

# National Oceanic and Atmospheric Administration (NOAA)

Juli M. Trtanj  
Quay Dortch

# NOAA

- **Mission** – To understand and predict changes in the Earth's environment and conserve and manage coastal and marine resources to meet our Nation's economic, social, and environmental needs.
- **Interests** –
  - Research- inter-disciplinary and integrated physical, biological, and social science
  - Monitoring-remote sensing and in situ observations of the ocean and coastal environment
  - Assessment-biochemical and environmental risk analysis and response
  - Prediction-climate, weather, and ecological forecasting

# NOAA

- **Opportunity** – Integrating earth science and environmental observations to develop prediction and forecast information for improved societal response
- **Barrier** –
  - Differing agency cultures and emphasis of mission; i.e. mission/research, extramural/intramural
  - Continuity of funding commitment
- **Action** – Executive branch support for changing traditional funding paradigms to stimulate sustainable partnerships for innovative research across agencies and disciplines