18 New AGU Fellows with Ocean Science Section Affiliation

Michael McPhaden, NOAA, Pacific Marine Environmental Lab (PMEL), “For groundbreaking contributions to the physics of tropical oceans and their role in seasonal to interannual climate variability”.

Meinrat O. Andreae, Max Planck Institute for Chemistry, “For his leadership role in the scientific investigation of biosphere-atmosphere interactions and Earth Science integrative research.”

David S. Battisti, University of Washington, “For his contributions to understanding climate variability for phenomena ranging from ENSO and the Pacific Decadal Oscillation to paleoclimate.”

Francisco Chavez, Monterey Bay Aquarium Research Institute (MBARI), “For advancing fundamental knowledge of the physical-biological coupling between climate, ocean physics, productivity, and fisheries”.

Antje Boetius, Alfred Wegener Institute, Max Planck Institute for Marine Microbiology, “For her remarkable discovery of the microbial consortia responsible for anaerobic methane oxidation and the impacts of this process on the global methane cycle”.

Gary Egbert, Oregon State University, “For fundamental contributions to physical oceanography and geomagnetism, spearheaded by innovative and elegant applications of inverse methods.”

William F. Fitzgerald, University of Connecticut, “For his pioneering research on the global biogeochemical cycling of mercury and the impact of human activities on its behavior and fate in nature.”

W. Rockwell Geyer, Woods Hole Oceanographic Institution, “For discoveries and intellectual leadership in the fields of estuarine and river plume fluid dynamics and sediment transport”

Susumu Honjo, Woods Hole Oceanographic Institution, “For his contributions to our understanding and observations of marine particle compositions and fluxes, and of the oceanic biological pump.”

Ralph F. Keeling, Scripps Institution of Oceanography, “For observations and modeling studies that have advanced our understanding of the ocean and land carbon cycles and their anthropogenic perturbations.”
Lee Kump, Penn State University, “For pioneering research on the dynamics and long-term evolution of global biogeochemical cycles and coupling to climate.”

M. Susan Lozier, Duke University, “For ground-braking studies challenging conventional views of deep ocean circulation and ocean productivity”

Delia Oppo, Woods Hole Oceanographic Institution, “For her contributions towards understanding the causes of Earth’s climate variability and its link to ocean circulation and the hydrological cycle”

Glenn Flierl, Massachusetts Institute of Technology, “For fundamental contributions to physical and biological oceanography with particular emphasis on the dynamics of mesoscale eddies”

Detlef Stammer, University of Hamburg, “For fundamental advancement in the understanding of the global ocean circulation and regional sea level variability by creative observational and modeling analysis.”
Howard J. Spero, University of California, Davis, “For establishing how the geochemical composition of foraminifera from deep-sea sediments can be used to elucidate past climate and ocean changes.”

Andrew J. Weaver, University of Victoria, “For his outstanding contributions in climate dynamics and paleoclimate, especially on the role of the global thermohaline circulation in climate.”

Peter Hans Santschi, Texas A & M University, “For fundamental work on characterization of colloids in aquatic systems and their role on trace metal and radionuclide cycling and transport.”