

Workshop: Linking Elements of a National Water Quality Monitoring Network with IOOS

Jawed Hameedi

NOAA, Center for Coastal Monitoring and Assessment
Silver Spring, Maryland

NJ Water Monitoring Coordinating Council
Trenton, NJ
25 May 2005

U.S. Commission on Ocean Policy

An Ocean Blueprint for the 21st Century

- Preliminary Report (April 16, 2004)
 - Chapter 15: Creating a **National Water Quality Monitoring Network**
- Final Report (September 20, 2004)
 - Chapter 15: Creating a **National Monitoring Network**
 - Focus on “consistent national indicators” for determining ecosystem health and long-term evaluations.

Administration's Follow-Up to COP Recommendations

- Executive Order: established a “Committee on Ocean Policy” (December 14, 2004)
- Released U.S. Ocean Action Plan (December 17, 2004)

CEQ/NSTC Request to ACWI (December 2004)

- CEQ/NSTC – requested ACWI through the National Water Quality Monitoring Council ... to provide advice, council and recommendations that address U.S. COP recommendations regarding the creating of a “coordinated, comprehensive” national water quality monitoring network ... and recommend a design for a **National Water Quality Monitoring Network**

Linkage between the Network Design and IOOS

- Recommendation 15-2 of the U.S. Commission on Ocean Policy Report, a chapter on “Advancing Our Understanding of the Oceans, Coasts, and Great Lakes” in the U.S. Ocean Action Plan, and the CEQ/NSTC charge to ACWI call for: “linking of the network to the Integrated Ocean Observing System.”
- Three of the seven “important societal goals” listed for IOOS are directly pertinent to “water quality” monitoring: (1) manage resources for sustainable use, (2) preserve health and restore degraded ecosystems, and (3) ensure public health.

Ecosystem Observations Program (EOP)- Supported Workshop to Link Elements of IOOS with the planned National Water Quality Monitoring Network.

- Purpose: Identify linkages and a framework for interaction between IOOS and the National Water Quality Monitoring Network – notably in the context of the “**federally funded backbone**” of water quality networks and programs.

Workshop Participants

- About 30 people – I need your input in terms of individuals that we could contact
 - Resource managers
 - Representatives from academic and research institutions
 - Special interest and advocacy groups
 - Educators
 - Interested individuals

- Regional Focus

- Since the relative significance of coastal water quality and resource use issues differ widely among regions (e.g., freshwater delivery, toxic contaminants, nutrient-over enrichment, land and resource use patterns, etc.), the workshop must focus on a particular coastal region.
- Coastal Mid-Atlantic and Delaware Bay (encompass influences of the shelf and oceanic regimes and upland areas that affect coastal environmental quality).

- Time Frame

- The workshop should be held during the current fiscal year (September is the preferred time frame)

- End Products

- Please refer to the handout