

CONTEXT FOR THE REVIEW

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February 25, 2015





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 AND AVIATION OPERATIONS

LEADERSHIP

Assistant Administrator
Oceanic & Atmospheric
Research (OAR)

Craig McLean

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

Dr. Alan Leonardi

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

Deborah Lee

National Severe Storms
Laboratory

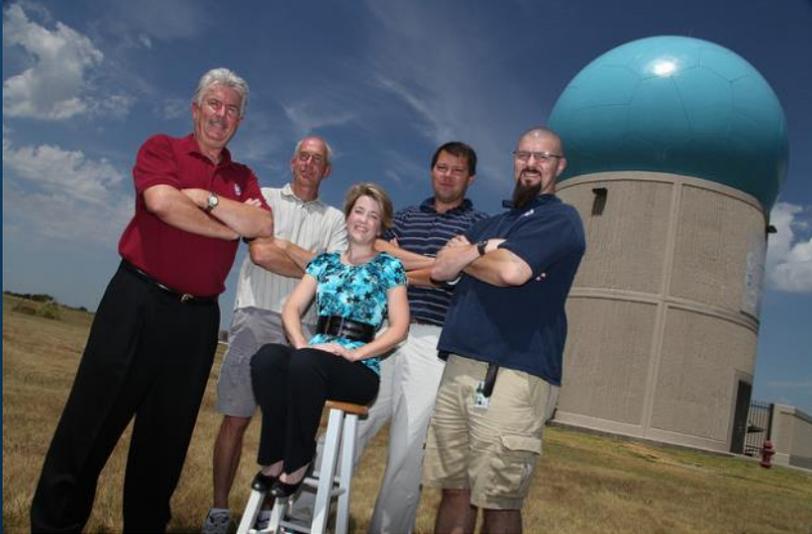
Dr. Steven Koch

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



POWER OF PARTNERSHIPS

Labs
Programs
Partners

Key OAR Partners:
Cooperative Institutes
and Sea Grant Programs





COOPERATIVE INSTITUTES

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

Are often colocated 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



NSSL RESEARCH DRIVERS

LEGISLATIVE DRIVERS

- National Weather Service Organic Act (15 U.S.C. §313)
- United States Weather Research Program (USWRP), (15 U.S.C. § 313c)
- Windstorm Impact Reduction, (42 U.S.C. § 15701-15707)
- Meteorological Services to Support Aviation (49 U.S.C. 44720)
- Weather Impact Reduction, 42 U.S.C. § 15701-15707)

POLICY DRIVERS

- Weather Bureau Technical Note 2-NSSL23 (1964)
- National Research Council - Completing the Forecast: Characterizing and
- Communicating Uncertainty for Better Decisions Using Weather and Climate Forecasts (2006)
- NOAA Next Generation Strategic Plan (2010)
- NWS Strategic Plan (2011)
- National Research Council Report: Weather Services for the Nation: Becoming Second to None (2012)
- National Academy of Public Administration (for the U.S. Congress): Forecast for the Future: Assuring the Capacity of the National Weather Service (2013)
- OAR Strategic Plan (2014)



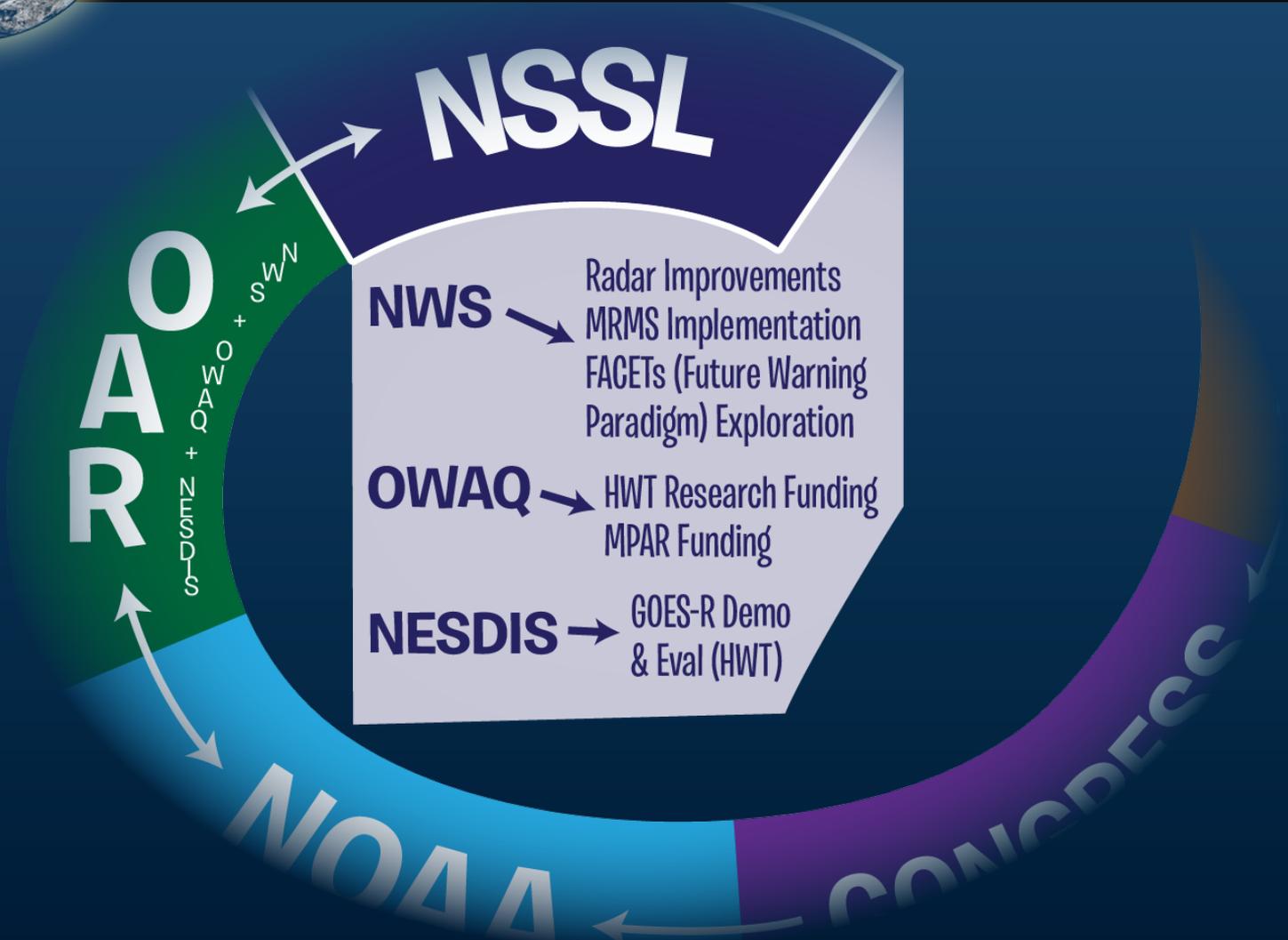


NOAA'S FUNDING PROCESS



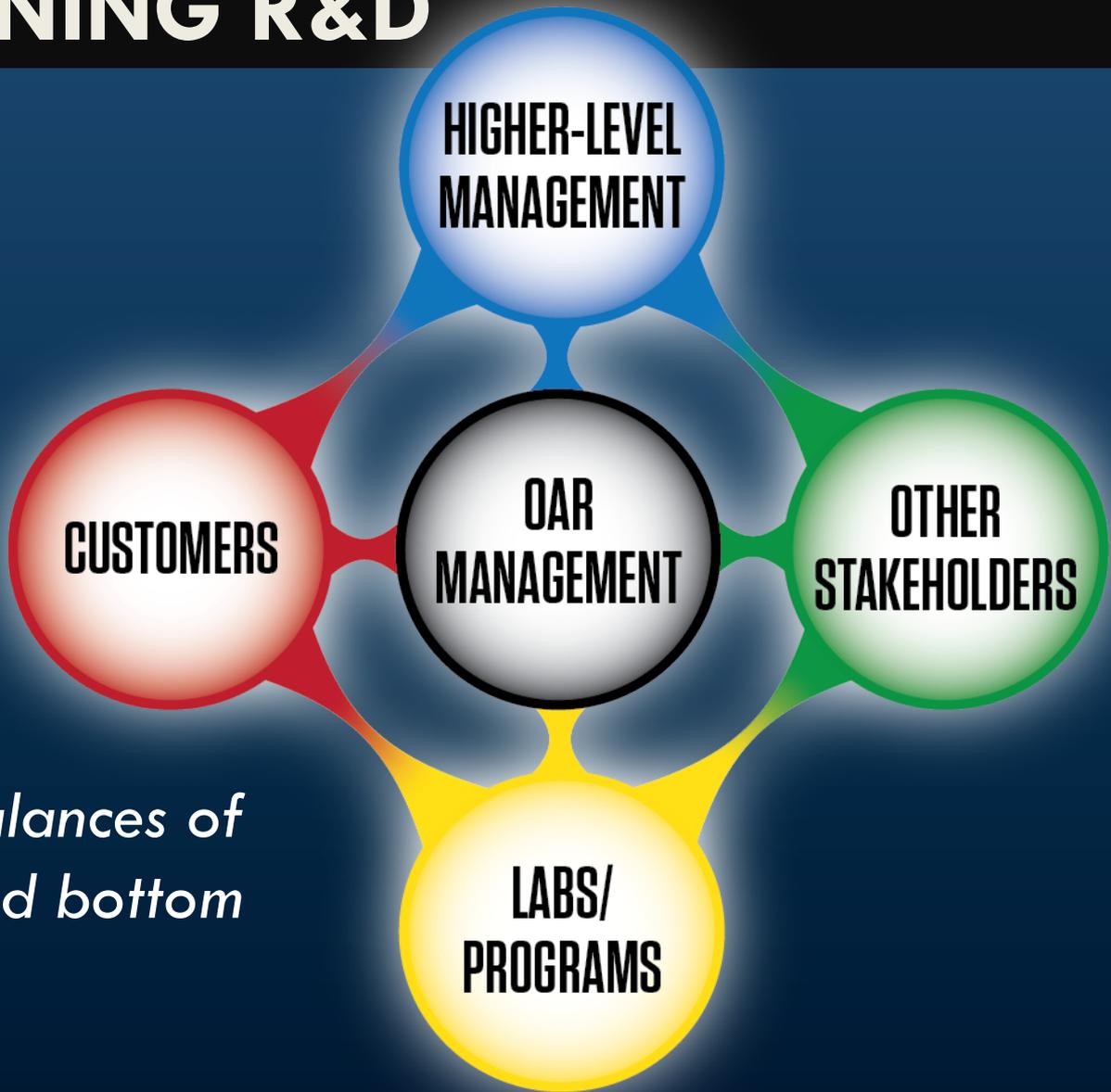


NOAA'S FUNDING PROCESS





NOTIONAL APPROACH TO PLANNING R&D



Various balances of input from top and bottom



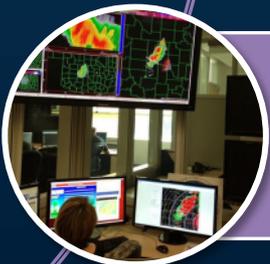
CHARGE TO REVIEWERS



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