

Richard C. J. Somerville

Distinguished Professor Emeritus and Research Professor
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Education:

New York University, Meteorology, Ph. D., 1966
Pennsylvania State University, Meteorology, B. S., 1961

Positions:

2007-present: Distinguished Professor Emeritus, Scripps Institution of Oceanography, UCSD
2007-present: Research Professor, Scripps Institution of Oceanography, UCSD
2004-2007: Distinguished Professor, Scripps Institution of Oceanography, UCSD
1979-2007: Professor, Scripps Institution of Oceanography, University of California, San Diego
1974-1979: Scientist and Section Head, National Center for Atmospheric Research
1971-1974: Research Scientist, Goddard Institute for Space Studies, NASA
1971-1974: Adjunct Professor, Columbia University and New York University
1969-1971: Visiting Scientist, Courant Institute of Mathematical Sciences, NYU
1967-1969: Research Associate, Geophysical Fluid Dynamics Laboratory, NOAA
1966-1967: Fellow, Advanced Study Program, National Center for Atmospheric Research

Honors:

Distinguished Alumni Award, Pennsylvania State University, 2011, typically awarded to fewer than 10 persons each year, the highest honor given by the university to an individual, whose “personal lives, professional achievements, and community service exemplify the objectives of their Alma Mater.”

Charles L. Hosler Alumni Scholar Medal, Pennsylvania State University, 2009, recognizes the achievements of alumni “who have made outstanding contributions to the development of science through research, teaching, or administrative leadership.”

Lee Kuan Yew Distinguished Visitor, Singapore, 2007, “invites internationally eminent and outstanding academics and scholars to Singapore.”

Coordinating Lead Author, Intergovernmental Panel on Climate Change, 2007, is the title of the head of a chapter writing team of an IPCC assessment report. The IPCC shared the 2007 Nobel Peace Prize.

Distinguished Professor, University of California, San Diego, 2004, the highest faculty rank, “is reserved for scholars and teachers of the highest distinction, whose work has been internationally recognized and acclaimed and whose teaching performance and service are excellent.”

Distinguished Lecturer, Sigma Xi, The Scientific Research Society, 2002-2003, signifies being chosen to give a series of lectures at a number of universities.

Louis J. Battan Author's Award, American Meteorological Society, 2000, for *The Forgiving Air: Understanding Environmental Science*. The award “is presented to the author of an outstanding, newly published book on atmospheric science.”

Walter Orr Roberts Lectureship, American Meteorological Society, 1999, is an award “presented for significant contributions to the understanding and discussion of global environmental change derived from multidisciplinary research activities.”

Fellow, American Association for the Advancement of Science, 1993 is “an honor bestowed upon members by their peers. Fellows are recognized for meritorious efforts to advance science or its applications.”

Outstanding Contributions Award, San Diego Science Educator’s Association, 1991, is an award recognizing outstanding university science teachers.

Fellow, American Meteorological Society, 1987 is an award for those who “have made outstanding contributions to the atmospheric or related oceanic or hydrologic sciences or their applications during a substantial period of years.”

Memberships:

American Association for the Advancement of Science

American Geophysical Union

American Meteorological Society

Service to the scientific community through committees and other activities (selected):

Science Director, Climate Communication. This organization is dedicated to all aspects of communicating climate change science effectively. <http://climatecommunication.org>

Lecturer and popular author on many topics related to climate change, including science, policy, ethics and outreach. Many links are on the web site. <http://richardsonmerville.com>

Climate Central, Member, Board of Directors, 2008 - 2011. <http://www.climatecentral.org>

Author of *The Forgiving Air: Understanding Environmental Change*, 2nd edition, American Meteorological Society, 2008, an award-winning popular book. <http://theforgivingair.com>

Intergovernmental Panel on Climate Change, 4th Assessment Report, Coordinating Lead Author, 2007. This organization assesses climate science research. <http://www.ipcc.ch>

Teaching innovator who introduced the concept of peer review into the classroom, 2002. <http://www.ucar.edu/communications/quarterly/winter03/somerville.html>

Coordinator, Climate Sciences Curricular Group, Scripps Institution of Oceanography, 1995 – 1999.

Director, Climate Research Division, Scripps Institution of Oceanography, 1989 – 1996.

Head, Climate Research Group, Scripps Institution of Oceanography, 1979 – 1989.

Past member of the Council and several committees of the American Meteorological Society.

Past advisory committee member, DOE, NASA, NCAR, NOAA, NAS-NRC, NSF, UCAR.

Past chairman, Board of Trustees, University Corporation for Atmospheric Research.