MODULE 1:
An Overview of NOAA Education

NOAA’s Mission

Science, Stewardship, and Service

- Understand and predict changes in climate, weather, oceans, and coasts;
- Share that knowledge and information with others; and
- Conserve and manage coastal and marine ecosystems and resources.
One of Many Bureaus in DOC

**US Department of Commerce** ([http://www.commerce.gov](http://www.commerce.gov))

- Bureau of Economic Analysis (BEA)
- Bureau of Industry and Security (BIS)
- U.S. Census Bureau (Census)
- Economic Development Administration (EDA)
- Economics and Statistics Administration (ESA)
- International Trade Administration (ITA)
- Minority Business Development Agency (MBDA)
- National Institute of Standards and Technology (NIST)
- **National Oceanic and Atmospheric Administration (NOAA)**
- National Technical Information Service (NTIS)
- Operation National Telecommunications and Information Administration (NTIA)
- Operation Office of the Secretary (OS)
- United States Patent and Trademark Office (USPTO)

To learn more about NOAA's history, visit [http://www.history.noaa.gov](http://www.history.noaa.gov/)

**Organization of Major Offices**

**DOC Under Secretary for Oceans & Atmosphere/ NOAA Administrator**
- Asst. Secy. for Conservation & Management
- Asst. Secy. for Environmental Observation & Prediction
- Chief Scientist
- Deputy Under Secretary for Operations

**General Counsel**
- Corporate Services: Acquisitions & Grants; Administration; Chief Information Office; Finance (including Performance Risk & Social Science Office); & Workforce Management

**Staff Offices:**
- Communications;
- **Education;**
- International Affairs;
- Legislative & Intergovernmental Affairs;
- Decision Coordination & Executive Secretariat

**National Env. Satellite, Data & Info. Service (NESDIS)**
**National Marine Fisheries Service (NMFS)**
**National Ocean Service (NOS)**
**National Weather Service (NWS)**
**Oceanic & Atmospheric Research (OAR)**
**Office of Marine & Aviation Operations (DMAO)**
Major Education Offices of NOAA

**Line Offices:**
- National Env. Satellite, Data & Info. Service (NESDIS)
- National Marine Fisheries Service (NMFS)
- National Ocean Service (NOS)
- National Weather Service (NWS)
- Oceanic & Atmospheric Research (OAR)
- Office of Marine & Aviation Operations (OMAO)

**Staff Offices:**
Communications, **Education**, International Affairs, Legislative & Intergovernmental Affairs, Office of General Counsel, Office of the Federal Coordinator of Meteorology

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Where NOAA Works

**NOAA Education**
- Climate
- Weather
- Ocean & Coasts
- Fisheries
- Satellites
- Research
- Charting
- Marine & Aviation
- Sanctuaries
- And More!
A Mandate to Educate

- The America COMPETES Act
- 20-Year Strategic Plan
  - Critical goals and objectives
  - Updated every 5 years
Advancing NOAA’s Mission Through Education

**Education Vision**
An informed society that uses ocean, coastal, Great Lakes, weather, and climate science to make the best social, economic and environmental decisions.

**Education Mission**
To educate and inspire the Nation to use science toward improving ocean and coastal stewardship, increasing safety and resilience to environmental hazards, and preparing a future workforce to support NOAA’s mission.

Foundation for NOAA Education

- To serve NOAA’s mission through:
  - Formal and Informal Education
  - Grants
  - Outreach
  - Scholarships
  - Fellowships
  - Partnerships
NOAA EDUCATION COUNCIL
ADVANCING NOAA’S MISSION THROUGH EDUCATION AND OUTREACH

Formed in 2003 - recommended by NOAA’s Science Advisory Board
16 senior staff members from NOAA line, program, and staff offices
  ○ Represent sustained, significant education programs
  ○ Support from NOAA leadership
Members are based throughout the country
Chair: Director of NOAA Education
Vice Chair: Deputy Director, Office of Education
Executive Secretariat: Office of Education
Ed Council Membership

- NOAA Satellites
- NOAA Fisheries
- National Weather Service
- Warning Coordination Meteorologists
- National Ocean Service
- NOAA Research
- NOAA’s Teacher at Sea Program
- Bay Watershed Education and Training
- Office for Coastal Management
- Coral Reef Conservation Program (inactive)
- Office of National Marine Sanctuaries
- Climate Program Office
- Ocean Exploration and Research
- National Sea Grant College Program
- Office of Education-Higher Education
- Office of Education-K-12 & Informal Education

Council Overview

- Monthly meetings with presentations from Council members, field educators, and external partners
- Supports NOAA’s mission by educating the public about NOAA science in support of healthy ecosystems, communities, and economies
- Implements NOAA’s Education Strategic Plan 2015-2035
  - Broad collaboration across the agency
  - Tracks progress toward NOAA’s Education strategic plan goals
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