Scientist, BEIS Strategic Relationship Manger, Natural Hazards Coordinator and Innovation and Application Lead. During this time she worked with the Natural Hazards Partnership researching and developing Hazard Impact Models and investigating the communication of weather impacts. Becky is also co-Editor-in-Chief of Atmospheric Science Letters and enjoys participating in STEM activities. She achieved a Masters degree in Oceanography from Southampton University and the University of Washington in Seattle in 2012.



Geoffrey Saville
Willis Towers Watson

BIOGRAPHY | Geoff joined Willis Towers Watson in 2013, and works with the Willis Research Network stakeholders and academic partners to match business needs to the latest in scientific research, and derive tangible outputs for Willis Towers Watson to help its clients and advance the understanding of risk from weather and climate related hazards. His background is in meteorology and climate science, having worked in weather forecasting for over a decade for the UK Met Office and Bermuda Weather Service, in all aspects of delivering forecast services from media broadcasting to delivering warnings and actionable guidance on extreme weather phenomena such as tropical cyclones and heavy rainfall leading to flooding. He holds a BSc in Environmental Science from the University of East Anglia, and a Masters (with distinction) in Climate Change from University College London.