



Fifth Distinguished Ogura Lecture in 2025
日本気象学会第五回小倉特別講義

Initialised Climate Forecasts: Predictability, Mechanisms and Puzzles

Prof. Adam Scaife

Principal Fellow and Head of Monthly to Decadal Prediction,

Met Office Hadley Centre, UK

Professor, Faculty of Environment, Science and Economy,

University of Exeter, UK



Date: 5 November (Web), 2025 afternoon (90min; the time will be noticed)

(Second day of the 2025 MSJ Fall meeting)

Place: Fukuoka International Convention Center

Lecturer profile: Please see the back

Remarks: The lecture will be given in English (free for attendance). Please consider joining an associated MSJ session on ‘Seasonal to decadal climate predictability and the role of the middle atmosphere’ on the next day.

Prof. Adam Scaife

Prof. Scaife studied Physics at Cambridge University, Environmental Science at Surrey University and received his Ph.D. in Meteorology from the University of Reading in the UK. He has worked at the UK Met Office for over 30 years on climate dynamics, climate predictability and development of the Hadley Centre climate model and is Professor in Applied Mathematics at the University of Exeter. He has published over 300 peer reviewed articles on climate variability, simulation and prediction and is recognised internationally as a highly cited researcher. Many of his studies have addressed issues in weather and climate predictability at sub-seasonal to decadal time scales. He now leads teams of scientists at the Met Office Hadley Centre for Climate Prediction and Research and leads the research and production of their monthly, seasonal and decadal predictions.



Prof. Scaife and his team have recently demonstrated significant predictability of the surface North Atlantic Oscillation and winter weather in the wider region that originates in the tropics and the stratosphere. They also uncovered the paradox that current climate models are better at predicting the real world than they are at predicting themselves, now known as the 'signal-to-noise paradox'.

Prof. Scaife was Co-chair of the World Meteorological Organisation's Working Group on Seasonal to Interannual Prediction (WGSIP) and the WCRP Grand Challenge on Near Term Climate Prediction. He has received numerous awards including Edward Appleton Medal of the Institute of Physics and the Buchan Prize of the Royal Meteorological Society. He is often involved in communicating climate science to the public.

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Scaife, A. A., et al., 2014: Geophys. Res. Lett., 41, 2514–2519, doi:10.1002/2014GL059637