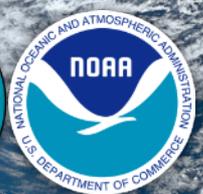


# CONTEXT FOR THE REVIEW

**Gary Matlock, Ph.D.**

Deputy Assistant Administrator  
for Programs and Administration (A)  
Office of Oceanic & Atmospheric  
Research

March 22, 2016





# NOAA'S NEXT GENERATION STRATEGIC PLAN GOALS

Healthy Oceans



Weather Ready Nation



Climate Adaptation & Mitigation



Resilient Coastal Communities & Economies



SCIENCE & TECHNOLOGY





# America's Environmental Intelligence Agency: 2014 - 2018 Priorities

MONITORING

MODELING



OBSERVATIONS

ASSESSMENT

FORECAST & PRODUCTS



Provide information and services to make communities more resilient



Evolve the Weather Service



Invest in observational infrastructure



Achieve organizational excellence





# NOAA'S ORGANIZATION

## 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

Assistant Administrator  
Oceanic & Atmospheric Research (OAR)  
**Craig McLean**

Deputy Assistant Administrator  
Programs & Administration  
**Dr. Gary Matlock (A)**

Deputy Assistant Administrator  
Laboratories & Cooperative Institutes  
**Dr. Michael Farrar**

### HQ STAFF OFFICES

Chief Financial Officer & Chief Administrative Officer <b>Jason Donaldson</b>	EEQ/Diversity Office <b>Nicole Mason</b>
Office of Policy, Planning & Evaluation <b>Dr. Gary Matlock</b>	International Activities <b>René Eppi</b>
	Technology Partnerships Office <b>Kelly Wright</b>
Communications Office <b>Barry Reichenbaugh</b>	

### PROGRAMS

Climate Program Office <b>Dr. Wayne Higgins</b>	Office of Ocean Exploration & Research <b>Dr. Alan Leonardi</b>
National Sea Grant College Program <b>Dr. Nikola Garber (A)</b>	Ocean Acidification Program <b>Dr. Libby Jewett</b>
Office of Weather & Air Quality <b>Dr. John Cortinas</b>	Unmanned Aircraft Systems Program <b>Robbie Hood</b>

### LABORATORIES

Earth System Research Laboratory <b>Kevin Kelleher (A)</b>	Global Monitoring Division Physical Sciences Division Chemical Sciences Division Global Systems Division
Air Resources Laboratory <b>Richard Artz (A)</b>	Atlantic Oceanographic & Meteorological Laboratory <b>Dr. Robert Atlas</b>
Great Lakes Environmental Research Laboratory <b>Deborah Lee</b>	National Severe Storms Laboratory <b>Dr. Steven Koch</b>
Geophysical Fluid Dynamics Laboratory <b>Dr. Venkatachalam Ramaswamy</b>	Pacific Marine Environmental Laboratory <b>Dr. Chris Sabine</b>

### HQ OFFICES

Laboratories & Cooperative Institutes <b>Vacant</b>
Science Advisory Board <b>Dr. Beth Turner (A)</b>
IT Management Office / Assistant CIO For Research <b>Jeremy Warren</b>
Cooperative Institute Program <b>Dr. Candice Jongsma</b>





# OAR'S VISION & MISSION



To Deliver NOAA's Future.

**VISION**



Conduct research to understand and predict the Earth's oceans, weather and climate, to advance NOAA science, service and stewardship and transition the results so they are useful to society.

**MISSION**



# POWER OF PARTNERSHIPS

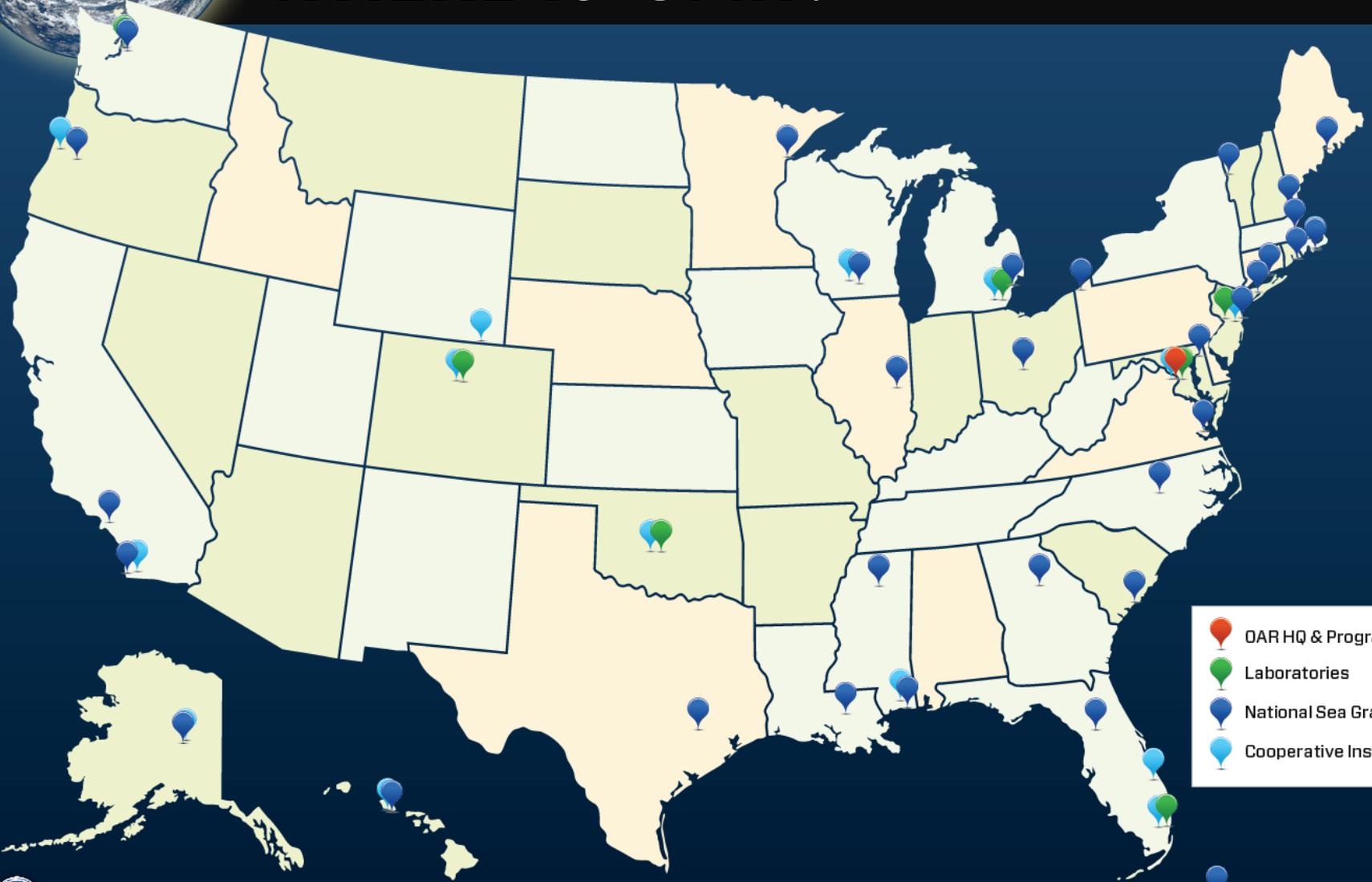
Labs  
Programs  
Partners

**Key OAR Partners:**  
Cooperative Institutes  
and Sea Grant Programs





# WHERE IS OAR?



-  OAR HQ & Programs
-  Laboratories
-  National Sea Grant Program
-  Cooperative Institutes





# 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



# GLERL RESEARCH DRIVERS

## LEGISLATIVE DRIVERS

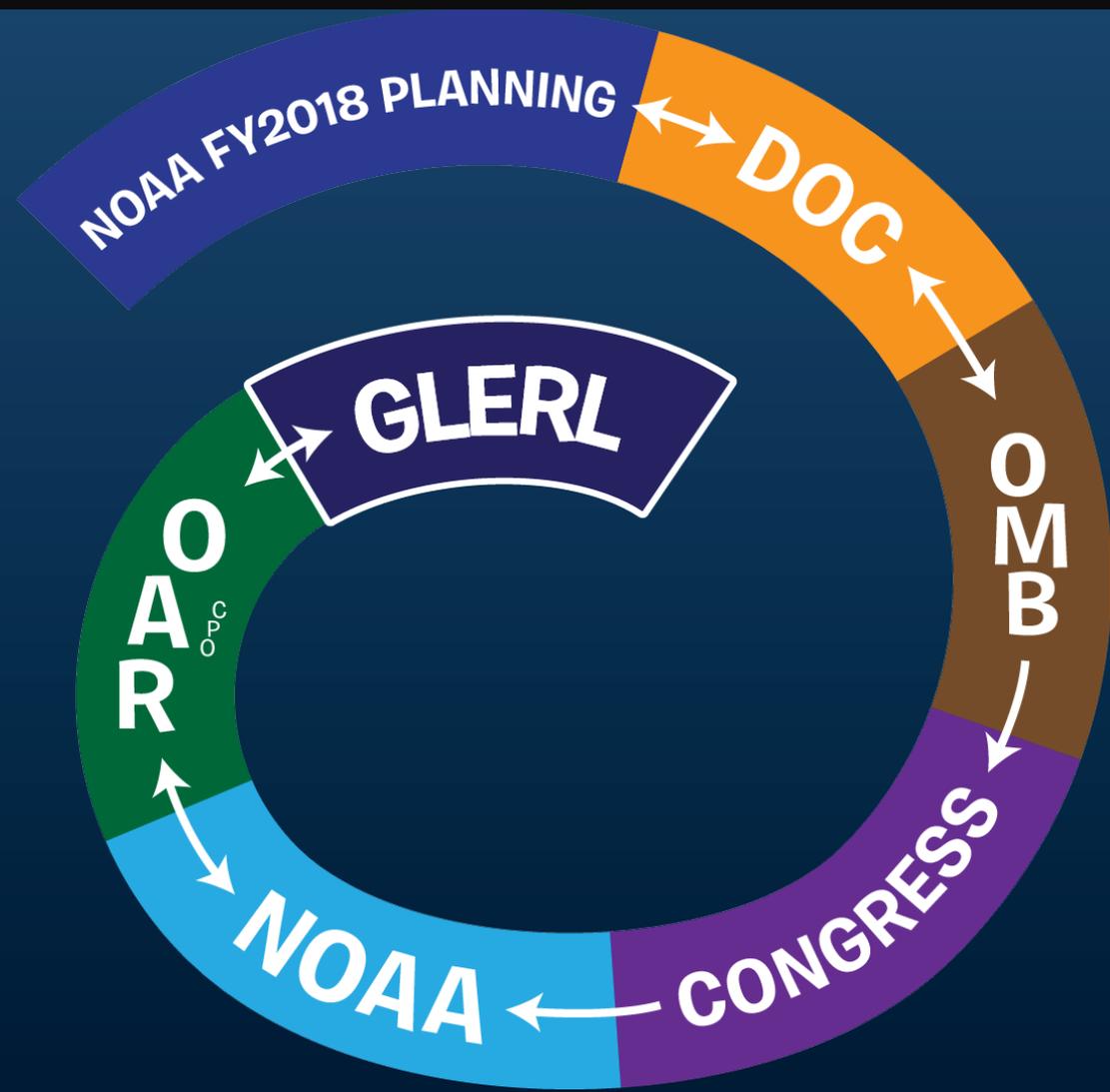
- Great Lakes Research Office as authorized in the 1987 Clean Water Act Amendments (33 U.S.C. 1268)
- 15 U.S.C. § 1511 - Commerce and Trade Sec. 2901
- 16 U.S.C. § 4722 - Aquatic Nuisance Species Program
- Great Lakes Water Quality Agreement of 1978—amended in 1983, 1987, and 2012
- 33 U.S.C. § 145—Harmful Algal Bloom And Hypoxia Research And Control Act Of 1998, 2014
- Great Lakes Restoration Initiative (GLRI) Executive Order 13340 (2004)
- 15 U.S.C. § 2901 - National Climate Program Act
- 16 U.S.C. § 760e – Study of Migratory Game Fish; Waters; Research Purpose
- 42 U.S.C. § 7412 – Public Health & Welfare – Pollution Prevention and Control
- 15 U.S.C. § 1525, 1540 – Cooperative Agreements / Reimbursement to Further NOAA's Mission
- 33 U.S.C. § 1268 – Navigation and Navigable Waters – Water Pollution Prevention and Control – Research and Related programs

## POLICY DRIVERS

- National Ocean Policy
- United States Global Change Research Program (USGCRP)
- US Ocean Commission Blueprint
- Great Lakes Restoration Initiative Action Plan II (2014-2019)
- U.S. Department of Commerce Strategic Plan for Fiscal Years

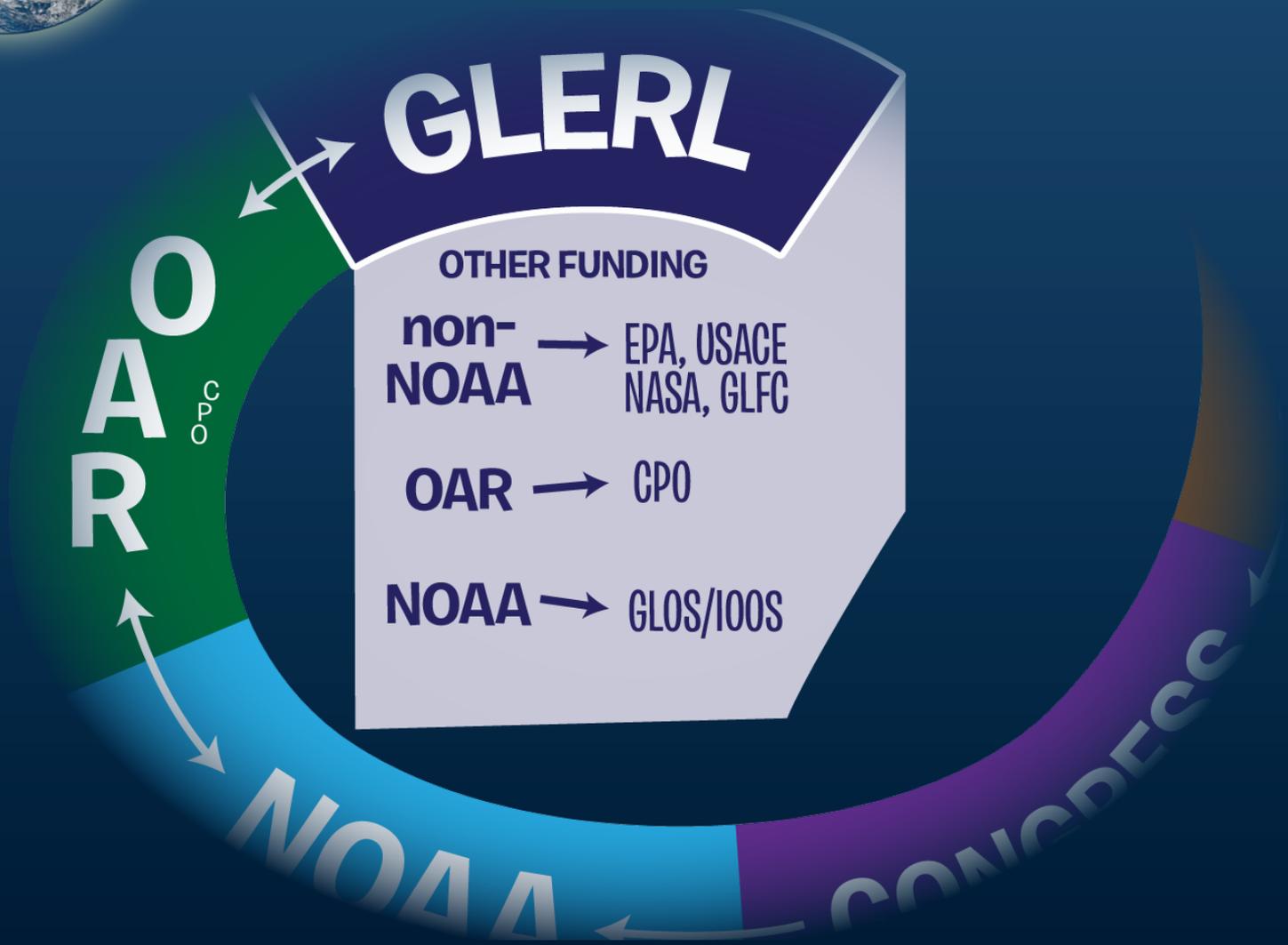


# NOAA'S FUNDING PROCESS



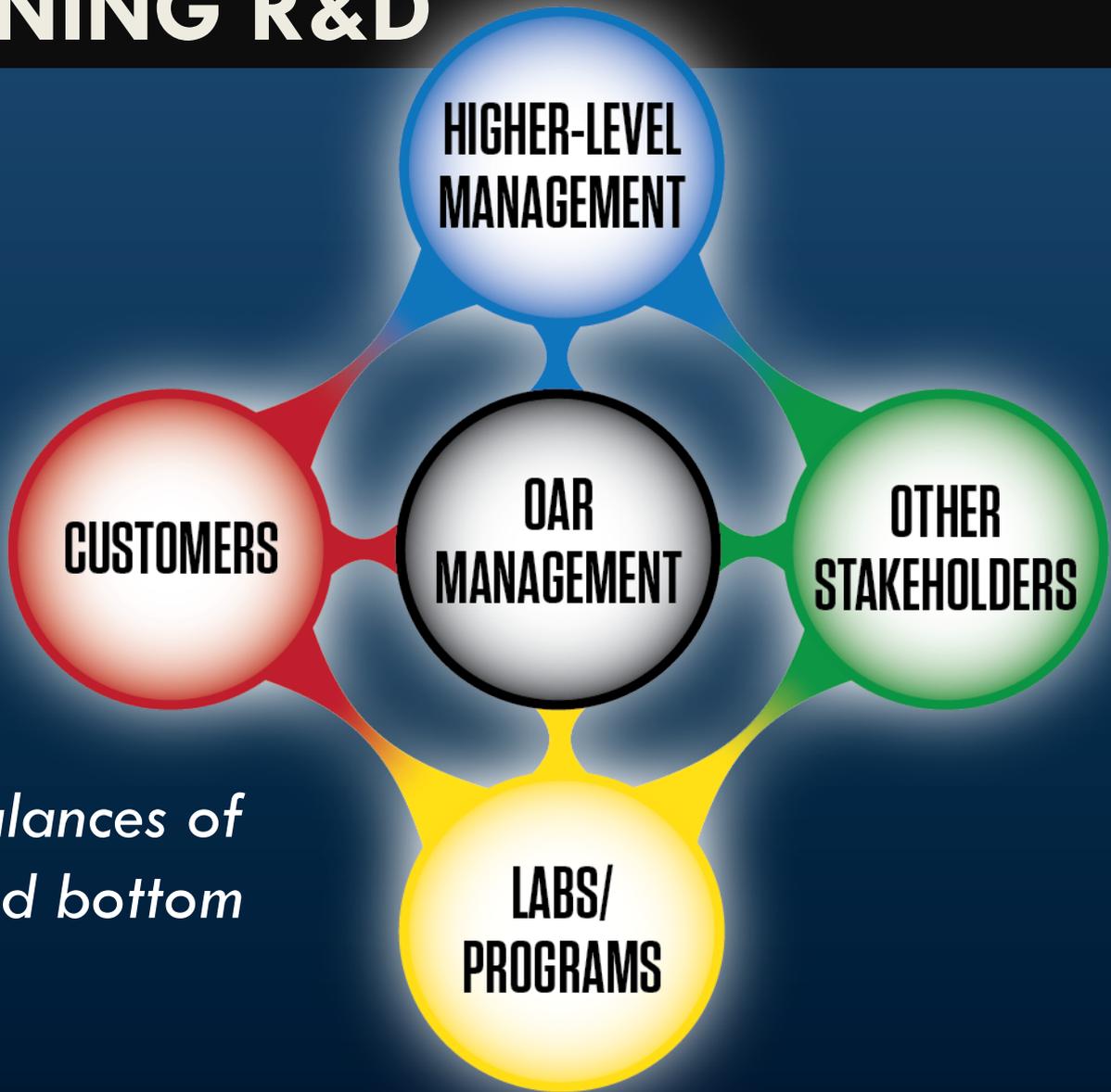


# NOAA'S FUNDING PROCESS





# NOTIONAL APPROACH TO PLANNING R&D



*Various balances of input from top and bottom*



# CHARGE TO REVIEWERS



**QUALITY:** Assess quality of lab's R&D



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



**PERFORMANCE:** Assess overall effectiveness of lab'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 science at GLERL



# BACKUP SLIDES

