



— An Introduction to the —

NATIONAL OCEAN SERVICE



ProTech Ocean Domain
February 14, 2019

Paul M. Scholz
NOS Chief Financial Officer/Chief Administrative Officer



Welcome and Congratulations

- Battelle Memorial Institute
- BMT Designers & Planners, Inc.
- Cardinal Point Captain, Inc.
- CDI Marine Company, LLC
- Colsa Corporation
- Consolidated Safety Services, Inc.
- DHI Water and Environment, Inc.
- Earth Resources Technology, Inc.
- ECS Federal, LLC
- Freestone Environmental Services, Inc.
- Integrated Systems Solutions
- JHT Incorporated
- Lynker Technologies
- Lynne Carbone & Associates, Inc.
- Maden Technologies
- NewFields Government Services, LLC
- Oasis Systems, LLC
- PAE
- Research Planning, Inc.
- Science Technology Corporation
- SMRC
- Spatial Front Incorporated
- Techglobal, Inc.
- The Baldwin Group



Moving Forward

- Develop and build long-term strategic partnerships with ProTech awardees
- Build industry partnerships through strategic sourcing and consolidation
- Operate with integrity and transparency



National Ocean Service Mission

- *Our mission is to provide science-based solutions through collaborative partnerships to address evolving economic, environmental, and social pressures on our ocean and coasts.*



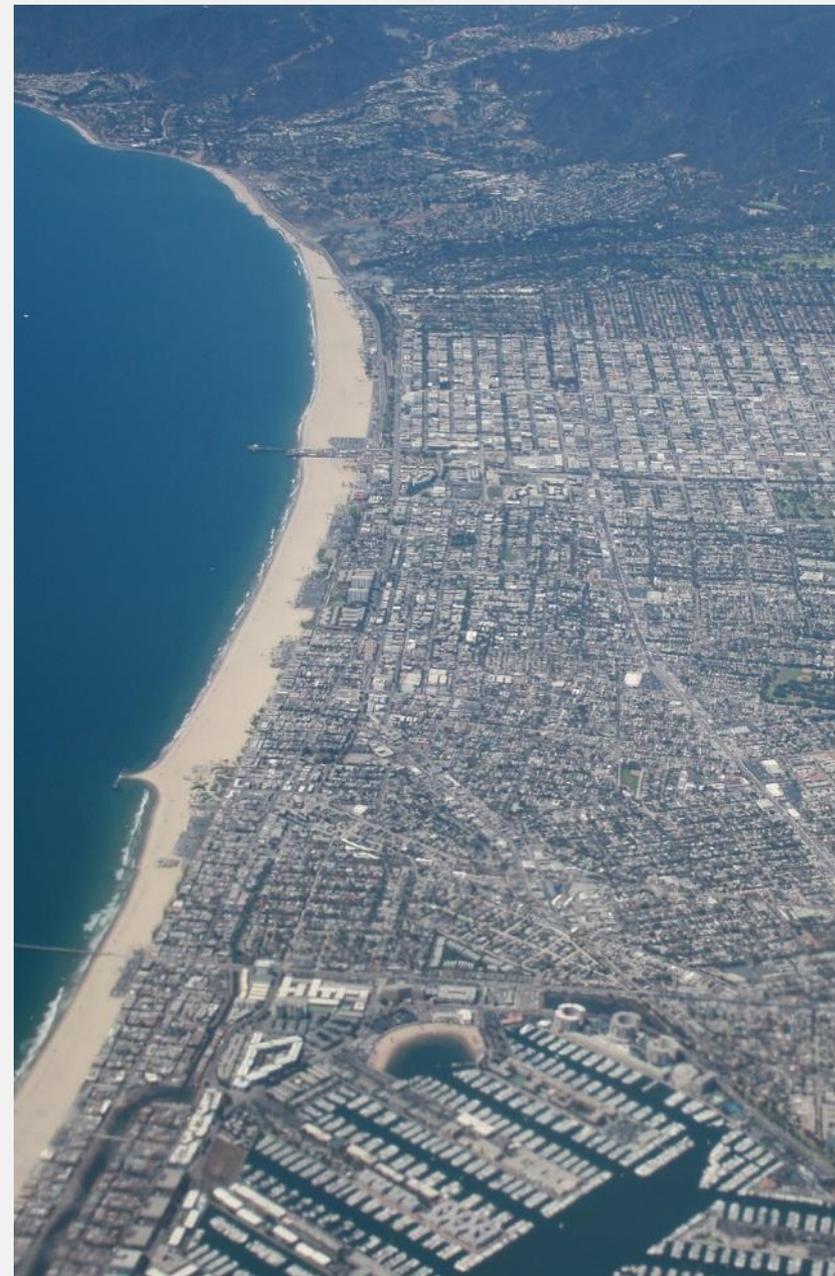
Our Nation's Coast

Major Economic Engine:

- **40% percent** of the population lives in coastal shoreline counties.
- In 2013, these counties contributed **46% of the nation's Gross Domestic Product (GDP)**.
- Tourism and recreation added **\$101.1 billion** to the nation's GDP (2013).
- U.S. commercial ports directly support more than **13 million jobs**.

Challenges:

- Coastal storms, flooding, and erosion
- Port congestion and navigation hazards
- Habitat loss and degradation





NOS MISSION:

Navigation, Observations, and Positioning



NOS conducts **hydrographic surveys** and **shoreline mapping** to produce **navigational charts** that mariners use to navigate safely



National authority that defines, maintains, and provides access to the **National Spatial Reference System**



NOS maintains the National **Water Level Observation Network (NWLON)**



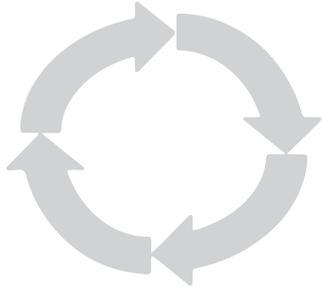
NOS operates the nation's **high frequency radar** and **profiling glider fleet**





NOS MISSION:

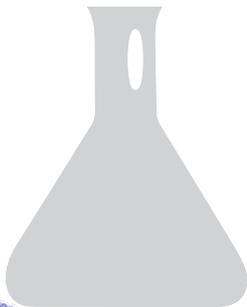
Coastal Science and Assessment



Planning, prevention, response, and modeling tools for **coastal environmental hazards** including oil and chemical spills, marine debris, marine pathogens, harmful algal blooms



Natural resource damage assessments as co-trustee protects and restores habitat injured by hazardous waste, oil spills and vessel groundings



Applied science to support pollution reduction, ecological forecasting, and coastal ecosystem planning, Mussel Watch monitoring, habitat mapping and assessment





NOS MISSION:

Ocean and Coastal Management & Services

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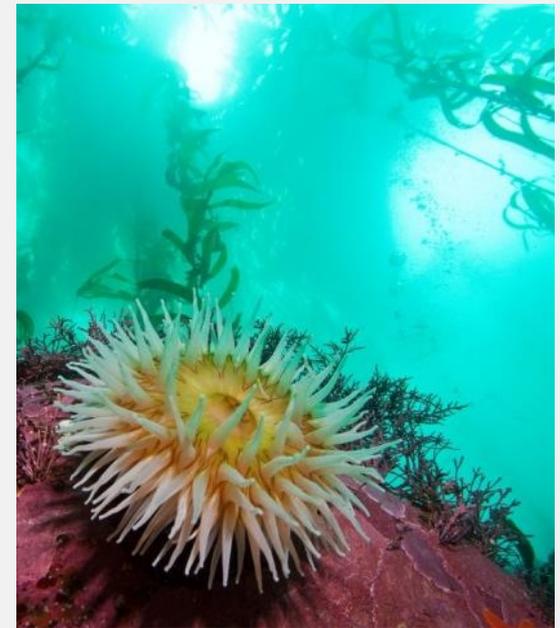
States and territories addressing coral reefs

13

Sanctuaries plus Papahānaumokuākea and Rose Atoll marine national monuments

29

National Estuarine Research Reserves



34

State coastal zone management programs

355

members of the national system of Marine Protected Areas

Many More

Partners on place-based coastal issues - Local, county, NGO, private sector



National Ocean Service Priorities

The National Ocean Service provides data, tools, and services that support **coastal economies** and their contribution to the **national economy**

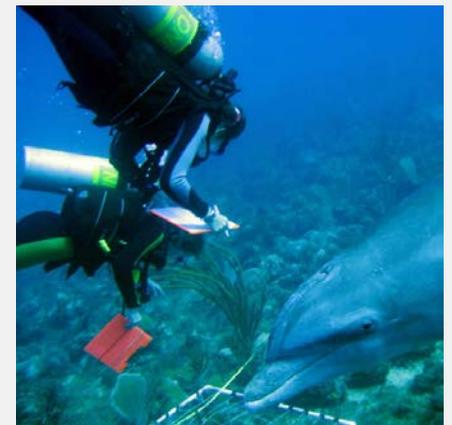
Our priorities are:

- Safe and efficient transportation and commerce
- Preparedness and risk reduction
- Stewardship, recreation, and tourism



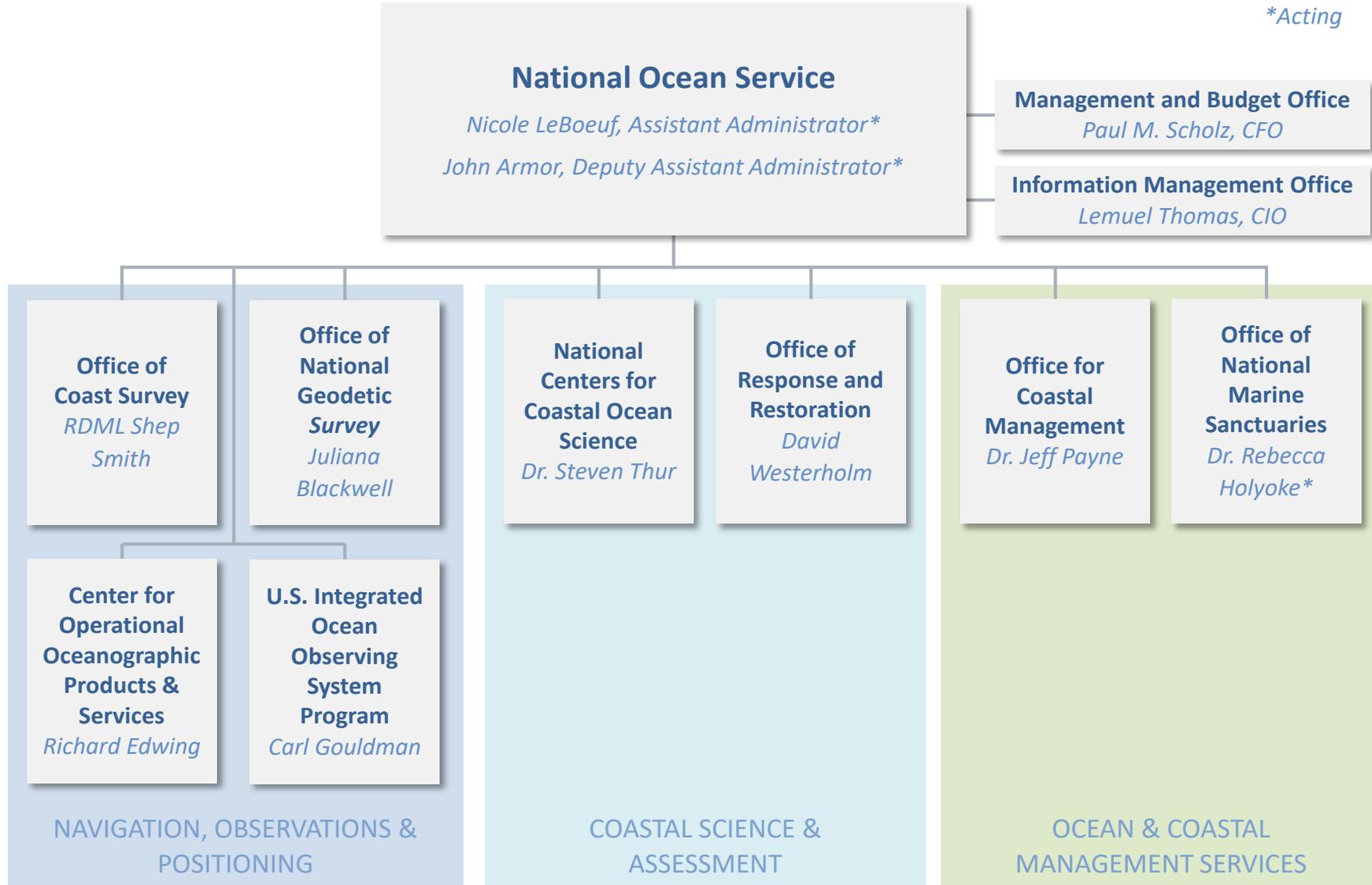
Contract Support

- Professional and Technical Analysis
- Scientific and Technical Analysis
- Architecture and Engineering (A/E Brooks Act)
- Communication/Outreach
- Conference Planning
- Administrative Services
- IT Support Services
- GIS
- Project Management
- Configuration Management Control



Organization Chart

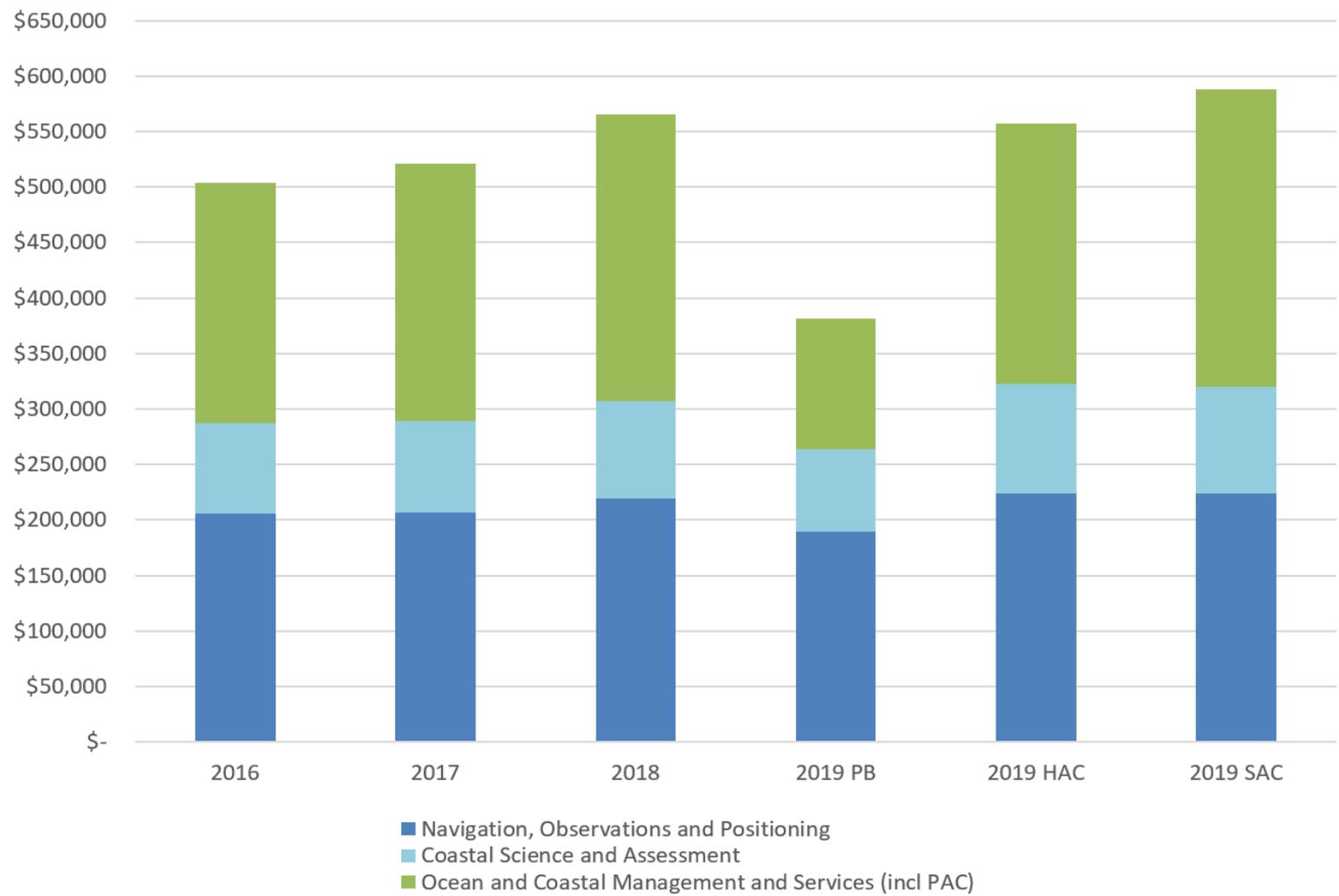
**Acting*



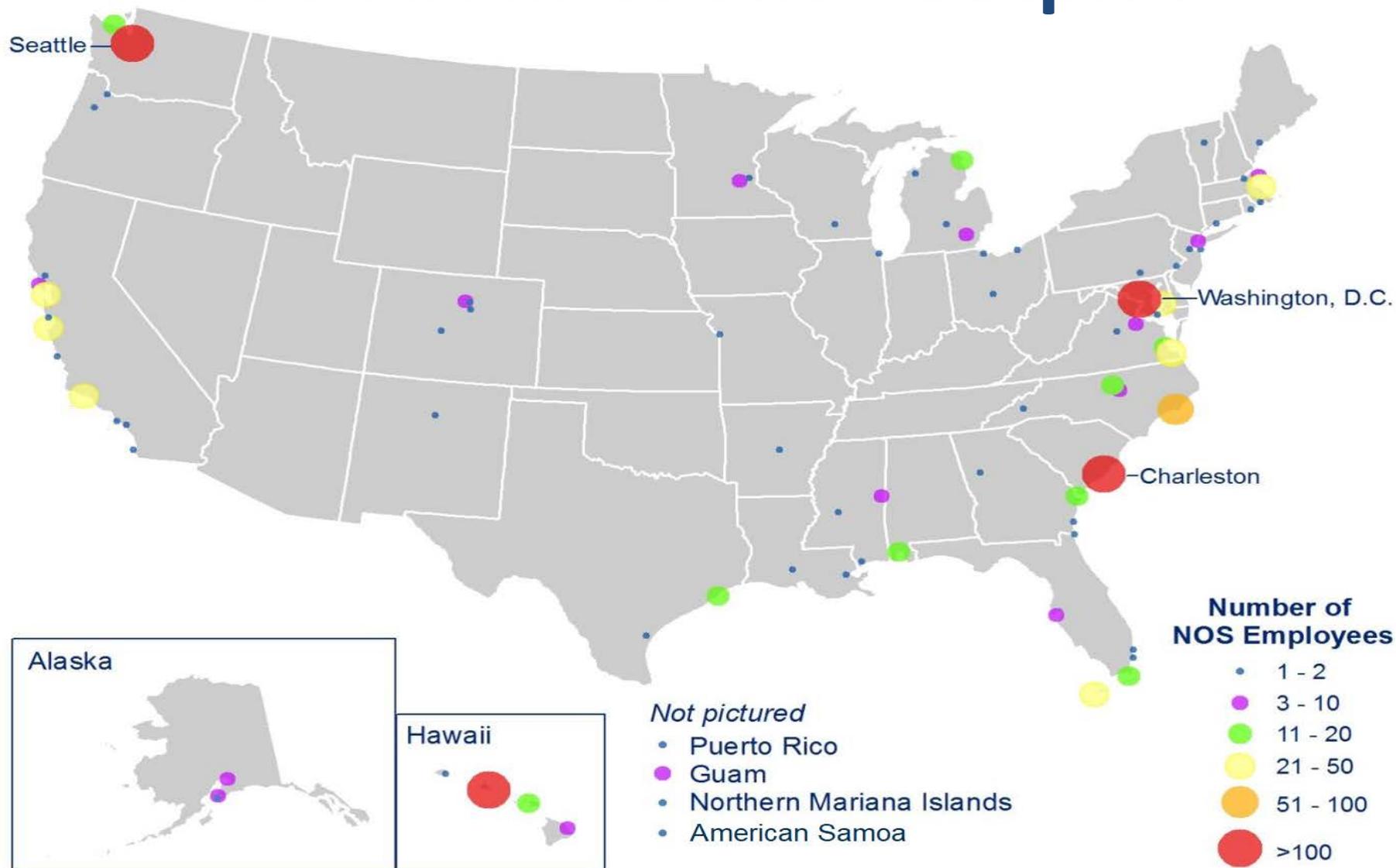


Budget Trends

NOS (Discretionary)



NOS Facilities and Footprint



Thank you!

National Ocean Service
National Oceanic and Atmospheric Administration
U.S. Department of Commerce

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