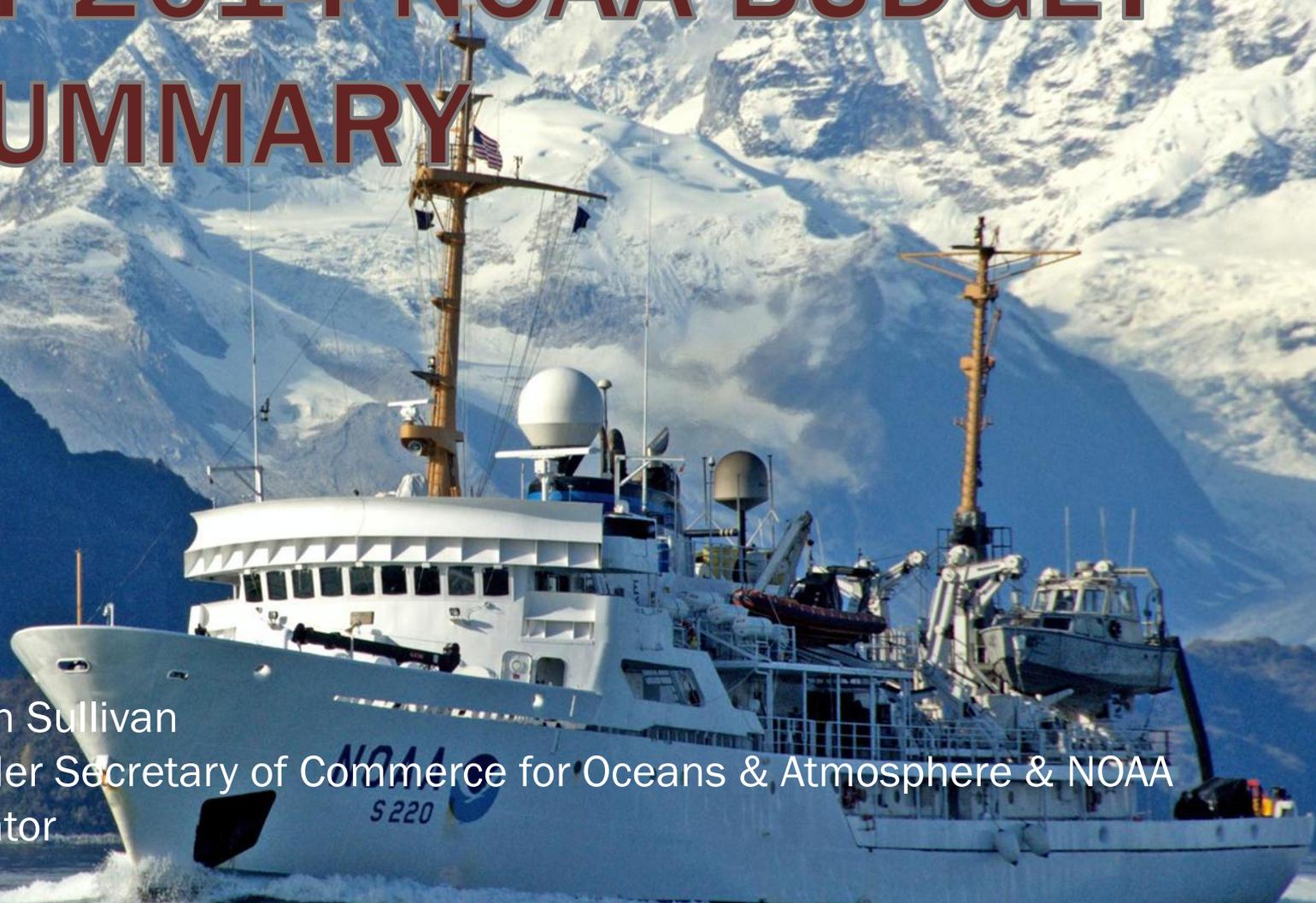




# FY 2014 NOAA BUDGET SUMMARY



Dr. Kathryn Sullivan  
Acting Under Secretary of Commerce for Oceans & Atmosphere & NOAA  
Administrator

# From The Surface Of The Sun To The Depths Of The Ocean Floor

*NOAA is an agency that enriches life through science. Our reach from sun to seafloor helps to keep citizens informed of the changing environment around them.*



# NOAA Supports Businesses, Communities, & the Future

Support transportation & commerce



Facilitate sustainable agriculture, fisheries, & aquaculture

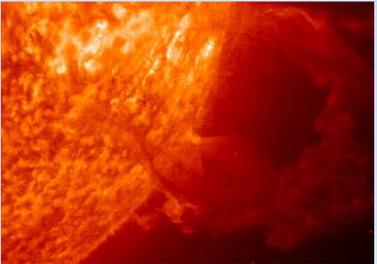


Protect life & property & create business opportunities

Assist communities & provide recreational opportunities



Safeguard communication & electric infrastructure



Inform renewable energy business decisions

## PROTECTING LIVES & LIVELIHOODS



# The One-NOAA Benefit

NOAA helped the public to prepare for, respond to, and recover from, Hurricane Sandy

### Hurricane Forecast Track



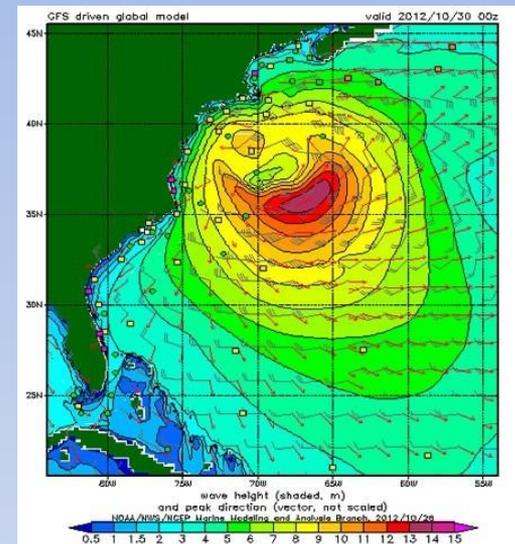
### Hurricane Hunters



NOAA Ship *Thomas Jefferson*



### Storm Surge Model



NOAA is able to put together the right pieces to address specific challenges.

### Navigation Response Teams



“NOAA’s detailed subsurface surveys were absolutely key to opening the port.” -CDR Linda Sturgis, Port Recovery Office, USCG Sector New York

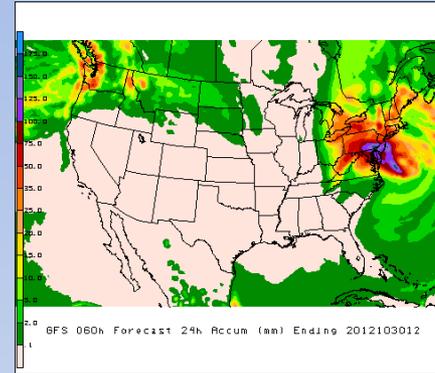
### Damage Assessment Imagery



# FY 2012 PROGRESS & ACCOMPLISHMENTS



**Rebuilding fish stocks**



**NOAA Upgrades Global Forecast System and Data Assimilation**



**Coastal Mapping**



**NOAA assisted dam removal on the Elwha River results in improved salmon habitat.**

# FY 2014 BUDGET OVERVIEW



# FY 2014 Budget Overview

**FY 2014 Request is for \$5.4B, an increase of \$541M (11%) above the FY 2012 Spend Plan**

**FY 2014 Request is an increase of \$387M (7.7%) above the FY 2013 President's Budget Request**

# Restoring balance and making a down payment on the future

**This budget proposal includes targeted investments to restore the balance between:**

- Ocean and atmospheric missions
- Internal and external funding
- Immediate needs and long-term goals

# Ocean & Coastal Program Restorations

<b>Line Office</b>	<b>Program (\$ in millions)</b>	<b>FY12</b>	<b>FY 13 PB</b>	<b>FY14 PB</b>
NOS	Navigation Response Teams	\$2.3	\$0	\$2.3
NOS	Coastal and Estuarine Land Conservation Program	\$3.0	\$0	\$3.0
NOS	NERRS Construction Program	\$1.0	\$0	\$1.7
NOS	Marine Sanctuaries Construction	\$4.0	\$0	\$2.0
NMFS	Regional Councils and Commissions	\$32.0	\$27.3	\$31.9
NMFS	Habitat Management and Restoration	\$41.9	\$36.0	\$47.0
NMFS	Inter-jurisdictional Fisheries Grant	\$0	\$0	\$2.5
NMFS	Chesapeake Bay Interpretive Buoy System	\$0.8	\$0	\$0.8
OAR	Great Lakes Environmental Research Lab	\$1.7	\$0	\$1.7

Table will not add across. It does not include ATB's.



# STEM Education Reorganization

The Administration is launching a bold reorganization of STEM education programs.

Goal: Increase impact on STEM achievement and outcomes by supporting a cohesive national strategy that reaches **more students, more teachers, more effectively.**

Six programs will be terminated from NOAA's budget:

- Teacher at Sea (\$600K)
- National Sea Grant Education (\$4.0M)
- Competitive Education Grants (\$3.1M)
- Dr. Nancy Foster Scholarship Program (\$600K)
- Ocean Exploration and Research Education (\$900K)
- Bay Watershed Education and Training (B-WET) (\$5.5M)

The funding for these programs will be transferred to the Department of Education, National Science Foundation, and the Smithsonian

# Budget Breakdown by Line Office

(\$ in millions)*	FY 2012 Spend Plan	FY 2013 President's Budget	FY 2014 President's Request	% Change from FY13 PB	% Change from FY12 Spend Plan
Oceans & Coasts	\$489.9	\$478.1	\$529.2	10.7%	8%
Fisheries	\$895.0	\$880.3	\$929.3	5.6%	3.8%
Research	\$382.8	\$411.3	\$472.4	14.9%	23.4%
Weather	\$996.0	\$976.4	\$1,050.1	7.6%	5.4%
Satellites	\$1,876.2	\$2,040.2	\$2,186.0	7.1%	16.5%
Program Support/Fleet	\$466.6	\$476.3	\$503.5	5.7%	7.9%
<b>Discretionary Appropriations, Total</b> (Net of Financing & Transfers)	<b>\$4,906.6</b>	<b>\$5,060.5</b>	<b>\$5,447.7</b>	<b>7.7%</b>	<b>11%</b>

# FY 2014 Line Office Overview



# Healthy Oceans and Coasts

**TOTAL NOS INVESTMENT: \$529.2M**

## Targeted Investment:

- ☑ Shoreline mapping (+)
- ☑ Competitive Research (+)
- ☑ Development of Marine Sensors (+)
- ☑ Sanctuaries and Marine Protected Areas (-)
- ☑ Coastal Zone Management and Services (-)

Budget Lines (\$ in Millions)	FY 2012 Spend Plan	FY 2013 PB	FY 2014 PB	% Change from FY 2013 PB	% Change from FY 2012 Spend Plan
Navigation, Observations and Positioning	\$127.5	\$129.2	\$145.9	13%	14%
Competitive Research	\$9.0	\$11.0	\$15.0	36%	67%
IOOS Regional Observations	\$23.0	\$29.5	\$34.5	17%	50%
Coastal Zone Management and Services	\$43.8	\$39.0	\$41.2	6%	(6%)
Sanctuaries and Marine Protected Areas	\$47.0	\$46.6	\$46.4	(0.4%)	(1%)

# Healthy Oceans and Coasts

**Total NMFS Investment: \$929.3M**  
**Targeted Investments:**



Kemp's ridley turtle

- ☑ Improve fishery stock assessments for sustainable and profitable fisheries (+)
- ☑ Increase support for Species Recovery Grants to recover threatened and endangered species under the Endangered Species Act (+)
- ☑ Habitat conservation and restoration efforts focused on species recovery and fisheries management (+)
- ☑ Prescott Marine Mammal Rescue Assistance Grants are terminated (-)

Budget Line (\$ in Millions)	FY 2012 Spend Plan	FY 2013 PB	FY 2014 PB	% Change from FY 2013 PB	% Change from FY 2012 Spend Plan
Expand Annual Stock Assessments	\$63.6	\$68.6	\$69.3	1%	9%
Survey and Monitoring Projects	\$21.7	\$24.3	\$24.8	2%	14%
Species Recovery Grants	\$2.8	\$4.8	\$17.8	271%	536%
Habitat Conservation and Restoration	\$41.7	\$36.0	\$47.0	31%	13%
Pacific Coastal Salmon Recovery Fund	\$65.0	\$50.0	\$50.0	0%	(24%)
John H. Prescott Marine Mammal Rescue Assistance Grant Program	\$4.0	\$0	\$0	0%	-

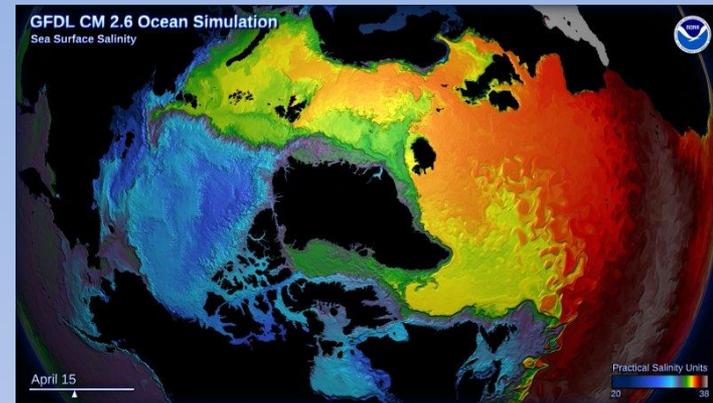


# Oceanic and Atmospheric Research Enterprise

Total OAR Investment: \$472.4M

Targeted Investment:

- ☑ Ocean Acidification R&D (+)
- ☑ Climate Impacts on Fish Stocks & Prey Availability (+)
- ☑ National Sea Grant College Program (+)
- ☑ Cooperative Institutes (+)
- ☑ Next Generation Weather Observing Platforms (+)
- ☑ Wind Boundary Layer Research (+)



Budget Lines (\$ in Millions)	FY 2012 Spend Plan	FY 2013 PB	FY 2014 PB	% Change from FY 2013 PB	% Change from FY 2012 Spend Plan
Ocean Acidification R&D	\$6.2	\$6.4	\$8.4	31%	35%
Climate Impacts on Fish Stocks & Prey Availability	\$0	\$0	\$10	0%	-
National Sea Grant College Program (includes Grand Challenge)	\$62	\$62.5	\$72.7	16%	17%
Laboratories & Cooperative Institutes	\$128.4	\$153.9	\$153.9	0%	20%
Next Generation Weather Observing Platforms	\$13	\$13	\$18.1	39%	39%
Wind Boundary Layer Research	\$0	\$0	\$2.9	0%	-
Ocean Exploration & Research	\$23.5	\$19.7	\$29.1	48%	24%

# Weather-Ready Nation

Total NWS Investment: \$1,050.1M

## Targeted Investments:

- ☑ Labor and Operations (+)
- ☑ Accelerate weather research to operations (+)
- ☑ Tsunami preparedness (+)
- ☑ Modernize and expand weather dissemination (+)
- ☑ Mesonet observations (+)
- ☑ WFO relocations (+)



Sandy damage, Rockaway Beach, NY Photo: Daniel Brown, NOAA

Budget Lines (\$ in Millions)	FY 2012 Spend Plan	FY 2013 PB	FY 2014 PB	% Change from FY 2013 PB	% Change from FY 2012 Spend Plan
LWF Base	\$655.8	\$645.7	\$658.2	1.9%	(0.2%)
Strengthen U.S. Tsunami Network	\$23.5	\$18.9	\$26.9	14.0%	42.3%
Mesonet	\$11.0	\$0	\$5.5	-	(50%)
CFG - Research to Operations	\$77.5	\$79.2	\$94.7	19.6%	22%
Weather & Climate Supercomputing	\$40.1	\$35.2	\$44.2	27.3%	10%
Telecom Gateway	\$1.2	\$8.2	\$16.2	97.6%	1250%
Ground Readiness Program	\$0	\$9.4	\$15.4	63.8%	-
WFO Construction	\$1.7	\$3.2	\$8.7	171.9%	412%

# Satellites, Data and Information Services

Total NESDIS Investment: \$2,186.0M



## Targeted Investments:

- ☑ Critical weather satellite program: GOES-R (+) and JPSS (-)
- ☑ Product Processing and Distribution for Suomi NPP (+)
- ☑ Ocean altimetry mission, Jason-3 (+)
- ☑ Operational space weather mission, DSCOVR (-)

Budget Lines (\$ in Millions)	FY 2012 Spend Plan	FY 2013 PB	FY 2014 PB	% Change from FY 2013 PB	% Change from FY 2012 Spend Plan
<b>GOES-R</b>	\$615.6	\$802.0	\$954.8	19%	55%
<b>Product Processing and Distribution (for Suomi NPP)</b>	\$0	\$9.4	\$9.6	2.1%	-
<b>Jason-3</b>	\$19.7	\$30.0	\$37.0	23%	88%
<b>DSCOVR</b>	\$29.8	\$22.9	\$23.7	3.5%	(20%)
<b>JPSS</b>	\$924.0	\$916.4	\$824.0	(10%)	(11%)

# Satellites, Data and Information Services



## Joint Polar Satellite System (JPSS)

### Key areas of consideration:

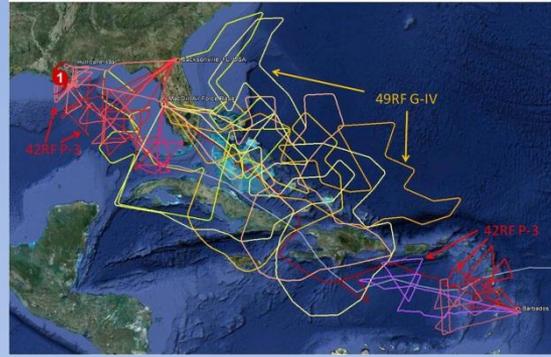
- ☑ *Assuring critical weather observation continuity*
- ☑ *Reducing life cycle cost of JPSS by over \$1 billion*
- ☑ *Developing a plan for continuity of climate observations*
- ☑ *Ensuring the program remains on its current schedule for JPSS-1 and moving up the launch of JPSS-2*
- ☑ *Completing an Independent Cost Estimate of the revised program*

# PROGRAM SUPPORT

Total Investment: \$503.5M

Targeted Investment:

- ☑ Working Capital Fund
- ☑ Critical Days at Sea for fisheries and marine mammal surveys, nautical charting, and climate and ocean health research (+)
- ☑ Capital fund to implement lifecycle maintenance program for fleet life extension (+)
- ☑ Study of alternative platforms for NOAA's Hurricane Hunters end of service life (+)
- ☑ Additional flight hours for critical in-situ observations in support of research (+)



Round-the-clock hurricane research, surveillance and forecast improvement support for Hurricane Issac.

Budget Line (\$ in Millions)	FY 2012 Spend Plan	FY 2013 PB	FY 2014 PB	% Change from FY 2013 PB	% Change from FY 2012 Spend Plan
Corporate Services	\$202.0	\$199.9	\$212.4	6%	5%
Marine Operations and Maintenance	\$155.3	\$166.0	\$176.6	6%	14%
PAC - Fleet Capital Improvements and Tech Infusion	\$1.0	\$11.7	\$11.7	0%	1,070%
Aircraft Services	\$27.1	\$29.7	\$31.5	6%	16%



# NOAA is:

- ☑ A science based, interdisciplinary, integrated agency
- ☑ That provides essential Environmental Intelligence
- ☑ A leader for the future – a critical nexus within the Federal family

But we couldn't do any of this without you

**THANK YOU FOR SUPPORTING US!**



  Ocean Explorer



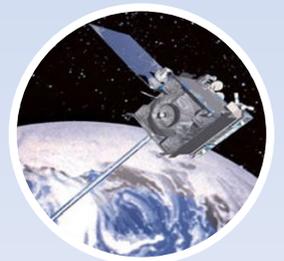
NOAA G4 and P3



NOAA Employee Operating AWIPS



TAO Buoy



GOES

# NOAA Budget Information

**BLUE BOOK AND BRIEFING:**

**[HTTP://WWW.NOAA.GOV](http://www.noaa.gov)**

