

## **Scott Doney**

Scott Doney's expertise spans oceanography, climate and biogeochemistry, with particular emphasis on the application of numerical models and data analysis methods to global-scale questions. Much of his research focuses on how the global carbon cycle and ocean ecology respond to natural and human-driven climate change. One of his current areas of study is ocean acidification due to the invasion into the ocean of carbon dioxide and other chemicals from fossil fuel burning. He is the author of nearly 300 peer-reviewed research publications and co-author of a textbook on data analysis and modeling methods for the marine sciences. He is regularly called on as a source for stories on climate change and ocean acidification by mainstream media outlets, and he has testified before the U.S. Congress on the issue.

Doney was the inaugural chair of the U.S. Ocean Carbon and Biogeochemistry (OCB) Program, a convening lead author for the Oceans and Marine Resources chapter of the 2014 U.S. National Climate Assessment, member of a number of National Academy of Sciences reports, and served on both the NSF Geosciences and NSF Environmental Research and Education Advisory Committees. He is the past Director of the Ocean and Climate Change Institute and Chair of Marine Chemistry and Geochemistry Department at the Woods Hole Oceanographic Institution (WHOI). He was awarded the James B. Macelwane Medal from the American Geophysical Union in 2000, WHOI Ocean and Climate Change Institute Fellow in 2003, an Aldo Leopold Leadership Fellow in 2004, the WHOI W. Van Alan Clark Sr. Chair in 2007, a AAAS Fellow in 2010, and the Huntsman Award for Excellence in Marine Science in 2013 from the Royal Society of Canada.

He graduated with a BA in chemistry from the University of California, San Diego in 1986 and went on his first oceanographic expedition in 1984 with Sea Education Association. He completed his PhD in chemical oceanography from the Massachusetts Institute of Technology/Woods Hole Oceanographic Institution Joint Program in Oceanography in 1991. He was a postdoctoral fellow and later a scientist at the National Center for Atmospheric Research, before returning to Woods Hole in 2002. In August, 2017, he joined the University of Virginia as the first Joe D. and Helen J. Kington Professor in Environmental Change.