

National Monitoring Network Update

NMN Background

- The NMN was designed by the Council and more than 80 stakeholders in response to a recommendation by the U.S. Commission on Ocean Policy in 2004 in [“An Ocean Blueprint for the 21st Century.”](#)
- The National Ocean Policy Implementation Plan further charged the NWQMC with implementing the design of the NMN.
 - As part of implementation efforts, NMN promotes collaboration among freshwater and coastal water quality programs and networks.
- The original NMN Design directed the network to address a variety of water quality issues.
 - Because of resource limitations, a panel convened at the 2012 NWQMC narrowed the NMN’s focus to monitoring nutrient levels.
 - In Fall of 2012 the NMN communicated this narrowed focus to the NOP.

Plan elements

- Promote use of new sensor technologies
- Increase accessibility of data
- Promote links between freshwater and coastal nutrient models
- Assess how the NMN design can help to address water-quality issues in select estuaries
- Demonstration studies such as those being conducted in several estuaries and the Great Lakes to demonstrate the utility of the NMN Design
 - San Francisco Bay
 - Delaware Estuary
 - Lake Michigan

Recent Activities

- Two additional demonstration studies were initiated in 2012.
 - Albemarle Sound
 - Puget Sound

- MORE TO BE ADDED LATER

NMN-Related Session at 2014 NWQMC Conference

- C5: Nutrient monitoring and modeling to restore and protect coastal waters
- F7: pollutant trading
- G6: Challenging and innovative networks, models, and application of conservation information that support the Chesapeake Bay TMDL
- H9: PANEL: utilizing National Coastal Condition Data to meet State and Regional Needs
- J8: PANEL: Coastal Monitoring and regional ocean partnership alliances: data comparability and links to the NMN
- K1: Monitoring and modeling to restore and protect coastal water quality
- L4: Integrated monitoring and modeling to restore & protect a National Estuary - Barnegat Bay

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