

# NOAAOAR

An Update on NOAA Research

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# LEADERSHIP UPDATE



Dr. Mark Schaefer



Dr. Kathy Sullivan



VADM Michael Devaney

# BUDGET

- FY14 Appropriation
- President's Budget Request FY15: March 4



# SEA GRANT REAUTHORIZATION



# NOAA'S NEXT GENERATION STRATEGIC PLAN

**Healthy Oceans**



**Weather Ready  
Nation**



**Climate  
Adaptation &  
Mitigation**



**Resilient Coastal  
Communities &  
Economies**



**SCIENCE & TECHNOLOGY**

# OAR'S VISION & MISSION



**To be the trusted world leader in observing, understanding, and predicting the Earth system**

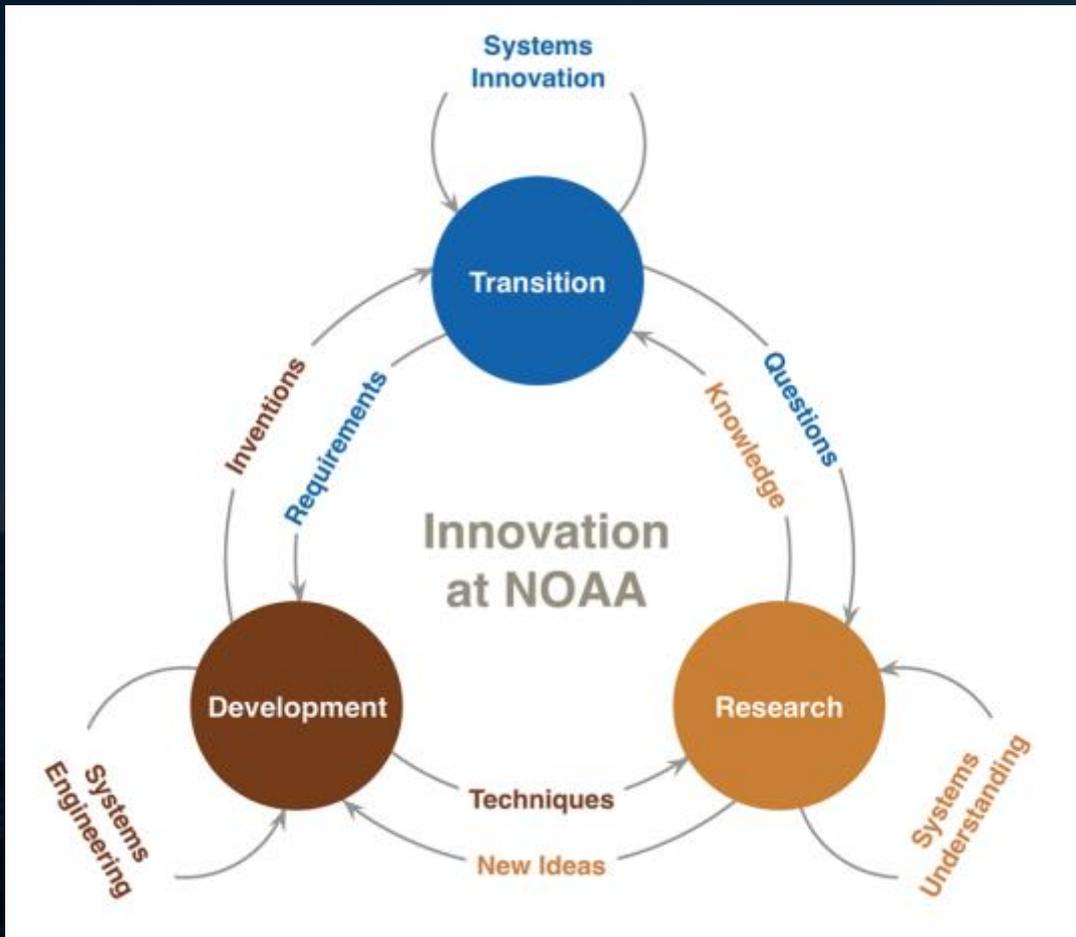
## VISION



**Conduct research to understand and predict the Earth system; develop technology to improve NOAA science, service, and stewardship; and translate the results so they are useful to society**

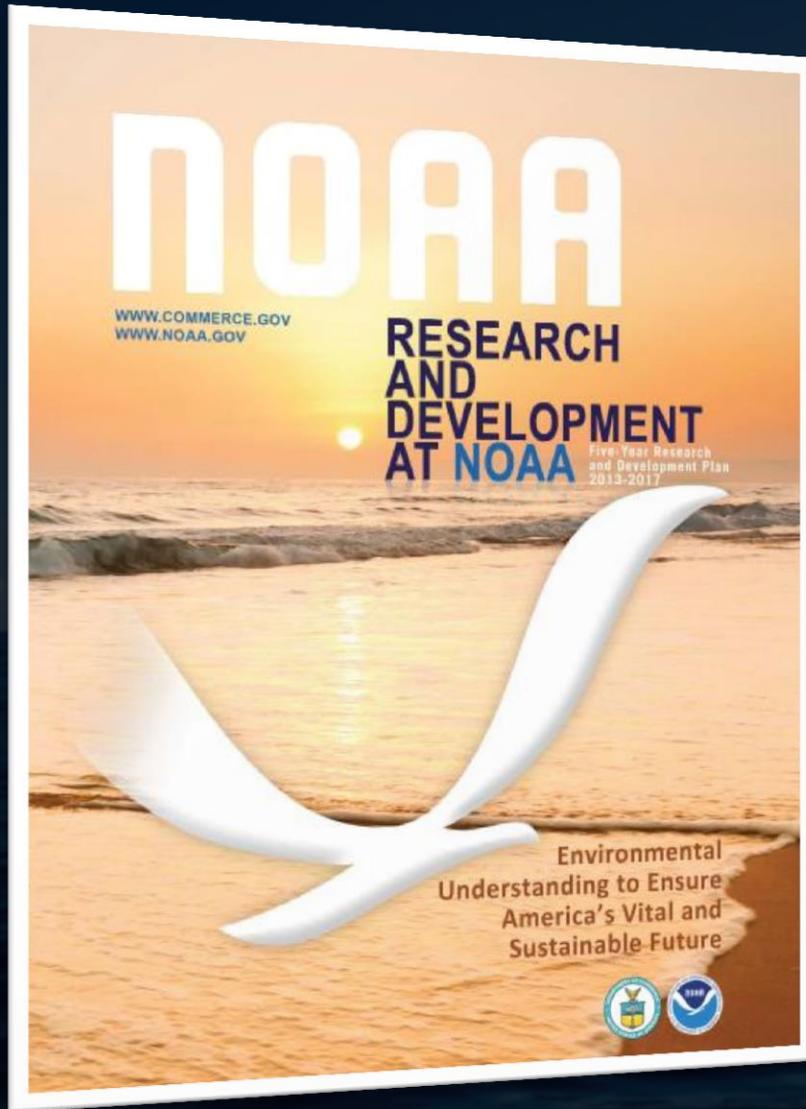
## MISSION

# NOAA'S RESEARCH ENTERPRISE



NOAA's research enterprise captures the key elements (research, development and transition) needed to continually improve our understanding of the Earth system and translate that understanding into improved products and services.

# NOAA 5-YEAR R&D PLAN



Available at  
[nrc.noaa.gov/plans.html](http://nrc.noaa.gov/plans.html)

# EVOLVING CONTEXT OF NOAA R&D

Climate change and impacts from greenhouse gas emissions



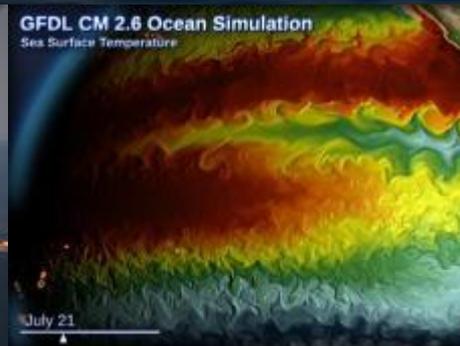
Integrating disciplines for a systems perspective

More extreme weather and water events



Managing and leveraging big data

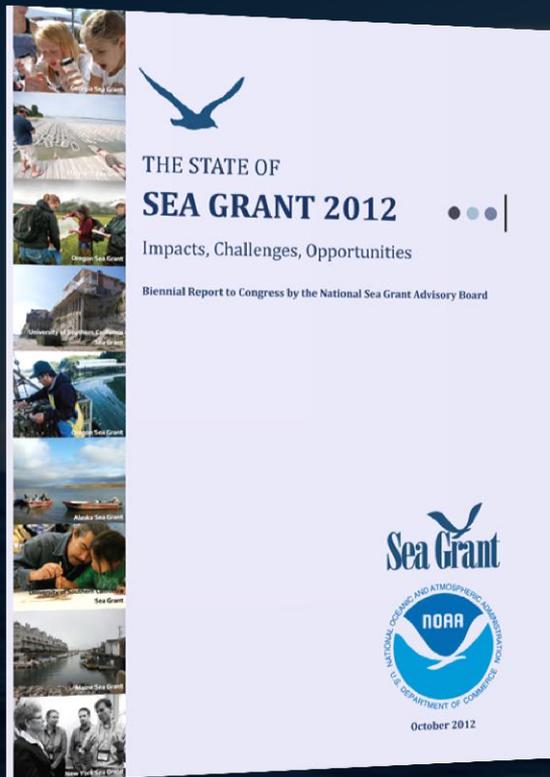
Preparing for and responding to unpredictable events



Modeling and managing complex systems

# BIENNIAL REPORT

2012 recommendations



- Focus on national priorities & local needs
- Continue tracking & reporting impacts
- Emphasize partnerships
- More resources in federal budget
- Review funding structure
- Integration of NOAA coastal programs

# COORDINATION IN NOAA OAR/NMFS



# NOAAOAR

[research.noaa.gov](http://research.noaa.gov)





**Background**

- **How can we best integrate research across NOAA & our partners?**
- **How can we build support for long-term research?**
- **How can we integrate social and economic sciences?**
- **How can we better translate NOAA's science for policy makers and the public?**