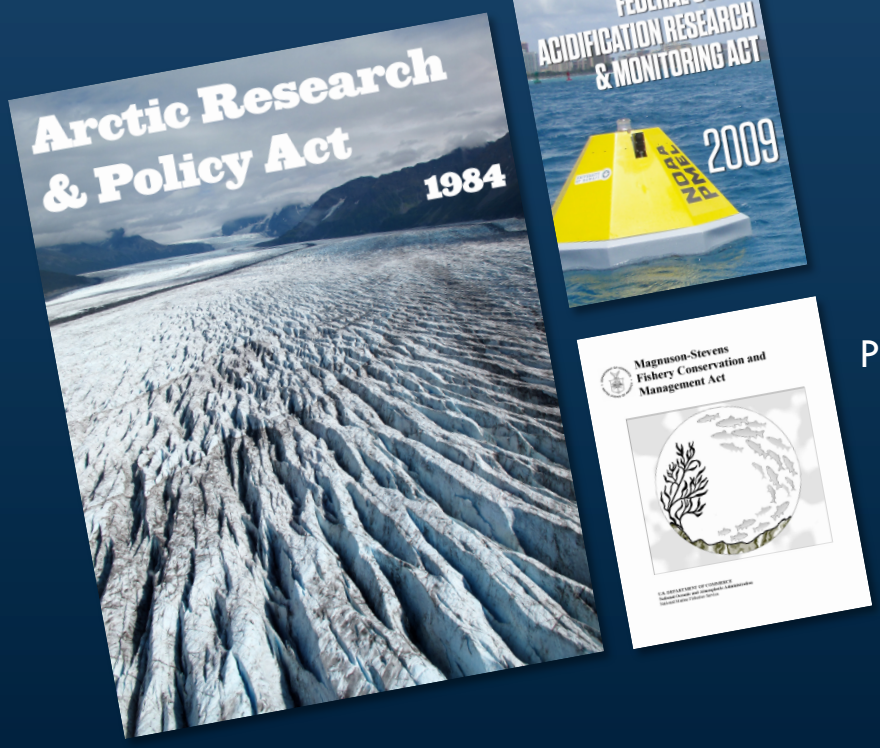
CONTEXT FOR THE REVIEW

Steven Fine, Ph.D.
Deputy Assistant Administrator for Laboratories & Cooperative Institutes
Office of Oceanic & Atmospheric Research
September 9, 2014

PMEL RESEARCH DRIVERS



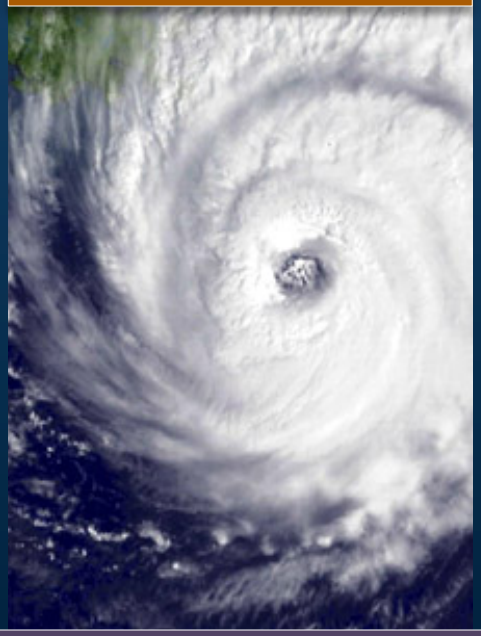
LEGISLATIVE DRIVERS

- Arctic Research and Policy Act (1984)
- Integrated Coastal and Ocean Observation System Act (2009)
- Federal Ocean Acidification Research and Monitoring Act (2009)
- NOAA Undersea Research Program Act (2009)
- Tsunami Warning and Education Act (2006)
- Magnuson-Stevens Reauthorization Act (2006)
- U.S. Global Change Research Act (1990)
- Deficit Reduction Act of 2005 (directed funding for Tsunami Research)
- Marine Mammal Protection Act (1972)
- Endangered Species Act (1973)
- Clean Air Act (1970)

POLICY DRIVERS

- HSPD-25/NSPD-66, Arctic Region Policy Directive (2009)
- Presidential Proclamation 8335, establishment of Marianas Trench Marine National Monument (2009)
- NOAA's Arctic Action Plan (2014)
- US Climate Change Science Program Research Plan (2008)
- UN Framework Convention on Climate Change (1992)
- US Carbon Cycle Science Plan (2011)
- Global Climate Observing System Implementation Plan (2004)
- Strategic Plan for Federal Research and Monitoring of Ocean Acidification (2014)
- NOAA Ocean and Great Lakes Acidification Research Plan (2010)
- President's Climate Action Plan (2013)

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

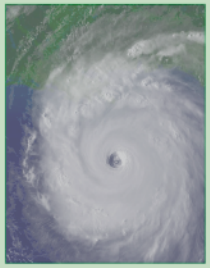
Achieve organizational excellence

NOAA'S ORGANIZATION

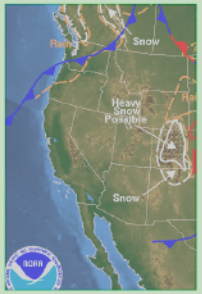
LINE OFFICES


NATIONAL MARINE FISHERIES SERVICE


NATIONAL OCEAN SERVICE


NATIONAL ENVIRONMENTAL SATELLITES & DATA INFORMATION SERVICE


OCEANIC & ATMOSPHERIC RESEARCH



NATIONAL WEATHER SERVICE

PROGRAM PLANNING & INTEGRATION

LEADERSHIP

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

Deputy Assistant Administrator
Programs & Administration
Dr. Steven Fine (A)

Deputy Assistant Administrator
Laboratories & Cooperative Institutes
Dr. Steven Fine

Chief Science Advisor
Dr. Alexander MacDonald

PROGRAMS

Climate Program Office
Dr. Wayne Higgins

National Sea Grant College Program
Dr. Leon Cammen

Office of Ocean Exploration & Research
John McDonough (A)

Office of Weather & Air Quality
Dr. John Cortinas

Ocean Acidification Program
Dr. Libby Jewett

LEADERSHIP/HQ STAFF OFFICES

Chief Financial Officer & Chief Administrative Officer
Jason Donaldson

Office of Policy, Planning & Evaluation
Dr. Gary Matlock

International Activities Staff
René Eppi

Communications Office
Barry Reichenbaugh

HQ OFFICES

Laboratories & Cooperative Institutes
Dr. Mike Uhart

Science Advisory Board Staff
Dr. Cynthia Decker

LABORATORIES

Air Resources Laboratory
Richard Artz (A)

Atlantic Oceanographic & Meteorological Laboratory
Dr. Robert Atlas

Geophysical Fluid Dynamics Laboratory
Dr. Venkatachalam Ramaswamy

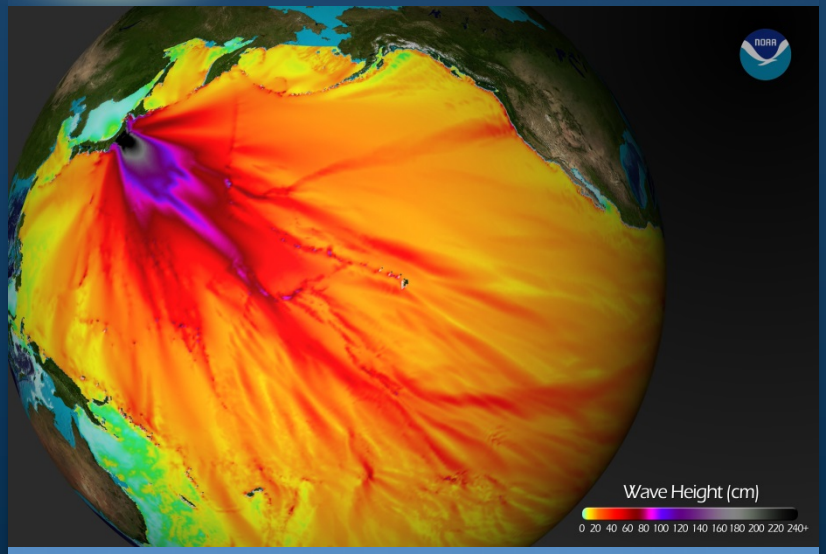
Earth System Research Lab
Global Monitoring Division
Physical Sciences Division
Chemical Sciences Division
Global Systems Division
Dr. Alexander MacDonald

Great Lakes Environmental Research Laboratory
Dr. John Bratton (A)

National Severe Storms Laboratory
Dr. Steven Koch

Pacific Marine Environmental Laboratory
Dr. Chris Sabine

OAR'S VISION & MISSION



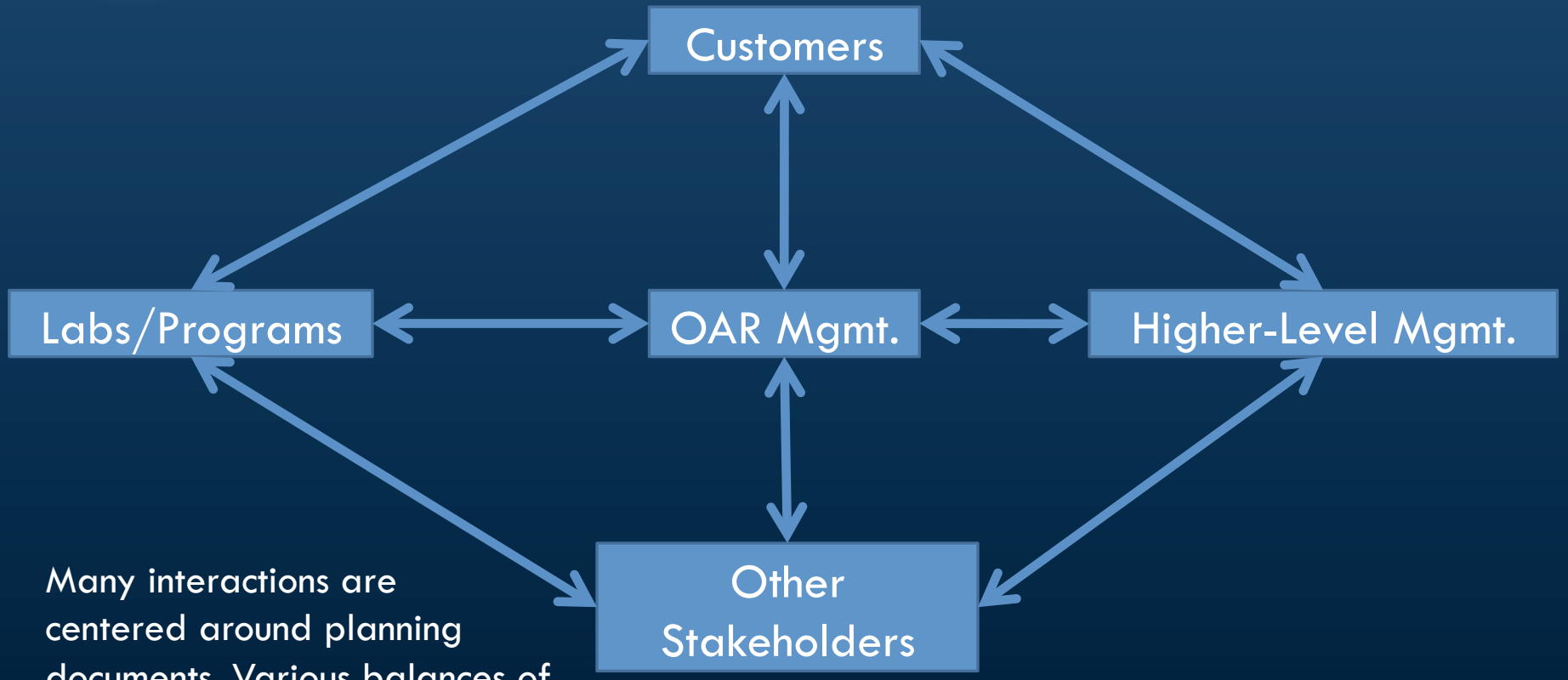
To be a trusted world leader in observing, modeling, understanding and predicting the Earth system.

VISION

To conduct research to understand and predict the Earth system; develop technology to improve NOAA science, service and stewardship; and transition the results so they are useful to society.

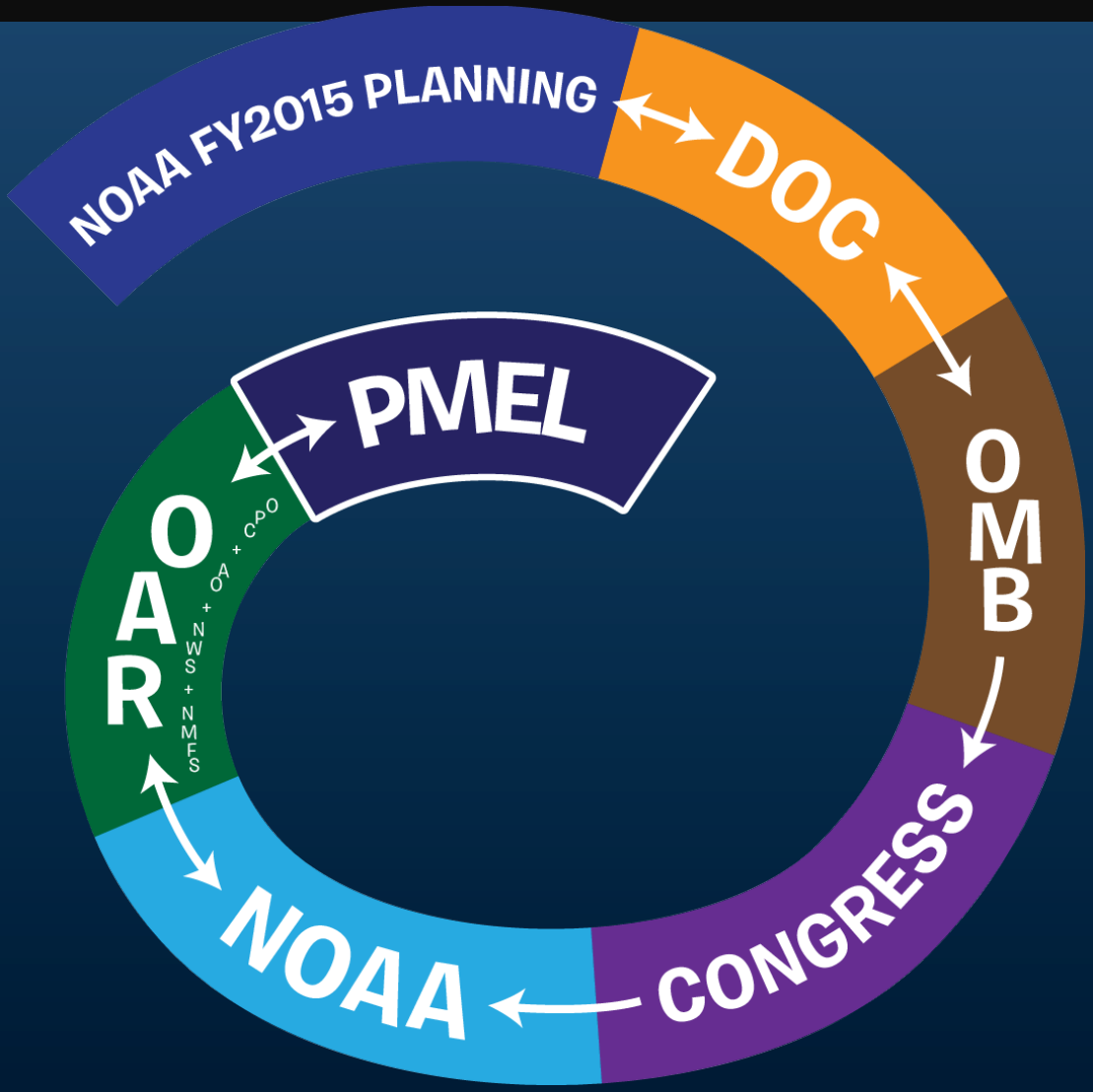
MISSION

NOTIONAL APPROACH TO PLANNING R&D

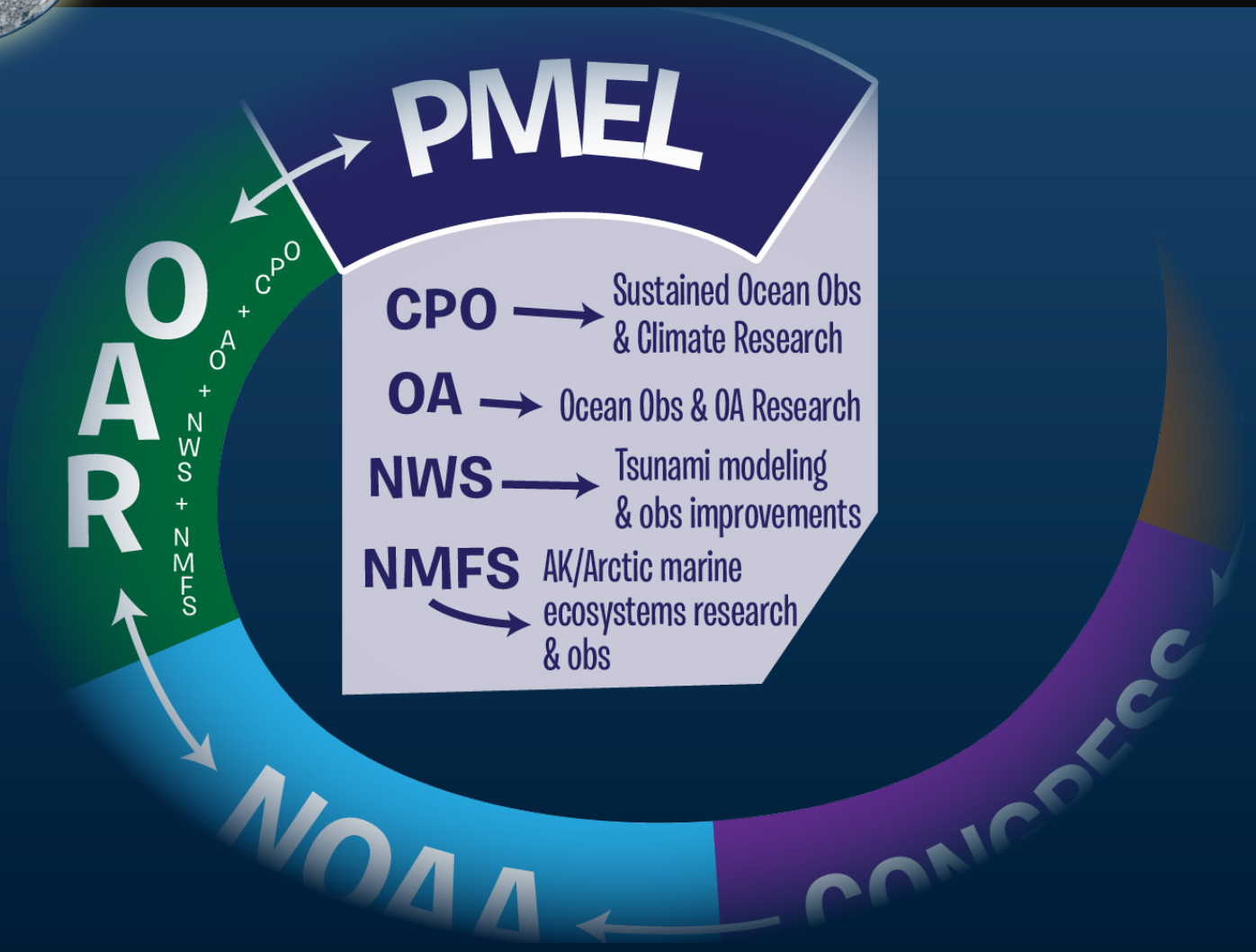


Many interactions are centered around planning documents. Various balances of input from top and bottom.

NOAA'S FUNDING PROCESS



NOAA'S FUNDING PROCESS



CHARGE TO REVIEWERS

QUALITY: Assess quality of lab's R&D

RELIVANCE: 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

Assist OAR labs in strategically positioning, planning, & executing future science

Maintain consistency with NOAA planning & budgeting

Recognize lab scientists' leadership excellence & contributions in research fields

Identify equipment & facility deficiencies