

MARCH is National Women's History Month

This year's theme, *Women Taking the Lead to Save Our Planet*, encourages the recognition of the important work of women in the on-going "green movement." OAR recognizes all of its hard working women scientists for their contributions to the OAR mission.

Here are a few snapshots of our women scientists at each of the OAR labs.

OAR Women Scientists Leading the Way



Dr. Silvia L. Garzoli, Physical Oceanographer, AOML. Her main field of interest is the dynamics of the ocean and its relation to climate. Her main field of expertise is in the use of long-term moored instrumentation to study the oceanic circulation and its relation to climate.



Dr. Dian Seidel, Research Meteorologist, ARL. Her research addresses climate variability and change, with a focus on observational studies. Her work has been published in over fifty peer-reviewed journal articles and has been awarded several NOAA Outstanding Scientific Paper Awards.



Dr. Susan Solomon, Senior Scientist, ESRL/CSD. She is widely recognized as one of the leaders in the field of atmospheric science. She is best known for having pioneered both the theory explaining how and why the ozone hole occurs in Antarctica and obtaining some of the first chemical measurements that helped to establish the chlorofluorocarbons as its cause.



Dr. Arlyn Andrews, Chemist, ESRL/GMD. She runs a network of sites for measuring carbon dioxide and related gases using specially equipped broadcast towers. The goal of the project is to provide accurate accounting for the fate of carbon dioxide emissions, which end up distributed among the atmosphere, the oceans and the terrestrial biosphere.



Jennifer Mahoney, Meteorologist, ESRL/GSD. She leads the very successful (financial and scientific) development of the Network Enabled Verification Service, which measures the quality of weather forecast products and the utility of these products for aviation decision makers.



Taneil Uttal, Meteorologist, ESRL/PSD. Her current research involves investigation of Arctic clouds and aerosol characteristics using radar, radiometers, and lidar. A primary objective is to collect long-time records of clouds to directly measure how they change over different seasons, and from year to year.



Dr. Melinda Marquis, Program Analyst, ESRL Director's Office . She joined ESRL Research and Programs in the summer 2007, after serving as the Deputy Director for the Intergovernmental Panel on Climate Change (IPCC) Working group I. She was formerly the leader of two NASA Earth-satellite mission projects at the NSIDC at the University of Colorado.



Dr. Arlene Fiore, Research Physical Scientist, GFDL. She has made important contributions to our understanding of global air pollution and the connection between air quality and climate. She uses computer models to answer critical questions about the interactions of atmospheric chemistry and climate, and the transport of pollution between continents.



Dr. Juli Dyble Bressie, Research Biologist, GLERL. Her research focuses on the ecology and toxin production of cyano-bacterial harmful algal bloom (HAB) species. Juli has the rare and priceless ability to communicate her scientific research to diverse audiences, including decision-makers, the general public, and students.



Dr. Suzanne Van Cooten, Research Hydrologist, NSSL. She is currently working with federal, state, tribal, and academic partners to develop sustainable water management applications using weather prediction tools produced at the NSSL and other National Weather Center partners.



Dr. Jin Huang, Physical Scientist, OAR HQs. Jin is a program manager for the Climate Prediction Program for the Americas (CPPA) in NOAA Climate Program Office. Her expertise is in the area of land surface modeling, climate prediction and water resource application. Her past research included the development of climate forecast methodologies .



Dr. Phyllis Stabeno, Oceanographer, PMEL. She is the Director of FOCI and NPCREP. A common goal of these research programs is to study relationships between the marine ecosystem, climate, and the survival of commercially valuable fish in the Gulf of Alaska and eastern Bering Sea.