



THE ANNUAL DR. JAMES R. MAHONEY MEMORIAL LECTURE

**SECOND LECTURE
MONDAY, MAY 1, 2017
WASHINGTON, DC
4:00 PM**

PROGRAM

Welcome/Opening Remarks

Roger M. Wakimoto, Ph.D., President, American Meteorological Society

Craig McLean, Assistant Administrator for Oceanic and Atmospheric Research, NOAA

Remembering James Mahoney

Mary Glackin, Senior Vice President of Science & Forecasting Operations, The Weather Company, an IBM Business

Introduction of Dr. Richard Moss

William H. Hooke, Ph. D., Associate Executive Director and Senior Policy Fellow, American Meteorological Society

Lecture: “Better Information for Better Decisions: Scientific Assessments to Support Risk Management and Solutions”

Richard H. Moss, Ph.D., Senior Scientist, Pacific Northwest National Laboratory Joint Global Change Research Institute and Adjunct Professor, University of Maryland

Closing

Barbara J. Goldsmith, President, Barbara J. Goldsmith & Company LLC Environmental Management Consulting Services

Adjourn to Reception

Program Committee: MahoneyLecture@aol.com

Donations: Mahoney Lecture, c/o AMS, 45 Beacon Street, Boston, MA 02108

SPEAKERS

Roger M. Wakimoto

Roger Wakimoto has served as Assistant Director of the Geosciences Directorate of the National Science Foundation (NSF) since February 2013. Dr. Wakimoto also currently serves as President of the American Meteorological Society (AMS). He previously was director of the National Center for Atmospheric Research (NCAR) as well as Professor and Chair of the UCLA Department of Atmospheric Science. He has written or co-authored more than 100 peer-reviewed papers and served on numerous committees, panels and boards for NSF, the National Academy of Sciences, AMS and other organizations.

Craig McLean

Craig McLean is NOAA's Acting Chief Scientist and the Assistant Administrator for Oceanic and Atmospheric Research, responsible for overseeing, directing and implementing NOAA's research enterprise. He previously served as Acting Deputy Assistant Administrator of the National Ocean Service and served in uniform for nearly 25 years in NOAA's Commissioned Corps, attaining the rank of Captain. Craig is also an attorney and has practiced marine resource law for NOAA. He has been awarded the Department of Commerce Silver and Bronze Medals, the NOAA Corps Commendation Medal, and Special Achievement Medal.

Mary Glackin

As Senior Vice President of the Weather Company, an IBM Business, Mary Glackin leads science and forecast operations and also oversees public-private partnerships. She has had a long and distinguished career in public service, including a five-year tenure as deputy under Secretary of Commerce for NOAA operations. She is a Fellow of both the AMS and the National Academy of Public Administration, as well as a member of the National Weather Association and the American Geophysical Union, serves on the visiting committee of NASA's Goddard Space Flight Center, and is currently on NRC's Board of Atmospheric Sciences and Climate. Ms. Glackin earned her bachelor's degree from the University of Maryland.

William H. Hooke

William (Bill) Hooke has been a senior policy fellow at the American Meteorological Society since June 2000. He directed the Policy Program from 2001-2013. Dr. Hooke now serves as AMS associate executive director. From 1967 to 2000, he worked for NOAA and antecedent agencies. From 1987 to 1993, he served as Deputy Chief Scientist and Acting Chief Scientist of NOAA, setting policy and direction for \$300M/year of NOAA R&D in oceanography, atmospheric science, hydrology, climate, marine biology, and associated technologies. He holds masters and doctorate degrees from the University of Chicago.

Richard H. Moss

Richard H. Moss is a Senior Scientist at Pacific Northwest National Laboratory's Joint Global Change Research Institute and Adjunct Professor in the Department of Geographical Sciences at the University of Maryland, College Park. Moss's research focuses on scenarios, uncertainty characterization, and vulnerability and adaptation to global change. Moss has held several public service positions including Director of the US Global Change Research Program/Climate Change Science Program Office (spanning the Clinton and G.W. Bush Administrations) and technical support director for one of the working groups of the Intergovernmental Panel on Climate Change. Moss chairs the Federal Advisory Committee for the Sustained US National Climate Assessment and the National Academy of Science's Board on Environmental Change and Society. He is a fellow of the American Society for the Advancement of Science. He received his Ph.D. from Princeton University in public and international affairs.

Barbara J. Goldsmith

Barbara Goldsmith, a specialist with over 30 years of experience in national and international environmental policy and corporate environmental management, is President of Barbara J. Goldsmith & Company and also serves as Executive Director of the Ad-Hoc Industry Natural Resource Management Group. She is a leading authority on policies and practices related to natural resource liability and assessment under US and European laws. An author, frequent speaker and thought leader on high level environmental and energy policy issues, she holds a Bachelors degree from The George Washington University and a Master of City Planning in Environmental Analysis from three graduate schools (Design, Public Health, Government) at Harvard University.



JAMES RICHARD MAHONEY, PH.D.
(1938 – 2015)

Dr. Mahoney was born and raised in Syracuse, New York. He received a B.S. degree in Physics from LeMoyne College in his home town. His career following college involved over 40 years of continuous focus on environmental management and the earth sciences, with an emphasis on the atmospheric, climate, hydrological and oceanographic areas. He undertook diverse responsibilities in academic, corporate, national government and international settings.

Dr. Mahoney received a Ph.D. degree in meteorology from MIT, and then joined the Faculty of Public Health at Harvard University, in its Department of Environmental Health Sciences. This early-career focus on public health and the environment positively influenced all of his subsequent professional work. Drawing upon his Harvard experience, Dr. Mahoney co-founded the environmental management company Environmental Research & Technology, Inc. (ERT) in 1968. ERT grew to become the nation's largest environmental firm by the end of the 1970's, operating throughout the United States and several other nations. In that period ERT became the largest employer of meteorologists and related technical specialists in the United States, except for the federal government itself. In 1984 Dr. Mahoney moved to the position of Director of the Environmental Industries Center at the Bechtel Group, Inc., in San Francisco. In this position he supervised Bechtel's domestic and international environmental programs.

Dr. Mahoney entered full-time public service in 1988 as Director of the National Acid Precipitation Assessment Program (NAPAP), working in the Executive Office of the President. NAPAP was a unique 10-year interagency program created by the Energy Security Act of 1979, and charged with recommending sound approaches to controlling acid rain effects, while providing for continued energy and economic security for the nation. His service as NAPAP Director included the completion of the 10-year program involving the work of more than 2,000 technical and economic specialists; the publication of a major, internationally reviewed acid rain science and technology compendium; and extensive issue analyses supporting the development of the Clean Air Act Amendments of 1990. Dr. Mahoney was awarded the Commerce Department Gold Medal in recognition of exceptional performance as Director of NAPAP.

Dr. Mahoney was Senior Vice President of the IT Group, Inc., an international environmental management firm, from 1991 to 1999. Among other responsibilities, he served as President of IT's Consulting and Ventures Group, which conducted projects in nearly every state and at several international locations. During 2000 and 2001 Dr. Mahoney worked as an environmental advisor on several domestic and international matters.

Dr. Mahoney worked in more than fifty other nations in several different roles: negotiating and overseeing international joint venture technical companies, representing the U.S. government in specialist exchanges, advising government agencies (particularly in developing nations) on sustainable industry, fishery and agricultural practices, and advising several United Nations and other international agencies. Throughout his career, Dr. Mahoney advised on earth and environmental science issues at the forefront of climate change and the environmental generally, in the United States and around the world.

Dr. Mahoney was a Fellow and former President of the 13,000-member American Meteorological Society, which serves the atmospheric, oceanographic and hydrological fields. As a result of a strategic review initiated during his term as President, AMS committed to a long-term program of support for science education at all levels, encouragement of technical careers for minority students, and the application of sound science to complex public issues including disaster preparedness, environmental protection and global climate change, among others. Dr. Mahoney served on several committees of the National Academy of Sciences dealing with weather and climate, environmental protection and science education. In 1999 he completed a term as Co-Chairman of the Academy's Board on Atmospheric Science and Climate and later served as chairman of the roundtable on climate change education.

On April 2, 2002, after confirmation by the United States Senate, Dr. Mahoney assumed the position of Assistant Secretary of Commerce for Oceans and Atmosphere/Deputy Administrator of the National Oceanic and Atmospheric Administration (NOAA). In that position, he directed the 13-agency U.S. Climate Change Science Program. Referencing his new position at his swearing-in ceremony, Dr. Mahoney said, "NOAA has the benefit of a large number of highly skilled scientific, technical and administrative personnel, and I will do all I can to help enhance their careers and further improve NOAA's service to the nation and the world."