

CONTEXT FOR THE REVIEW

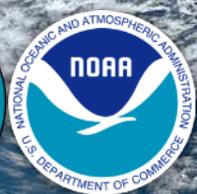
Gary Matlock, Ph.D.

Deputy Assistant Administrator

for Science(A)

Office of Oceanic & Atmospheric Research

March 8, 2017





NOAA'S NEXT GENERATION STRATEGIC PLAN GOALS

Healthy Oceans



Weather Ready Nation



Climate Adaptation & Mitigation



Resilient Coastal Communities & Economies



SCIENCE & TECHNOLOGY





OAR'S ORGANIZATION WITHIN NOAA

LINE OFFICES



NATIONAL MARINE FISHERIES SERVICE



NATIONAL OCEAN SERVICE



NATIONAL ENVIRONMENTAL SATELLITES & DATA INFORMATION SERVICE



OCEANIC & ATMOSPHERIC RESEARCH



NATIONAL WEATHER SERVICE



OFFICE OF MARINE & AVIATION OPERATIONS

OAR LEADERSHIP

Assistant Administrator
Oceanic & Atmospheric Research (OAR)
Craig N. McLean

Deputy Assistant Administrator
Programs & Administration
Ko Barrett

Deputy Assistant Administrator for Science
Dr. Gary Matlock (A)

PROGRAMS

Climate Program Office
Dr. Wayne Higgins

National Sea Grant College
Program
Dr. Jonathan Penneck

Office of Ocean
Exploration & Research
Dr. Alan Leonardl

Office of Weather & Air
Quality
Dr. John Cortinas

Ocean Acidification
Program
Dr. Libby Jewett

Unmanned Aircraft
Systems
Robbie Hood

Technology Partnerships
Office
Kelly Wright

HQ STAFF OFFICES

Chief Financial Officer & Chief
Admin. Officer
Vacant

Office of Policy Planning &
Evaluation
**Dr. Gary Matlock (acting
as DAA Science)**

International Activities Staff
René Eppl

Communications Office
**Barry
Reichenbaugh**

EEO/Diversity Office
Nicole Mason

HQ OFFICES

Laboratories &
Cooperative Institutes
Vacant

Cooperative Institute
Program Office
Dr. Candice Jongsma

Science Advisory Board
Dr. Cynthia Decker

IT Management Office /
Assistant CIO for Research
Jeremy Warren

LABORATORIES

Air Resources Laboratory
Vacant

Atlantic Oceanographic &
Meteorological Laboratory
Dr. Robert Atlas

Geophysical Fluid
Dynamics Laboratory
**Dr. Venkatachalam
Ramaswamy**

Great Lakes Environmental
Research Laboratory
Deborah Lee

National Severe Storms
Laboratory
Dr. Stephen Koch

Pacific Marine
Environmental Laboratory
Dr. Chris Sabine

Earth System Research
Laboratories (ESRL)

ESRL Chemical Sciences
Division
Dr. David Fahey

ESRL Global Monitoring
Division
Dr. James Butler

ESRL Global Systems
Division
Kevin Kelleher

ESRL Physical Sciences
Division
Dr. Robert Webb

NOAA Research Organizational Chart
January 19, 2017





OAR'S VISION & MISSION



To Deliver NOAA's Future

VISION



Conduct research to understand and predict the Earth system; develop technology to improve NOAA science, service and stewardship; and transition the results of research to applications and operations for the benefit of

society
MISSION





POWER OF PARTNERSHIPS

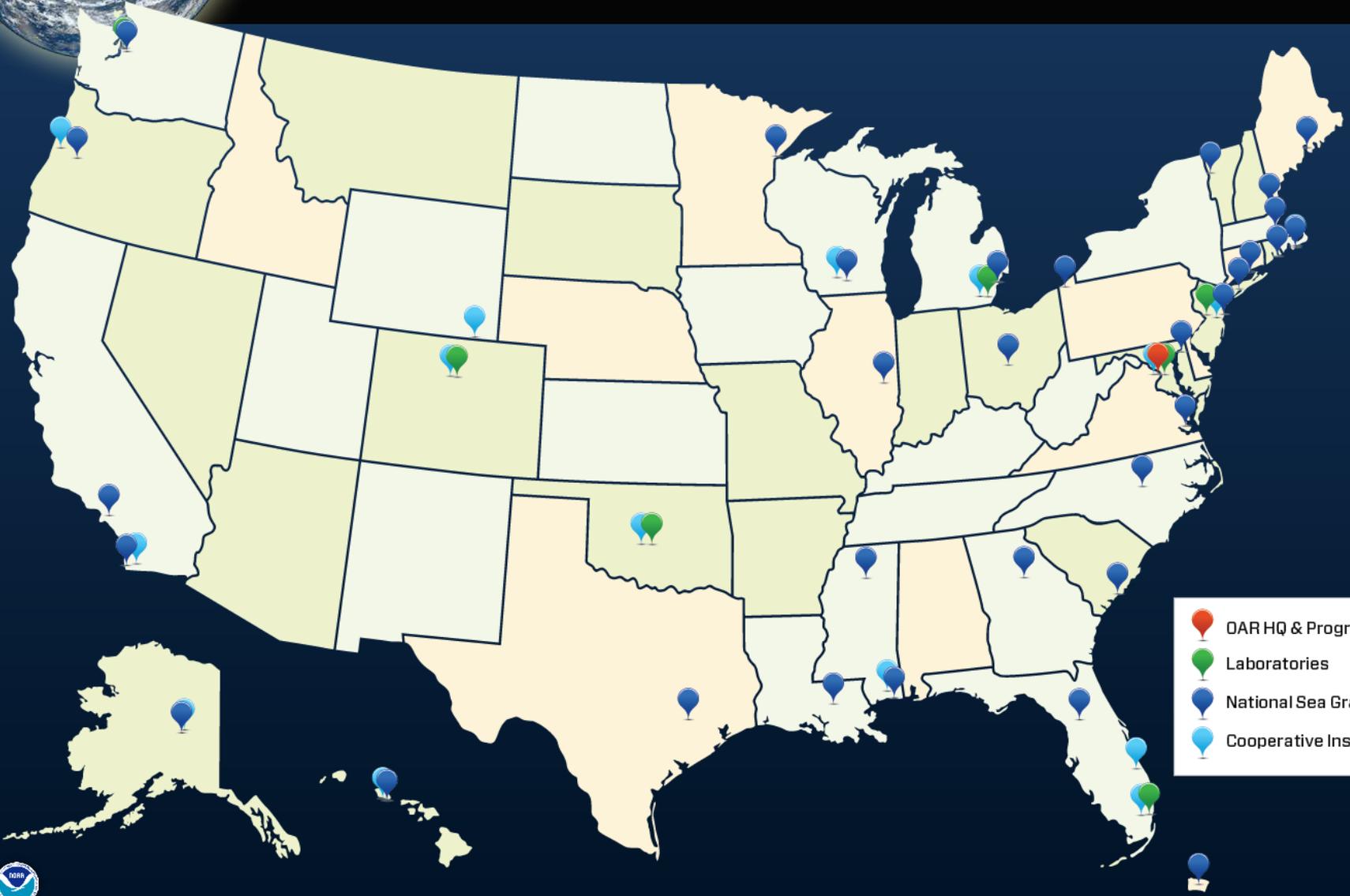
Labs
Programs
Partners

Key OAR Partners:
Cooperative Institutes
and Sea Grant Programs





WHERE IS OAR?





COOPERATIVE INSTITUTES

Are NOAA supported, non-federal organizations located at degree-granting institutions whose research reinforces NOAA's mission and priorities

Are often co-located and collaborate directly with NOAA's diverse research communities, programs and labs

Have portfolios ranging from satellite climatology and fisheries biology to atmospheric chemistry and coastal ecology

Provide complementary scientific expertise

Widen pool of young scientists in topics of interest to NOAA





UAS PO RESEARCH DRIVERS

LEGISLATIVE DRIVERS

“National Weather Service Organic Act” 15 USC § 313

“Inland Flood Forecasting and Warning System Act of 2002.” 15 USC § 313c,

“Federal Aviation Act,” 49 USC § 1463

“National Ocean Survey,” 33 USC § 17

“Air Pollution Prevention and Control,” 42 USC § 85

“Global Change Research Act,” 15 USC § 2921 et. seq.

“Marine Mammal Protection”, § 35 “Endangered Species”, and § 38 “Fishery Conservation and Management,” 16 USC § 31

“Magnuson-Stevens Fishery Conservation and Management Act,” 16 USC § 1801 et. seq.

“Management of Government Aircraft,” 41 CFR § 102–33

POLICY DRIVERS

The Final Recommendations of the Interagency Ocean Policy Task Force

NOAA's Arctic Vision and Strategy

The NOAA National Weather Service Strategic Plan 2011 – 2020

The National Hurricane Operations Plan and the National Winter Storms Operations Plan

The First U.S. Integrated Ocean Observing System (IOOS) Development Plan

Interagency Oceans and Human Health Research Implementation (OHRI) Plan

U.S. Department of Commerce Strategic Plan for Fiscal Years 2014-201

NOAA Five-Year Research and Development Plan (2013-2017)

NOAA Annual Guidance Memorandum FY2016-2020
OAR Strategic Plan (2014)



NOAA'S FUNDING PROCESS





NOTIONAL APPROACH TO PLANNING R&D



Various balances of input from top and bottom



CHARGE TO REVIEWERS



QUALITY: Assess quality of program's R&D



RELEVANCE: Assess program's R&D relevance to NOAA's mission & value to Nation



PERFORMANCE: Assess overall effectiveness of program's plans & R&D in meeting NOAA's Strategic Plan objectives & Nation's needs



HOW OAR USES YOUR REVIEW

Inform performance improvements and portfolio management;

Encourage innovative and collaborative approaches to meet goals and objectives;

Assess research contributions and clearly articulate the value of the research toward achieving the NOAA mission and as appropriate interagency goals;

Evaluate the outcomes of OAR research, development, and transition; and

Highlight directions for future strategic plans.





HOW OAR USES YOUR REVIEW

Thank you for your time and effort in the review process

We appreciate your hard work, and hope you enjoy learning about the current UASPO-related science

