



Scientific Service and Leadership 2014-2019

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I. Committees

NOAA

- NOAA Arctic Action Team – James Overland
- NOAA Awards Board – Michelle McClure
- NOAA Big Data Project Governance Planning Team – Eugene Burger
- NOAA Collections Management Group – Carol Stepien
- NOAA Data Strategy Team – Eugene Burger
- NOAA Ecosystems Monitoring Working Group Subject Matter Expert – Chris Meinig
- NOAA Environmental Data Management Committee (EDMC) – Eugene Burger
- NOAA Environmental Data Management Workshop Planning team (2020) – Eugene Burger
- NOAA Forecasting A Continuum of Environmental Threats (FACETS) – Diego Arcas



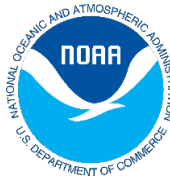
- NOAA Interagency Genomics Collaboration Group – Carol Stepien
- NOAA Metadata Standard Evolution Team – Linus Kamb
- NOAA National Weather Service Tsunami Research Advisory Council – Diego Arcas
- NOAA Ocean Acidification Roundtable Group – Carol Stepien
- NOAA Ocean Exploration Research Grant Review Panel – Carol Stepien
- NOAA Ocean Noise Reference Network (NMFS-NOS-OAR): Steering committee – Bob Dziak
- NOAA Science Camp Steering Committee – Heather Tabisola
- NOAA Unmanned (UxS) Strategic Planning and Implementation Committee – Chris Meinig
- NOAA Unmanned (UxS) Strategic Planning Committee – Chris Meinig
- NOAA West Coast Ocean Acidification Task Force – Richard Feely
- NOAA-Department of Energy (DOE) Powering the Blue Economy Prize Review Committee – Chris Meinig
- NOAA-Navy Ocean Acoustics working group – Bob Dziak
- NOAA Fisheries-Climate Initiative Steering Committee – Michelle McClure
- Alaska Ocean Acidification Network Executive Committee – Jessica Cross
- Arctic Observing Network – Jessica Cross (Co-Chair)
- Small Business Innovation Research (SBIR) Review – Noah Lawrence-Slavas, Scott Stalin and Joe Resing

NOAA Office of Oceanic and Atmospheric Research (OAR)

- Awards Board - Michelle McClure
- Best Paper Award Committee - Carol Stepien
- Climate Observing System Council - Greg Johnson
- Diversity and Inclusion Advisory Committee - Sharon Walker
- Engineering Forum Chair - Chris Meinig
- Integrated Science and Business Planning Committee - Michelle McClure
- Senior Research Council - Michelle McClure

PMEL

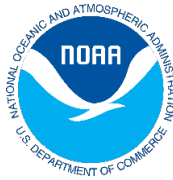
- PMEL Diversity and Inclusion Committee
 - Adi Hanein
 - Adrienne Sutton
 - Billy Kessler
 - Brendan Carter



PMEL

Pacific Marine Environmental Laboratory

- Carol Stepien
- Denise Kester
- James Shambaugh
- Lucia Upchurch
- Michelle McClure
- Richard Parks
- Sharon Walker
- Sophie Chu
- Western Regional Center Tech User's Group
 - Adrienne Sutton
 - Andy Chiodi
 - Curran Fey
 - Dale Gamble
 - Daryn White
 - Dongxiao Zhang
 - Edward Cokelet
 - Eugene Burger
 - Jean Newman
 - John Osborne
 - Julian Herndon
 - Karl Smith
 - Kevin O'Brien
 - Lauren Roche
 - Linus Kamb
 - Lucia Upchurch
 - Matt Galaska
 - Matthew Casari
 - Meghan Cronin
 - Nathan Anderson
 - Noah Lawrence-Slavas
 - Peggy Sullivan
 - Roland Schweitzer
 - Roman Battisti
 - Samantha Wills
 - Sarah Donohoe
 - Shaun Bell



- Tracey Nakamura

Other U.S. Federal/Interagency/State Committees

- Advancing Climate Literacy through investment in Pre-Service Educators Advisory Board – Adrienne Sutton
- California Ocean Acidification and Hypoxia Task Force – Richard Feely
- U.S. Government eDNA Working Group – Carol Stepien
- Inter-agency Research Policy Committee (IARPC)
 - Collaborations Team for Environmental Intelligence and Marine Ecosystems – Jessica Cross
 - Collaboration Team for Arctic Field Operations Working Group – Heather Tabisola
 - Collaboration Team for Science Communication Forum – Heather Tabisola
 - Collaboration Team for Physical Oceanography – Wei Cheng
- NASA
 - Review Panel – Meghan Cronin
 - Vector Winds and Physical Oceanography Review Panel – Dongxiao Zhang
- National Academy of Sciences Committee on Developing a U.S. Research Agenda to Advance Subseasonal to Seasonal Forecasting – Chidong Zhang
- North Pacific Research Board (NPRB)
 - Arctic Integrated Ecosystem Research Program Steering Committee – Carol Ladd
 - Gulf of Alaska Integrated Ecosystem Research Program Steering Committee – Carol Ladd
- National Science Foundation (NSF)
 - Advisory Committee for the Office of Polar Regions – Patricia Quinn
 - Chemical Oceanography Grant Review Panel – Joe Resing
 - Committee of Visitors for the Arctic Program – Patricia Quinn
- National Tsunami Hazard Mitigation Program Co-Chair – Marie Eble
- National Tsunami Hazard Mitigation Program Coordinating Committee – Diego Arcas
- Ocean Carbon & Biogeochemistry Project (OCB)
 - Coastal Carbon Synthesis (CCARS) Leadership Committee – Simone Alin
 - Nitrogen Fixation Working Group – Bonnie Chang
 - Ocean Acidification Committee – Simone Alin
 - Oceanic Methane and Nitrous Oxide Steering Committee – Bonnie Chang
 - Science Steering Committee – Simone Alin and Jessica Cross
- Puget Sound Partnership Science Panel – Nick Bond



- Salish Sea Expeditions Council of Advisors – Michelle McClure
- Seattle Federal Executive Board – Michelle McClure
- Unidata THREDDS Steering Committee – Kevin O’Brien
- U.S. Interagency Working Group on Ocean Acidification – Richard Feely
- U.S. Arctic Marine Advisory Program Delegation – Jessica Cross
- U.S. Climate Variability and Predictability (CLIVAR)
 - Executive Committee of the Science Steering Committee – Chidong Zhang
 - Atlantic Meridional Overturning Circulation (AMOC) Science Team – Dongxiao Zhang and Wei Cheng
 - Arctic Midlatitude Working Group – Muyin Wang
 - Predictability, Predictions, and Applications Interface Panel Member – Muyin Wang
 - Scientific Organizing Committee for the US CLIVAR workshop for bridging sustained observations and data assimilation for TPOS 2020
 - Scientific Organizing Committee for the US CLIVAR/OCB Workshop for Carbon Hot Spot
- U.S. Global Ocean Shipbased Hydrographic Investigations Program Committee Co-Chair - Greg Johnson
- U.S. Second International Indian Ocean Expedition Steering Committee – Chidong Zhang and Mike McPhaden
- U.S. Subduction Zones 4D Research Coordination Committee – Diego Arcas
- U.S. Tropical Pacific Observing System Executive Committee – Chidong Zhang and Michelle McClure
- Washington Ocean Acidification Center’s Science Advisory Team – Richard FEely
- Washington State Maritime Blue Advisory Committee – Chris Meinig
- Wendy Schmidt Ocean Health XPRIZE Advisor – Adrienne Sutton
- West Coast Ocean Acidification and Hypoxia Panel – Richard Feely
- Washington State Youth Maritime Collaborative – Adi Hanein

International Committees

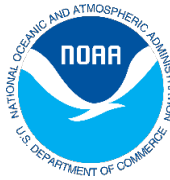
- Arctic Monitoring and Assessment Programme (AMAP)
 - Arctic Assessment for Arctic Council – James Overland
 - Expert Group on Short-Lived Climate Forcers in the Arctic – Patricia Quinn
- Caribe Tsunami Early Warning System – Diego Arcas
- Centre for Southern Hemisphere Ocean Research Advisory Committee – Mike McPhaden



- Centro Internacional para la Investigacion del Fenomeno de El Niño (Ecuador)
 - International Scientific Advisory Committee – Mike McPhaden
- Chinese Northwest Pacific Ocean Circulation and Climate Experiment (NPOCE) program Scientific Steering Committee – Billy Kessler
- Detection and Classification Metrics Committee – David Mellinger
- European Union
 - Evaluating the Climate and Air Quality Impacts of Short-Lived Pollutants (ECLIPSE) Advisory Board – Patricia Quinn
- Global Ocean Observing System (GOOS)
 - Ocean Observations Panel for Climate for the Global Climate Observing System – Meghan Cronin
- Indian Ocean Global Ocean Observing System Steering Committee – Mike McPhaden
- Intergovernmental Oceanographic Commission of UNESCO (IOC)
 - International Tsunameter Partnership Group – Chris Meinig
 - Intersessional Working Group - Strategy for Ocean Data and Information Stewardship (IWG-SODIS) in support of the UN Ocean Decade activities – Kevin O’Brien
- Intergovernmental Panel on Climate Change
 - AR6 Working Group I – Richard Felly
- International Arctic Science Committee – Jessica Cross
- International Arctic Science Committee
 - Atmosphere Working Group – Muyin Wang
- International Argo Steering Team – Greg Johnson
- International CLIVAR ENSO Diversity Task Team – Mike McPhaden
- International Electrotechnical Commission (IEC) and International Organization for Standardization (ISO)
 - Development of technical specification IEC 62600-40 "Acoustic Characterization of Marine Energy Converters" – Joe Haxel
- International Global Ocean Shipbased Hydrographic Investigation’s Program Committee Executive Group – Greg Johnson
- International IMBER (Integrated Marine Biogeochemistry and Ecosystem Research) and SOLAS (Surface Ocean - Lower Atmosphere Study) Ocean Acidification Group – Richard Feely
- International Ocean Acidification Centre Scientific Advisory Board – Richard Feely
- International Ocean Carbon Coordination Project – Richard Feely
- International Quiet Ocean Experiment: Data Management Committee – Bob Dziak



- International Tsunami Symposium and the Joint Tsunami Commission – Marie Eblé and Yong Wei
- International Workshop on Detection, Classification, Localization, and Density Estimation of Marine Mammals using Passive Acoustics Steering Committee – David Mellinger
- Network on Climate and Aerosols (NETCARE) External Steering Committee – Patricia Quinn
- North American Carbon Program
 - Science Leadership Committee – Simone Alin and Jessica Cross
 - PI Meeting Science Program Committee – Simone Alin
 - Ocean Carbon & Biogeochemistry Science Focus Group – Simone Alin
- North Pacific Marine Science Organization (PICES)
 - Section of Carbon and Climate – Richard Feely
 - Working Group 38: Mesoscale and Submesoscale Processes – Carol Ladd
- OceanSITES
 - Data Management Team – Dongxiao Zhang, Kevin O’Brien, Meghan Cronin
 - Executive Committee – Meghan Cronin
 - Science Steering Committee – Adrienne Sutton, Meghan Cronin, Dongxiao Zhang
- Pacific Arctic Group – Jessica Cross
- Pacific Tsunami Warning System Working Group II – Diego Arcas
- PIRATA Scientific Steering Group – Adrienne Sutton and Mike McPhaden
- RAPID-AMOC Program Advisory Committee – Mike McPhaden
- Surface Ocean CO₂ Atlas Project
 - Coastal Region Co-Lead (Simone Alin)
- Surface Ocean – Lower Atmosphere Study (SOLAS) Scientific Steering Committee – Patricia Quinn
- SPURS-2 Steering Committee – Chidong Zhang
- SWOT (Satellite) Science Definition Team – Billy Kessler
- Tropical Atlantic Observing System International Review Committee – Mike McPhaden
- Tropical Observing System 2020
 - Biogeochemistry Task Team – Adrienne Sutton
 - Planetary Boundary Layer Task Team – Chidong Zhang and Meghan Cronin
- United Nations
 - General Assembly – ICP on Anthropogenic Underwater Noise – Bob Dziak
 - Sustainable Development Goal 14.3.1 Indicator Development Expert Group – Adrienne Sutton



- World Meteorological Organization (WMO)
 - Expert Team on Data Center Audit and Accreditation – Eugene Burger
 - Global Atmosphere Watch (GAW) Scientific Advisory Group on Aerosols – Patricia Quinn
 - Study Group on Data Issues and Policies – Eugene Burger
- World Meteorological Organization (WMO)/ Intergovernmental Oceanographic Commission of UNESCO (IOC)
 - Data Buoy Cooperation Panel Task Team for Data Management
 - Inter-Programme Expert Team on Integrated Marine Meteorological and Oceanographic Services Co-Chair – Eugene Burger
 - Joint Technical Commission for Oceanography and Marine Meteorology (JCOMM) Observations Coordination Group – Kevin O’Brien
- Years of the Maritime Continent Science Steering Committee – Chidong Zhang

Professional Society Committees

Acoustical Society of America

- Technical Committee on Animal Bioacoustics – David Mellinger
- Working Group S1/WG 28: Developing a standard for Passive Acoustic Monitoring for Marine Mammal Mitigation for Seismic Surveys – David Mellinger

American Association for the Advancement of Science (AAAS)

- Electorate Nominating Committee for the Atmospheric Hydrospheric Sciences Section – Patricia Quinn

American Geophysical Union (AGU)

- Bowie Medal Committee – Mike McPhaden
- Development Board – Mike McPhaden
- Ethics Committee – Mike McPhaden
- Fellows Town Hall Committee – Patricia Quinn
- Section Fellows Committee – Patricia Quinn

American Fisheries Society (AFS)

- Genetics Section Student Travel Award Committee – Carol Stepien
- Best Paper Judge – Carol Stepien

American Society of Civil Engineers

- Tsunami Loads and Effects Subcommittee – Yong Wei



American Meteorological Society (AMS)

- Awards Oversight Committee – Mike McPhaden
- Committee on Research Involvement – Mike McPhaden
- Nomination Committee – Chidong Zhang
- Oceanographic Research Awards Committee – Mike McPhaden
- Suomi Technology Medal Award Committee – Mike McPhaden

American Society of Ichthyologists and Herpetologists (ASIH)

- Best Paper Award Judge – Carol Stepien

Marine Technology Society

- 2018 Lithium Battery Workshop Chair – Chris Meinig

The Oceanography Society

- Fellows Evaluation Committee – Mike McPhaden
- Honors Nomination Committee – Mike McPhaden

II. Journal Editorships

Bulletin of the American Meteorological Society

- Mike McPhaden (editor)

Bulletin of the American Meteorological Society's Annual State of the Climate Report

- Greg Johnson (Global Oceans Chapter Editor)

Atmospheric Chemistry and Physics

- Patricia Quinn (co-editor)

Biological Invasion

- Carol Stepien (Associate Editor)

Deep Sea Research II - Understanding Ecosystem Processes in the Gulf of Alaska Volume 1

- Carol Ladd (Guest Editor)

Deep Sea Research II - Understanding Ecosystem Processes in the Gulf of Alaska Volume 2

- Carol Ladd (Guest Editor)

Deep Sea Research II – Ecosystem of the Chukchi Sea

- Carol Ladd (Guest Editor)



Ecological Processes

- Carol Stepien (Associate Editor)

Mathematics of Climate and Weather Forecasting

- Chidong Zhang (Editorial Advisory Board)

Frontiers in Earth Sciences

- Tamara Baumberger (Guest Editor)

Frontiers in Marine Sciences – Ocean Solutions

- Jessica Cross (Review Editor)

Frontiers in Marine Sciences – Energy, Water and Carbon Dioxide Fluxes at the Earth's Surface

- Meghan Cronin (Guest Editor)

Frontiers in Marine Sciences – Global Change and the Future Ocean

- Darren Pilcher (Guest Editor)

Geophysical Research Letters

- Meghan Cronin (Editor and Associate Editor)

Journal of Geophysical Research

- Chidong Zhang (Editor)

Journal of Marine Research

- Greg Johnson (Board of Editors)

Journal of Physical Oceanography

- Greg Johnson (Associate Editor)
- Billy Kessler (Editor)

Journal of the Meteorological Society of Japan

- Chidong Zhang (Guest Editor)

Molecular Phylogenetics and Evolution

- Carol Stepien (Editorial Board)

Ocean Dynamics

- Mike McPhaden (Guest Editor)



PLoS One

- Haru Matsumoto (Editor)

III. University Leadership and Service

Oregon State University

- Coastal Hypoxia Research Project Management Transition Advisory Group – Michelle McClure
- Hatfield Marine Science Center Management Committee – Bob Dziak

University of Washington

- Program on Climate Change Board – Greg Johnson
- Chemical Oceanography Prospective Student Review Committee – Joe Resing
- College of the Environment Diversity Committee – Adi Hanein
- College of the Environment Science Communication Advisory Group – Adrienne Sutton

IV. University Affiliations

Oregon State University – Department of Fisheries and Wildlife

- Carol Stepien – Affiliate Full Professor

Oregon State University – College of Earth Ocean and Atmospheric Sciences

- Robert Dziak – Adjunct Faculty
- William Chadwick – Adjunct Faculty
- John Lupton – Adjunct Professor
- Robert Embley – Adjunct Professor
- Joe Haxel – Assistant Professor (Senior Research)
- Tamara Baumberger – Assistant Professor (Senior Research)
- Haru Matsumoto – Assistant Professor (Senior Research)
- David Mellinger – Professor (Senior Research)

University of Toledo – Department of Environmental Sciences

- Carol Stepien – Distinguished University Professor of Ecology

US National Museum of Natural History – Smithsonian Institution

- Carol Stepien – Research Associate

University of Washington – Department of Atmospheric Sciences

- D.E. Harrison – Affiliate Professor



- Nick Bond – Affiliate Associate Professor
- Tim Bates – Affiliate Associate Professor
- Chidong Zhang – Affiliate Professor
- James Overland – Affiliate Professor

University of Washington – Department of Chemistry

- Patricia Quinn – Affiliate Associate Professor

University of Washington – School of Oceanography

- Rolf Sonnerup – Affiliate Assistant Professor
- Albert Hermann – Affiliate Associate Professor
- David Butterfield – Affiliate Associate Professor
- Joe Resing – Affiliate Associate Professor
- Simone Alin – Affiliate Associate Professor
- Billy Kessler – Affiliate Professor
- Carol Stepien – Affiliate Professor
- D.E. Harrison – Affiliate Professor
- Greg Johnson – Affiliate Professor
- Meghan Cronin – Affiliate Professor
- Mike McPhaden – Affiliate Professor
- Richard Feely – Affiliate Professor

V. Cooperative Institutes

CIMRS 2030 Steering Committee

- Bob Dziak

CIMRS Executive Committee

- Michelle McClure

CIMRS Science Advisory Council

- William Chadwick
- Carol Stepien

JIMAR Senior Fellow

- Billy Kessler
- D.E. Harrison
- Greg Johnson



- Mike McPhaden

JISAO Senior Fellow

- Billy Kessler
- D.E. Harrison
- Greg Johnson
- Meghan Cronin
- Mike McPhaden
- Patricia Quinn
- Phyllis Stabeno
- Richard Feely
- Tim Bates

JISAO Diversity and Inclusion Workgroup

- Daryn White
- Heather Tabisola
- Muyin Wang

JISAO Executive Committee

- Michelle McClure

JISAO Grants Selection Committee

- Carol Stepien

JISAO Postdoc Review Committee

- Carol Ladd
- Joe Resing
- Carol Stepien
- Meghan Cronin

JISAO Science Advisory Council

- Carol Stepien

JISAO/PMEL Council

- Billy Kessler
- Chidong Zhang
- James Overland
- Meghan Cronin



- Michelle McClure
- Mike McPhaden
- Patricia Quinn
- Phyllis Stabeno
- Richard Feely

VI. Membership in Professional Societies

American Association for the Advancement of Science (AAAS)

- Carol Stepien
- Richard Feely
- Patricia Quinn

American Geophysical Union (AGU)

- Albert Hermann
- Billy Kessler
- Carol Stepien
- Darren Pilcher
- Dongxiao Zhang
- Greg Johnson
- Jessica Cross
- Joseph Resing
- Marie Eblé
- Meghan Cronin
- Muyin Wang
- Patricia Quinn
- Mike McPhaden (Past President)
- Richard Feely (Secretary for Marine Geochemistry)

American Association of University Women

- Carol Stepien

American Chemical Society

- Jessica Cross
- Richard Feely

American Meteorological Society (AMS)

- Billy Kessler



- Greg Johnson
- Meghan Cronin
- Mike McPhaden
- Patricia Quinn

Association for the Sciences of Limnology and Oceanography (ASLO)

- Bonnie Chang
- Darren Pilcher

Association for Women in Science

- Carol Stepien
- Jessica Cross

Earth Science Women's Network

- Jessica Cross

European Geophysical Union

- Mike McPhaden
- Dongxiao Zhang

European Society of Evolutionary Biology

- Carol Stepien

Marine Technology Society

- Chris Meinig
- Matt Casari
- Noah Lawrence-Slavas
- Scott Stalin

Society for the Study of Evolution

- Carol Stepien

Society for Women in Marine Science

- Adi Hanein
- Adrienne Sutton
- Bonnie Chang
- Carol Stepien
- Chanelle Cadot
- Jessica Masich



PMEL
Pacific Marine Environmental Laboratory

- Lucia Upchurch
- Michelle McClure
- Paige Lavin
- Simone Alin
- Sophie Chu
- Susanna Michael

Society of Systematic Biologists

- Carol Stepien

The Oceanography Society (TOS)

- Mike McPhaden