NOAA UPDATE TO THE
SCIENCE ADVISORY BOARD

KATHRYN D. SULLIVAN, PH.D.
UNDER SECRETARY OF COMMERCE FOR
OCEANS AND ATMOSPHERE & NOAA
ADMINISTRATOR

April 16, 2015
REPORTS

- Response to the SAB report on Coastal Habitat Restoration
NOAA LEADERSHIP CHANGES

VADM Manson Brown (USCG Ret.)
Assistant Secretary of Environmental Observations and Predictions & Deputy Administrator

Zachary Goldstein
Chief Information Officer

Craig McLean
Assistant Administrator OAR

Dr. Cynthia Decker
Scientific Integrity Officer

SAB April 16, 2015
• Key priorities—targeted, scientific advances being sought in FY16 request

• 299 Hill briefings and events since January 1, 2015
RESEARCH
Organizational Excellence

- **Research portfolio**
  Strategic Research Guidance Memorandum

- **Transitioning research to applications, operations, & other uses** - R2X

- **Research partnerships**
  Cooperative Institutes for the 21st Century (CI21)

- **Research data**
  Publications Access to Research Results (PARR)
RESILIENCE

- **Atmospheric rivers**  CalWater 2015
- **Modeling**  HiFLOR global dynamic model for Cat 4-5 hurricane simulation and prediction
- **Ecosystem forecasts**  New cyanobacteria assessment network (CyAN)
- **Healthy oceans**  
  - IUU Fishing Task Force Action Plan
  - Report to Congress
  - Expansion of Gulf of the Farallones and Cordell Bank National Marine Sanctuaries

SAB  April 16, 2015
• Meteorological Assimilation Data Ingest System (MADIS) transitioned to NWS operations

• **NOAA’s Air Quality Forecast** major chemical modeling upgrade

• **1st real-time nowcast/forecast hydrodynamic model in the Great Lakes using** the Finite Volume Coastal Ocean Model (FVCOM) for Lake Erie
OBSERVATIONAL INFRASTRUCTURE

- **Space weather**
  Successful launch of DSCOVR – February 11, 2015

- **Earth observations**
  Decadal Survey for Earth Science and Applications
• Citizen science
  First Lady’s garden gets CoCoRaHS rain gauge

• Draft Education Strategic Plan
11 NOAA scientists (6 GFDL) make Thomson Reuters 2014 list of highly cited researchers worldwide in the geosciences.

International Union of Geodyssey and Geophysics Early Career Award

AGU Ambassador and an AGU Fellow

AMS Charles Franklin Brooks Award, AMS Special Award

National Weather Association Operational Achievement Individual Award

5 DOC Gold + 1 Bronze + 1 Silver + 1 Distinguished Career Awards

2015 Tech Transfer Interagency Partnership Award

EPA S&T Achievement Award

Computerworld’s Premier 100 IT Leaders for 2015

North Pacific Fisheries Management Council Bob Mace Distinguished Service Award
QUESTIONS?

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