

John M. Wallace

Born 28 October 1940; New York, New York

Education

Webb Institute of Naval Architecture, B.S., 1962

Massachusetts Institute of Technology, Ph.D. 1966

Professional Employment at the University of Washington

Department of Atmospheric Sciences

Assistant Professor 1966-1970; Associate Professor 1970-1975; Professor 1975-2012

Professor Emeritus 2012-

Chair 1983-88

Director, Joint Institute for the Study of the Atmosphere and Ocean (JISAO) 1982-97,
2003-2006

Co-director, Program on the Environment 1997-2000

Awards

James B. Macelwane Award, American Geophysical Union, 1972

Alfred P. Sloan Fellowship, 1973-1975

Meisinger Award, American Meteorological Society, 1975

Editor's Award, American Meteorological Society, 1981

National Science Foundation Creativity Award, 1987

Rossby Award, American Meteorological Society, 1993

Revelle Medal, American Geophysical Union, 1999

Honorary Memberships

Fellow, American Meteorological Society 1975

Fellow, American Geophysical Union 1972

Fellow, American Academy of Arts and Sciences 1997

Member, National Academy of Sciences, 1998

Foreign Member, Russian Academy of Sciences 2000

Honorary Member, American Meteorological Society 2012

Editorial Responsibilities

Associate Editor, *J. Atmos. Sci.* 1974-78, 2010-2013

Associate Editor, *Rev. Geophys. & Space Phys.*, 1980-83

Editorial Consultant, *Tellus*, 1979-1999

Invited Lectures

Victor P. Starr Memorial Lecture, MIT, 1980

Lindsay Memorial Lecture, NASA, 1983

Haurwitz Memorial Lecture, American Meteorological Society, 1989

Symons Lecture, Royal Meteorological Society, 1999

John V. Byrne Lecture, Oregon State University, 1998

Frontiers of Science Lecture, University of Utah, 1998

Charney Lecture, American Geophysical Union, 1999
Robock Lecture, University of Wisconsin, 2012
Robert Cess Lecture, State University of New York at Stonybrook, 2013
Eugene M. Rasmusson Lecture, University of Maryland, 2013

Other University of Washington assignments

Review committee for the Dean of the Business School, Chair, 1985-86
Search committee for the Dean of the Business School, 1987
Review Committee for the Chair of Geophysics, Chair, 1989
Search Committee for the Chair of Statistics, 1993
Vision Committee for the Institute for Environmental Studies, 1994
Task Force for Environmental Education, 1996-97
Search Committee for the Chair of Atmospheric Sciences, 1996
Ad-hoc Committee on Faculty Rewards and Responsibilities, Chair, 1998
Committee on Charting Directions for the College of Forest Resources, 2001
Arts and Sciences Curriculum Committee, 1999-2000
Graduate School Council, 2006-2009
STEM Task Force, UWB Campus, Chair, 2008
By-laws for the College of the Environment, 2009

Other Outside Professional Activities

National Research Council

BOMAP (Barbados Oceanographic and Meteorological Analysis Project) 1969-73
U.S. GARP (Global Atmospheric Research Program) 1971-75, 77-78
GATE (GARP Atlantic Tropical Experiment), 1972-75;. Chair, 1973-74
Climate Dynamics Panel, 1975-79
Committee on Atmospheric Sciences, 1976 -79
Climate Research Committee, 1979-81
U.S. TOGA Program Advisory Panel, Chair., 1983-89
Dynamical Extended Range Forecasting Panel, Chair, 1986-88
Panel on Reconciling Temperature Observations, Chair, 1999
Committee on the Science of Climate Change 2001
Committee on Abrupt Climate Change: Science and Public Policy, 2000-2001
Strategic Guidance for NSF Funding of the Atmospheric Sciences 2003-
Committee in Surface Temperature Reconstructions 2005

Department of Transportation

Climatic Impact Assessment Panel, 1972

National Science Foundation

Advisory Committee for Atmospheric Sciences, 1975-79
Waterman Award Selection Committee

University Corporation for Atmospheric Research

Board of Trustees, 1979-83;
Members Representative, 1983-86

NOAA

EPOCS Advisory Panel, 1978-81, 1988-92-
Pan American Climate Studies (PACS) Program, Coordinator 1992-1997

GFDL Vision Committee 2000

NASA

Air-Sea Interaction in Climate Program, Advisory Panel, 1979

ICSU/IAMAP

International Commission on Dynamical Meteorology, 1981-86

International TOGA Scientific Steering Group, 1982-85

American Meteorological Society

Councilor 1998-2000

Visiting Positions

National Center for Atmospheric Research 1971, 1974-75

Computer Center, Novosibirsk, USSR, 1973

University of Reading, 1981-82

European Centre for Medium Range Weather Forecasting, 1981-82

Textbook

Atmospheric Sciences, An Introductory Survey, (with Peter V. Hobbs)

Academic Press (Elsevier) 1st edition 1977; 2nd edition 2006