

Handling uncertainty in weather and climate prediction, with application to health, agronomy, hydrology, energy and economics

Thursday 4 – Friday 5 October 2012; Organised by Professor Tim Palmer FRS

THE
ROYAL
SOCIETY

DAY 1				DAY 2			
SESSION 1 Chair: Professor Judy Curry		SESSION 2		SESSION 3		SESSION 4	
09.00	Welcome by Royal Society & organiser	Chair: Professor Peter Webster		Chair: Professor Paul Hardaker		Chair: Professor Leonard Smith	
09.05	Uncertainty in weather and climate prediction: some introductory remarks Professor Tim Palmer FRS	13.30	Weather prediction and hydrology Dr Florian Pappenberger	09.00	Using or refusing uncertainty information in energy applications Dr Renate Hagedorn	13.25	Uncertainty and understanding: Some approaches for making climate science useful Ms Emma Visman
09.30	Discussion	13.55	Discussion	09.25	Discussion	13.50	Discussion
09.40	Ensemble prediction of weather and its impact Mr Ken Mylne	14.05	Weathering the drought: Building resilience in the face of uncertainty Dr Rosalind Cornforth	09.35	Climate forecasting and health Dr Andy Morse	14.00	An '80% chance of confusion', or can the public make use of probabilistic weather forecasts Liz Stephens
10.05	Discussion	14.30	Discussion	10.00	Discussion	14.25	Discussion
10.15	Sustainability through hazard anticipation and mitigation Professor Peter Webster and Dr Jeremy Hess	14.40	Climate and food: adapting in the face of uncertainty Professor Andy Challinor	10.10	Climate models: fit for what purpose? Professor Judy Curry	14.35	Weather forecasting at the BBC Liz Howell
10.40	Discussion	15.05	Discussion	10.35	Discussion	15.00	Discussion
10.50	Coffee	15.15	Tea	10.45	Coffee	15.10	Tea
11.20	Communicating forecast uncertainty Mr Arjunapermal Subbiah	15.45	The value of probabilistic weather forecasts to the commodity markets Dr Warwick Norton	11.15	Climate adaptation: learning to live with uncertainty Professor Suraje Dessai	15.40	Sense about science: making sense of uncertainty Professor Paul Hardaker and Tracey Brown
11.45	Discussion	16.10	Discussion	11.40	Discussion	16.05	Discussion
11.55	Probabilistic predictions without probabilities Professor Leonard Smith	16.20	Weather forecasts and macroeconomic forecasts: a comparative study Dr Reason Machete	11.50	Climate science and the humanitarian sector Professor Dominic Kniveton	16.15	Final discussion
12.20	Discussion	16.45	Discussion	12.15	Discussion		
12.30	LUNCH	16.55	CLOSE	12.25	LUNCH	16.50	CLOSE