

CONTEXT FOR THE REVIEW

Steven Fine, Ph.D.

Deputy Assistant Administrator for Laboratories &
Cooperative Institutes

Office of Oceanic & Atmospheric Research

May 20th, 2014





GFDL RESEARCH DRIVERS

LEGISLATIVE DRIVERS

- National Weather Service Organic Act (1890)
- National Climate Program Act (1978)
- Global Climate Protection Act (1987)
- Global Change Research Act (1990)
- High Performance Computing and Communication Act (1991)
- Data Quality Act (2001)
- Integrated Coastal and Ocean Observation System Act (2009)
- Federal Ocean Acidification Research and Monitoring Act (2009)

POLICY DRIVERS

- US Climate Change Science Program Research Plan (2008)
- UN Framework Convention on Climate Change
- Montreal Protocol on Substances that Deplete the Ozone Layer
- United States Global Change Research Program (USGCRP)
- US Carbon Cycle Science Plan
- Global Climate Observing System Implementation Plan
- Global Earth Observing System of Systems (GEOSS) Strategic Plan
- NOAA's Arctic Action Plan
- National Strategy for the Arctic Region Implementation Plan (2014)





NOAA'S NEXT GENERATION STRATEGIC PLAN GOALS

Healthy Oceans



Weather Ready Nation



Climate Adaptation & Mitigation



Resilient Coastal Communities & Economies



SCIENCE & TECHNOLOGY



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
**Dr. Terry
Schaefer (A)**

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

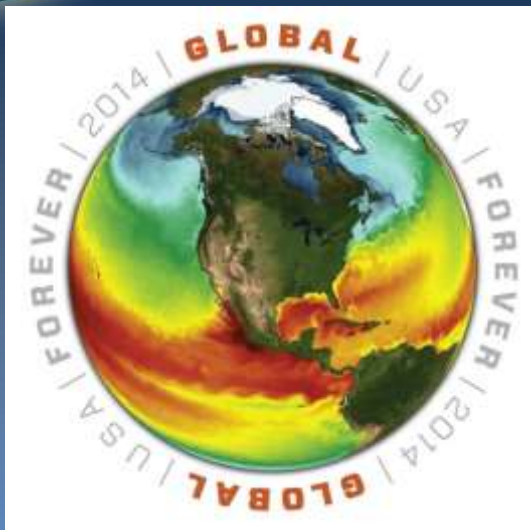
Great Lakes Environmental
Research Laboratory
Dr. John Bratton (A)

National Severe Storms
Laboratory
Dr. Steven Koch

Pacific Marine Environmental
Laboratory
Dr. Chris Sabine

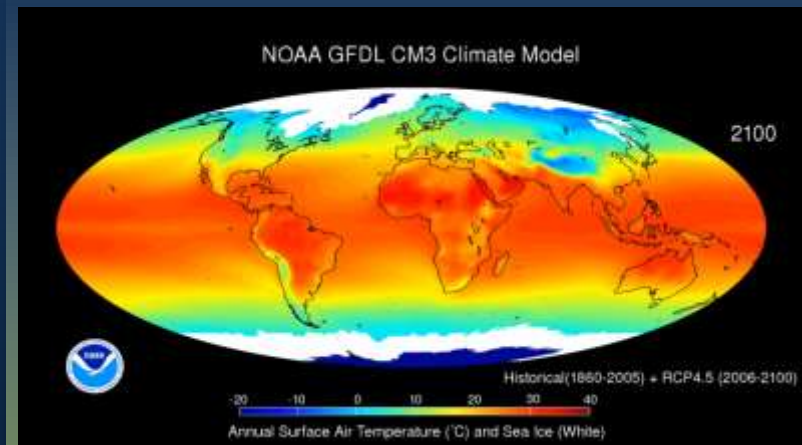


OAR'S VISION & MISSION



A society that uses the results of our research as the scientific basis for more productive and harmonious relationships between humans and the environment.

VISION

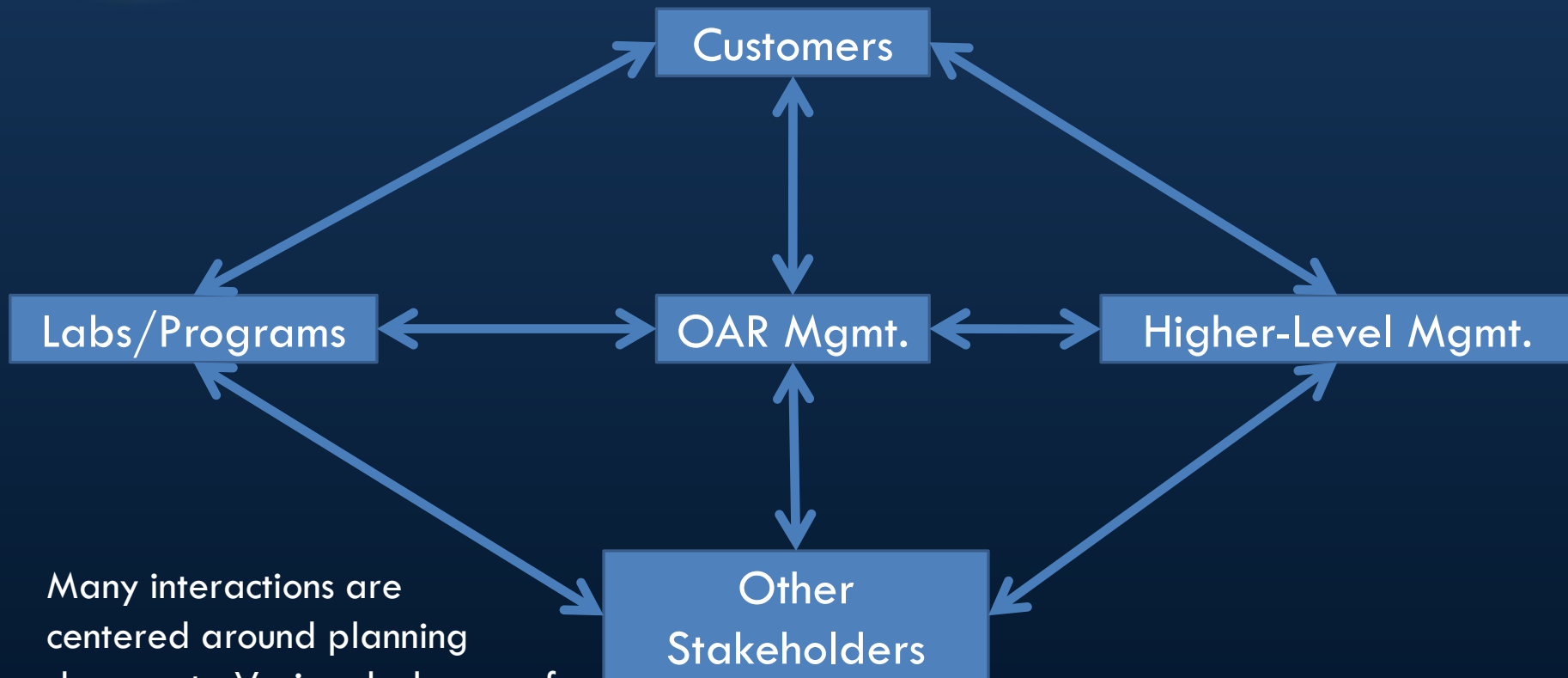


To conduct environmental research, provide scientific information and research leadership, and transfer research into products and services to help NOAA meet the evolving economic, social, and environmental needs of the Nation.

MISSION



NOTIONAL APPROACH TO PLANNING R&D



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

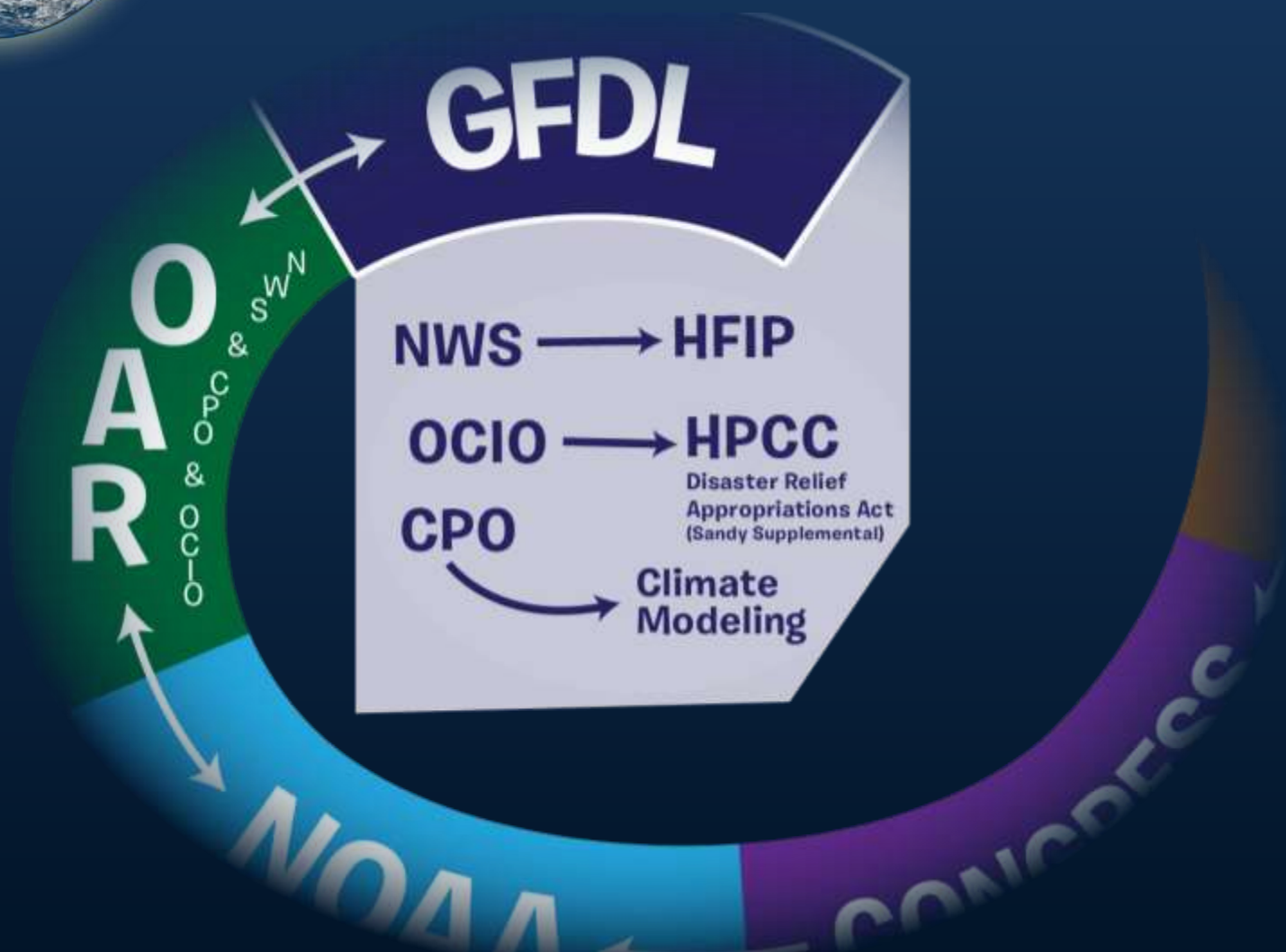


NOAA'S FUNDING PROCESS



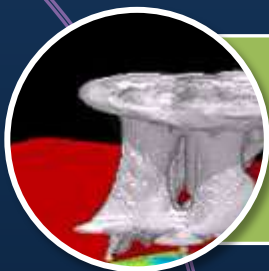


NOAA'S FUNDING PROCESS





CHARGE TO REVIEWERS



QUALITY: Assess quality of lab's R&D



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

Assist 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

Locate communication strengths & weaknesses between labs/offices/ leadership

