

PROFESSOR OVE HOEGH-GULDBERG

Great Barrier Reef Foundation, International Science Advisory Committee

Professor Ove Hoegh-Guldberg is currently Foundation Professor and Director of the Centre for Marine Studies at The University of Queensland. He has held academic positions at UCLA, Stanford University, The University of Sydney and The University of Queensland and is currently a member of the Australian Climate Group; the Royal Society (London) Marine Advisory Network; and the Board of Editing Reviewers at Science Magazine. He also heads a large research laboratory (over 27 researchers & students) that focuses on how global warming and ocean acidification are affecting and will affect coral reefs now and into the future.

Professor Ove Hoegh-Guldberg completed his BSc Hons at the University of Sydney and PhD at UCLA in 1989, and has spent the past 20 years working on climate change issues within marine ecosystems. He was recognised in 1999 with the Eureka Prize in 1999 for "ground-breaking research into the physiological basis of coral bleaching". His published works include over 160 refereed publications and book chapters. Three of his publications are now the 1st, 4th and 6th most cited works over the past 10 years in the area of "climate change". Two of these papers are also the 1st and 2nd most cited papers over the past 10 years in the area of "coral reefs": 649 (Hoegh-Guldberg 1999) and 426 (Hughes et al. 2003). His recent Science paper in Dec 2007 is now ISI's hottest paper (most cited over the past two years) in the both the area of "climate change" and "ocean acidification" (cited 81 times in <18 months). In 2008, he became a Queensland Smart State Premier's Fellow.

Hoegh-Guldberg is also a regular contributor to the media, with his work over the past 12 months featuring in the ABC (Catalyst), BBC (with Sir David Attenborough) and NBC (with Tom Brokaw), reaching over 15 million people in Australia, the UK and the USA. In his role as Deputy Director of ARC Centre of Excellence for Coral Reef Studies, and as Coordinator for the Australasian Centre for Excellence and Chair of the Bleaching Working Group within the World Bank-Global Environment Facility Coral Reef Targeted Research project. Hoegh-Guldberg interacts with a wide array of national and international scientific networks that focus on the challenges that climate change poses to the health of the world's oceans. He also runs the topical blog site www.climateshifts.org, which is part of his firm commitment to communicating science beyond the walls of universities and academia in general.

In addition to his work as a university academic, Hoegh-Guldberg has been advisor to numerous organisations including the Royal Society (London), Greenpeace, World Fund for Nature, Rio Tinto Alcan, the Great Barrier Reef Foundation, Great Barrier Reef Marine Park Authority, The World Bank, UNESCO Intergovernmental Oceanographic Commission, NOAA and the Australian Government on the issue of coral reefs and climate change.

Professor Hoegh-Guldberg is a member of the Great Barrier Reef Foundation's International Scientific Advisory Committee and has worked closely with the Foundation especially as it moved to elevate the priority of climate change as a focus of its research investment portfolio. He also chairs the Attributes Working Group, tasked by the Committee with identifying and describing the key attributes of a sustainable reef in the face of climate change.