



**Scripps Institution of Oceanography  
University of California, San Diego**

**Tim P. Barnett**

Research Marine Geophysicist  
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Tim Barnett is a research marine geophysicist in the Climate Research Division of Scripps Institution of Oceanography, University of California, San Diego. His research focuses on the physics of climate change and long-range climate forecasting.

A native of California, Barnett attended Pomona College in Claremont, CA and received a BA in physics and mathematics. He received his PhD in oceanography from Scripps in 1966.

He worked as manager of the Ocean Physics Department at Westinghouse Electric Corporation in San Diego until 1971 when he returned to Scripps as the academic administrator for the North Pacific Experiment (NORPAX). NORPAX studied the interactions of the North Pacific Ocean and the overlying atmosphere on climatic time scales. In 1975 he joined the Scripps Climate Research Division.

Barnett investigates global atmospheric and oceanic conditions and uses computer models to understand global climate fluctuations such as climate prediction (including El Niño forecasting), the effects of land processes on climate change, and the recognition of greenhouse gas signals (such as sea-level rise). He also specializes in the detection of anthropogenic signals associated with global warming.

He also has worked as an oceanographic consultant for Marine Advisers, Inc. in La Jolla, CA, and as an oceanographer for the U.S. Naval Oceanographic Office in Washington, DC.

He has testified before the U.S. Congress and served as an advisor to congress and other governmental agencies on U.S. ocean and climate activities. He has served on numerous National Academy of Sciences panels including the Climate Research Committee and the U.S. Advisory Panel for the Tropical Ocean/Global Atmosphere program. He is a member of several national and international scientific advisory committees.

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## **Tim Barnett biography/2-2-2**

He received the Sverdrup Gold Medal from the American Meteorological Society in 1993, the highest honor the American Meteorological Society can bestow on an oceanographer. Barnett is a fellow of the American Geophysical Union and the American Meteorological Society and is the author of more than 230 scientific papers.

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