



Australian Government
Australian Research Council

2010 Australian
Laureate Fellows

Professor Matthew England

Future risks associated with ocean surface warming: impacts on climate, rainfall, carbon, and circulation

Current Organisation:	The University of New South Wales
Administering Organisation:	The University of New South Wales
Primary research field:	Oceanography
National Research Priority:	An Environmentally Sustainable Australia

Professor Matthew England is a current Australian Research Council Federation Fellow and joint Director of the Climate Change Research Centre at The University of New South Wales. He is an expert in the ocean's role in the global climate system, climate change, and large-scale climate dynamics.

Professor England's project aims to improve our preparedness for climate change by better quantifying the risk that ocean warming will transform Australia's climate, rainfall, and sea level; as well as the ocean's uptake of carbon and the global ocean circulation. This will ultimately benefit sectors including agriculture, water management, fisheries and tourism.

Professor England obtained his PhD in physical oceanography and climate modelling from The University of Sydney in 1992. Professor England has held research appointments at the French National Center for Scientific Research (CNRS) and at CSIRO Marine and Atmospheric Research. Professor England has published articles in the *Journal of Climate*, *Reviews of Geophysics*, *Journal of Physical Oceanography*, *Proceedings of the National Academy of Sciences*, and *Climate Dynamics*.

Professor England has won a number of awards including two Eureka Prizes, the Australian Academy of Science Frederick White Prize, the Royal Society of Victoria Research Medal, the AMOS Priestley Medal and a Fulbright Scholarship. He is currently co-chair of the World Climate Research Programme Southern Ocean regional panel and a member of its Drought Prediction Expert Group.

Media contacts

For project information contact Australian Laureate Fellow
Professor Matthew England—0425 264 485

For *Australian Laureate Fellowships* scheme information contact Sheena Ireland—
0412 623 056