CONTEXT FOR THE REVIEW

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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**
- **ASSESSMENT**
- **MODELING**
- **FORECAST & PRODUCTS**

**OBSERVATIONS**
Provide information and services to make communities more resilient

**Evolve the Weather Service**

**Invest in observational infrastructure**

**Achieve organizational excellence**
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

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Labs
Programs
Partners

Key OAR Partners:
Cooperative Institutes
and Sea Grant Programs
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.
LEGISLATIVE DRIVERS

• Disaster Relief Appropriations Act of 2013
• High Performance Computing and Communications Act of 1991
• United States Weather Research Program (USWRP), (15 U.S.C. § 313c)
• Weather and Windstorm Impact Reduction (42 U.S.C. § 15701-15707)
• Meteorological Services to Support Aviation (49 U.S.C. § 44720)
• America Competes Act (33 U.S.C. §§ 893, 893a, 893b)

POLICY DRIVERS

• Weather Bureau Technical Note 2-NSSL23 (1964)
• NOAA Five-Year Research and Development Plan (2013-2017)
• NOAA Annual Guidance Memorandum FY2016-2020
• NOAA Next Generation Strategic Plan (2010)
• NWS Strategic Plan (2011)
• National Research Council Report: Weather Services for the Nation: Becoming Second to None (2012)
• OAR Strategic Plan (2014)
• President’s Climate Action Plan (2013), cites "Cutting Carbon Pollution from Carbon Plants" and "Promoting American Leadership in Renewable Energy"
• Global Earth Observing Systems of Systems (www.earthobservations.org/geoss.shtml)
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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
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.
WHERE IS OAR?