



THE ANNUAL DR. JAMES R. MAHONEY MEMORIAL LECTURE

**INAUGURAL LECTURE
MONDAY, SEPTEMBER 19, 2016
WASHINGTON, DC
5:00 PM**

PROGRAM

Welcome/Opening Remarks

The Honorable Kathryn D. Sullivan, Under Secretary of Commerce for Oceans and Atmosphere

Remembering James Mahoney

Conrad C. Lautenbacher, Jr. (Vice Admiral, USN ret.), CEO, GeoOptics and Former NOAA Administrator

Introduction of Dr. Susan Avery

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

Delivery of the Inaugural Lecture: “Climate Change, the Ocean, and Us”

Susan K. Avery, Ph.D., President Emerita, Woods Hole Oceanographic Institution

Closing

*William H. Hooke/Barbara J. Goldsmith, President, Barbara J. Goldsmith & Company LLC
Environmental Management Consulting Services*

PROGRAM COMMITTEE: MAHONEYLECTURE@AOL.COM

DONATIONS: MAHONEY LECTURE, C/O AMS, 45 BEACON STREET, BOSTON, MA 02108

SPEAKERS

Kathryn D. Sullivan

Under Secretary of Commerce for Oceans and Atmosphere, NOAA

Dr. Kathryn Sullivan was confirmed by the Senate as the Under Secretary of Commerce for Oceans and Atmosphere and NOAA Administrator on March 6, 2014, having served as Acting NOAA Administrator since February 28, 2013. She is a distinguished scientist, renowned astronaut and intrepid explorer. Prior to her appointment as Acting Administrator, Dr. Sullivan held the position of Assistant Secretary of Commerce for Environmental Observation and Prediction and Deputy Administrator, and also performed the duties of NOAA's Chief Scientist, a vacant position. Dr. Sullivan was one of the first six women selected to join the NASA astronaut corps in 1978 and holds the distinction of being the first American woman to walk in space. She flew on three shuttle missions during her 15-year tenure, including the mission that deployed the Hubble Space Telescope.

Conrad C. Lautenbacher, Jr. (Vice Admiral, USN ret.)

CEO, GeoOptics and Former NOAA Administrator

Conrad Lautenbacher, Jr. is retired as Vice Admiral from the U.S. Navy, where he was Commander of the U.S. third fleet. Admiral Lautenbacher also served as Deputy Chief of Naval Operations in charge of programs and budget. After leaving the Navy he served as Under Secretary of Commerce for Oceans and Atmosphere and as the eighth Administrator of the National Oceanic and Atmospheric Administration (NOAA), 2001-08. He is a graduate of the U.S. Naval Academy and holds M.S. and Ph.D. degrees in applied mathematics from Harvard University.

William H. Hooke

Associate Executive Director and Senior Policy Fellow, American Meteorological Society

Dr. Hooke has been a senior policy fellow at the American Meteorological Society since June 2000. He directed the Policy Program from 2001-2013. He 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.

Susan K. Avery

President Emerita, Woods Hole Oceanographic Institution

Dr. Susan Avery served as President and Director of the Woods Hole Oceanographic Institution from 2008-2015. Currently she is serving as a senior fellow with the Consortium for Ocean Leadership and Distinguished Visiting Scholar at the University of MA, Boston. She is a former President of the American Meteorological Society. After attaining a doctorate in atmospheric science from the University of Illinois, she served on the faculty at the University of Colorado, Boulder in a variety of posts including interim provost and executive vice chancellor for academic affairs. The author or co-author of more than 90 peer-reviewed articles and with interests in scientific literacy and the role of science in public policy and decision support, she has served on numerous national and international boards, commissions and program review committees and is active in many professional societies. Recognition for exceptional achievement has come from many organizations and institutions.

Barbara J. Goldsmith

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

Barbara Goldsmith is a specialist with over 30 years of experience in national and international environmental policy and corporate environmental management. She is a leading authority on policies and practices related to natural resource damages 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 has undertaken 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."