

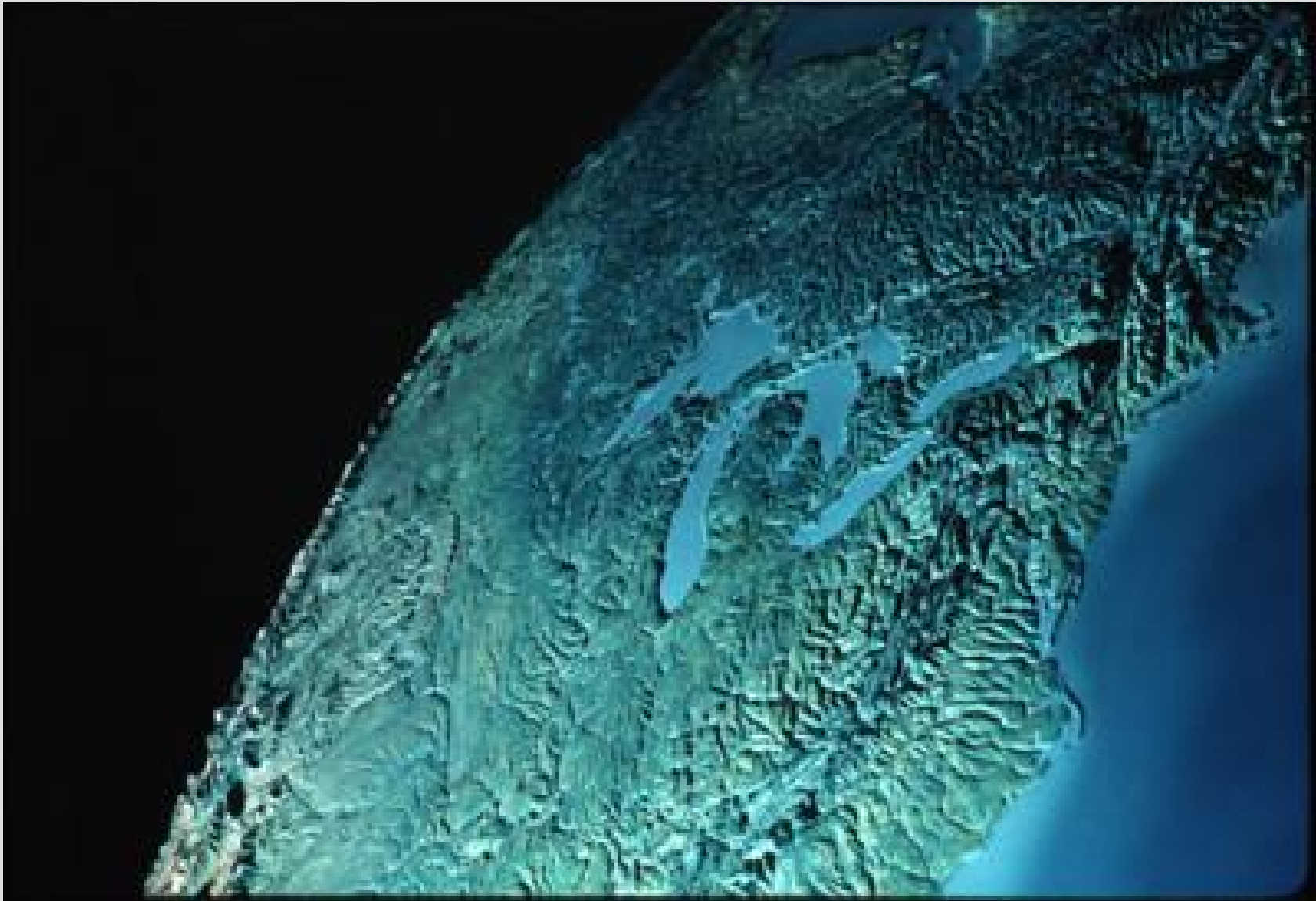


Pennsylvania's Great Lakes and Watersheds—Erie and Ontario

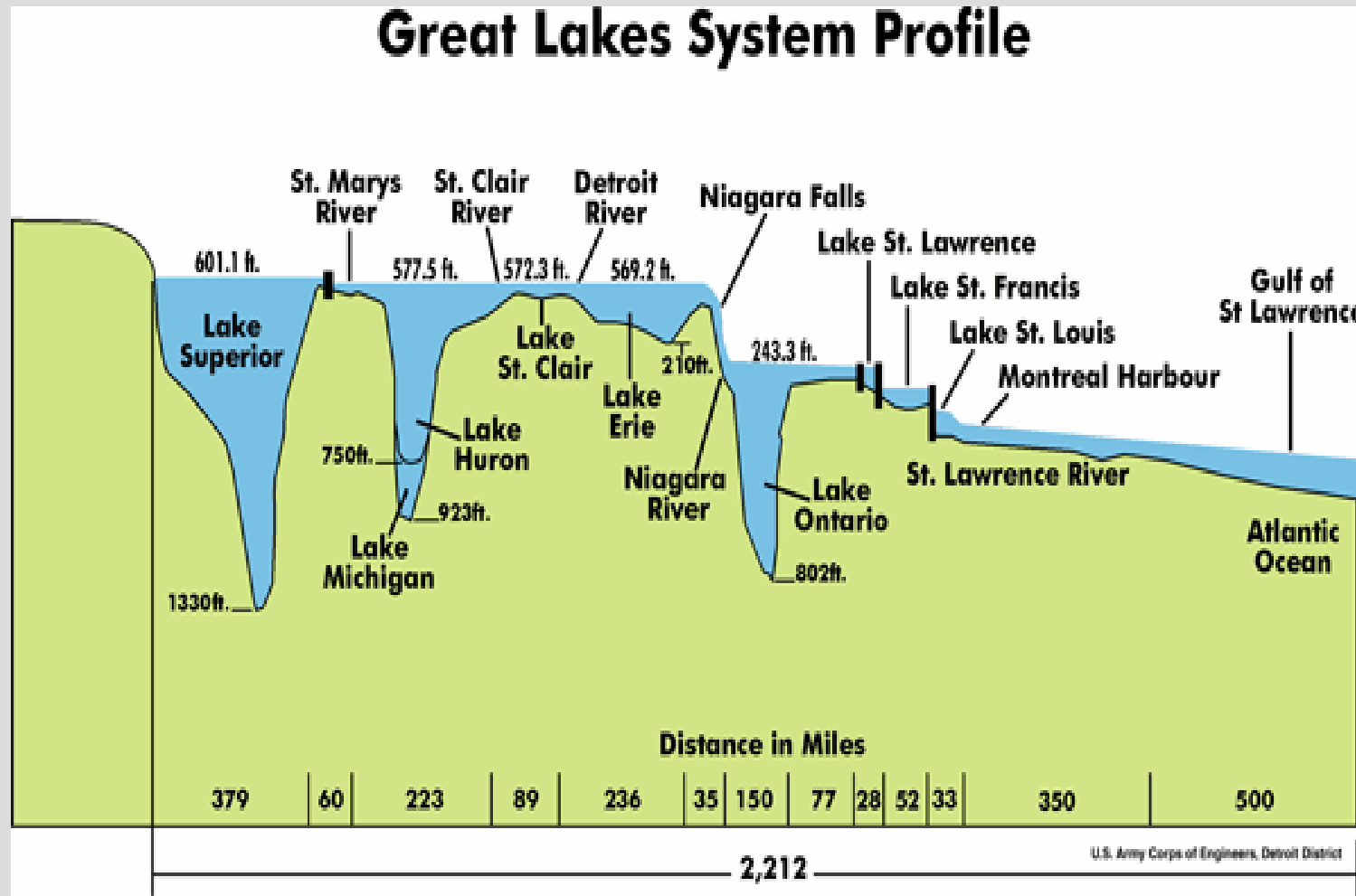
**Cathy Curran Myers
Department of Environmental
Protection
Deputy Secretary for Water
Management**

**le 7 octobre 2008
Ville de Québec**

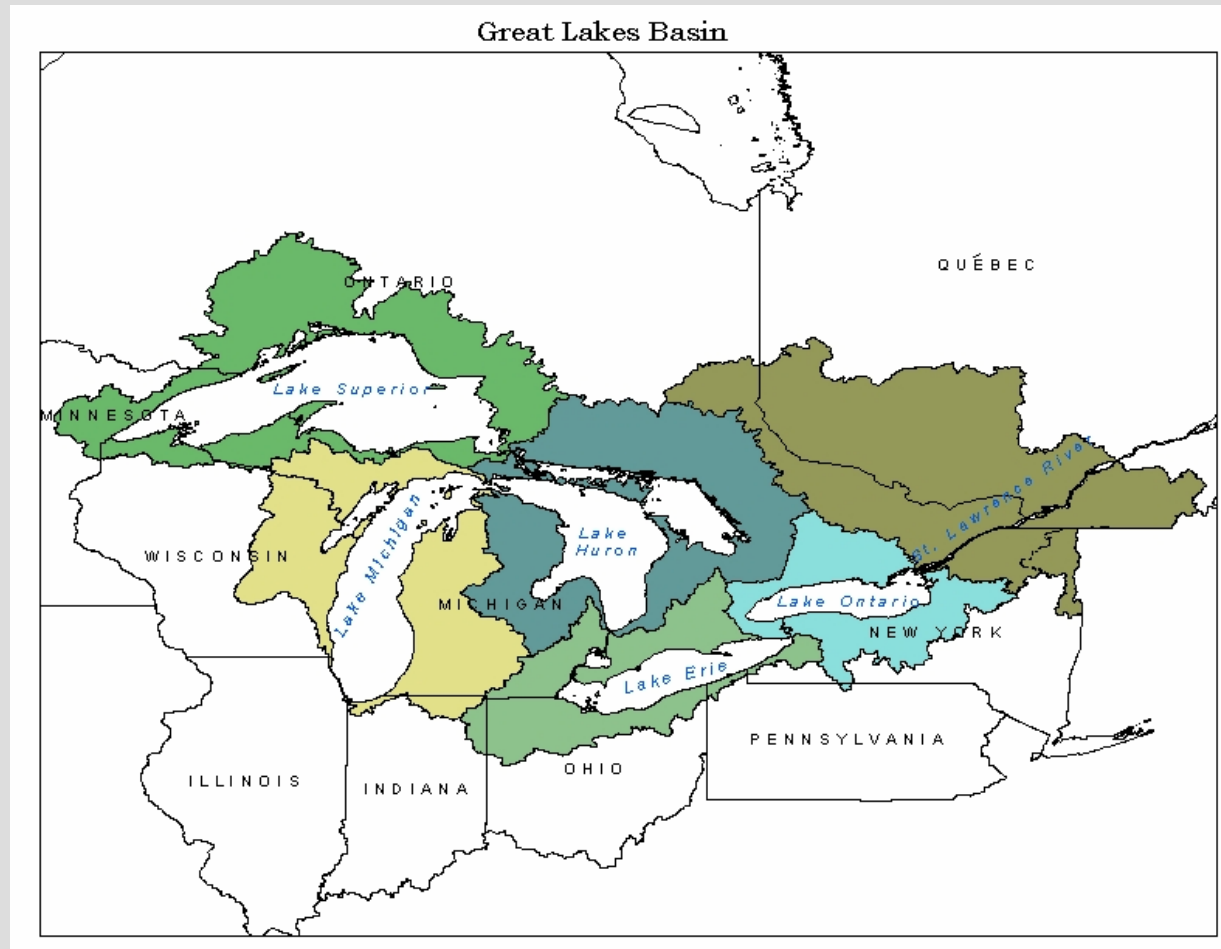
Just Head West Through the Seaway



Through a Few Locks



You'll Reach our Erie and Ontario Great Lakes Watersheds



Our Lake Erie Coast Contains More than Presque Isle and Erie



There's easy access by road or air

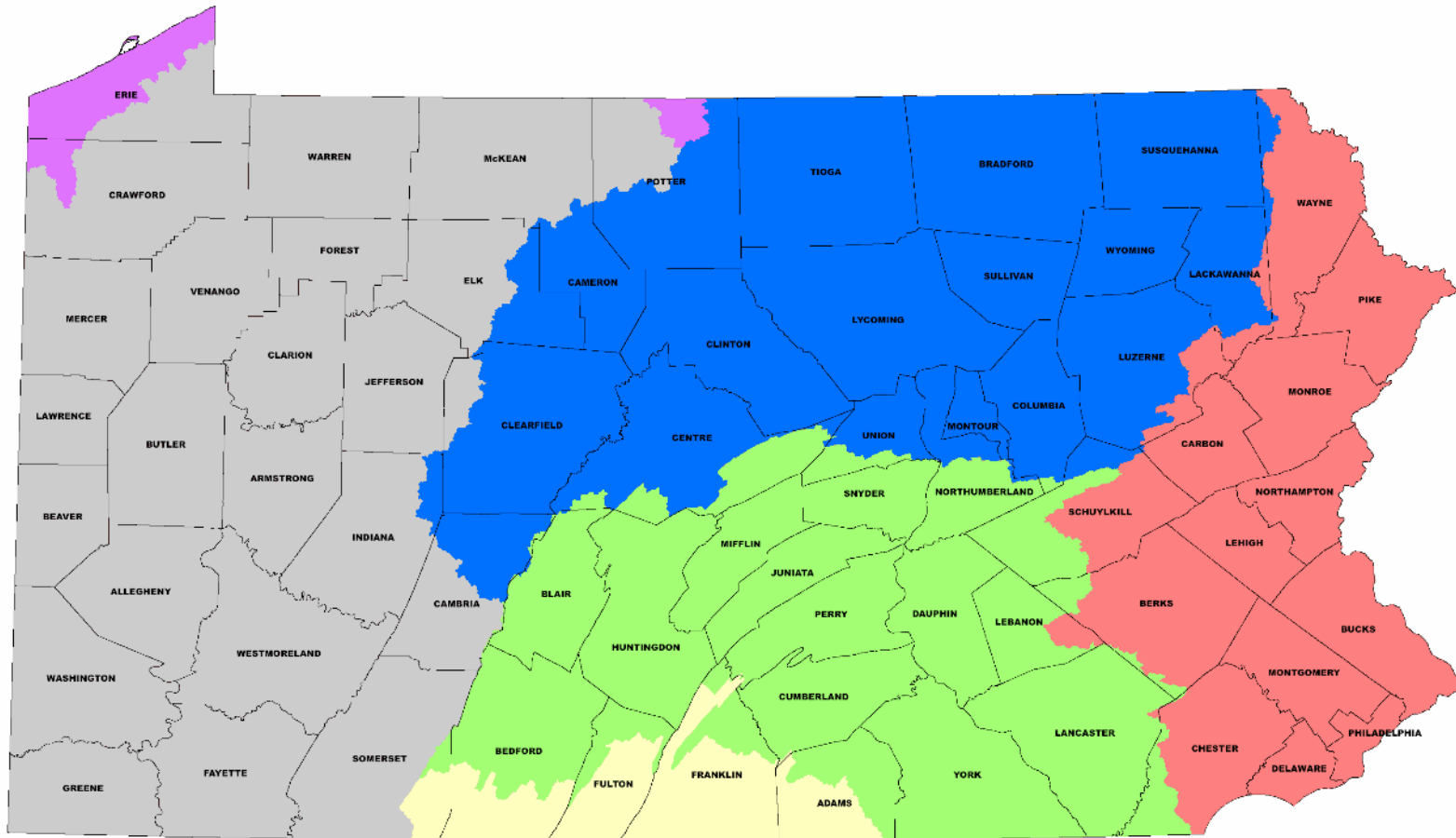


State-wide Efforts—Great Lakes Effects--The 2008 Pennsylvania State Water Plan



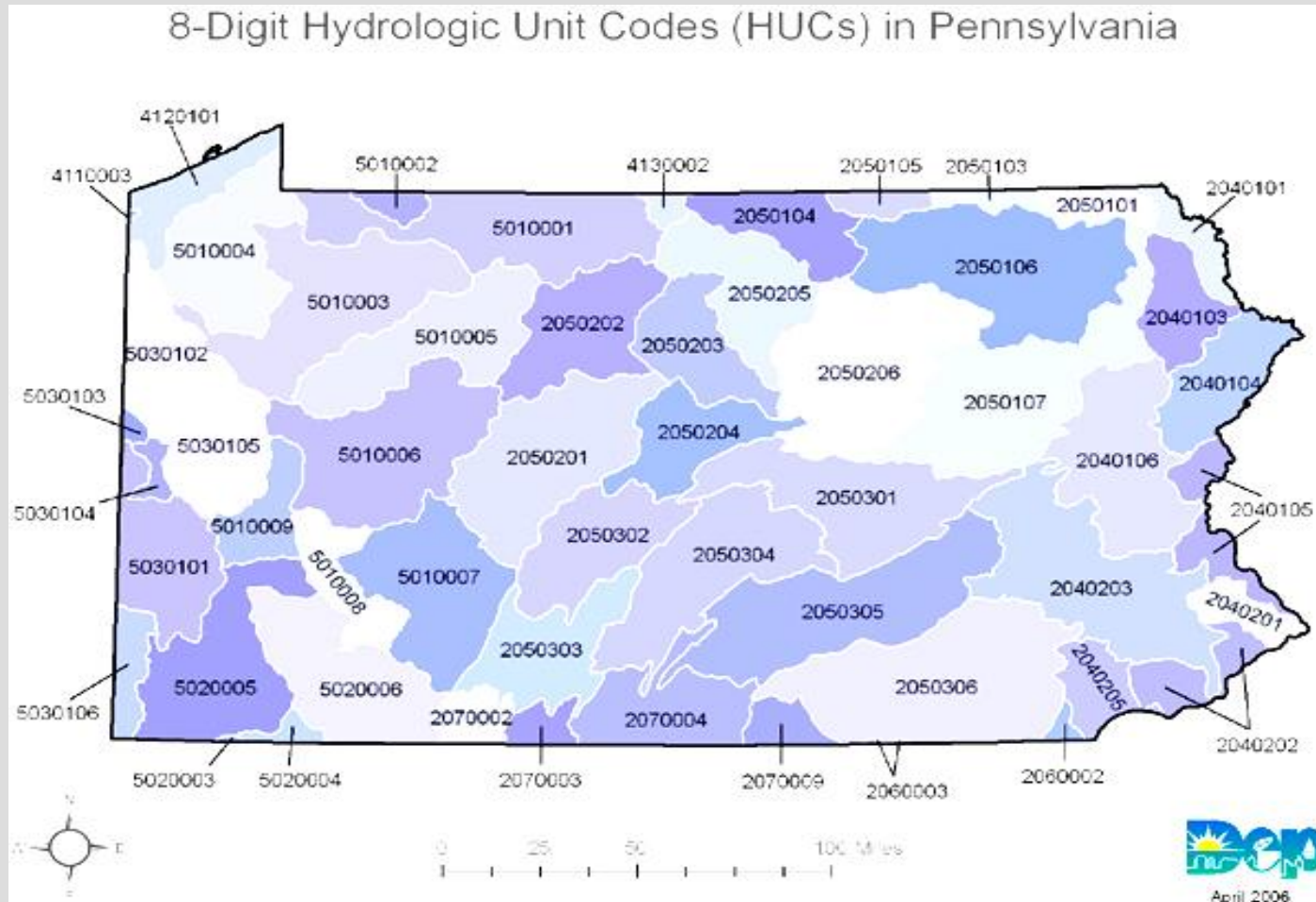
- **Benchmark Plan sets vision for 2008...2030**
- **Collaboration with 169 appointed Statewide and Regional Committee Members**

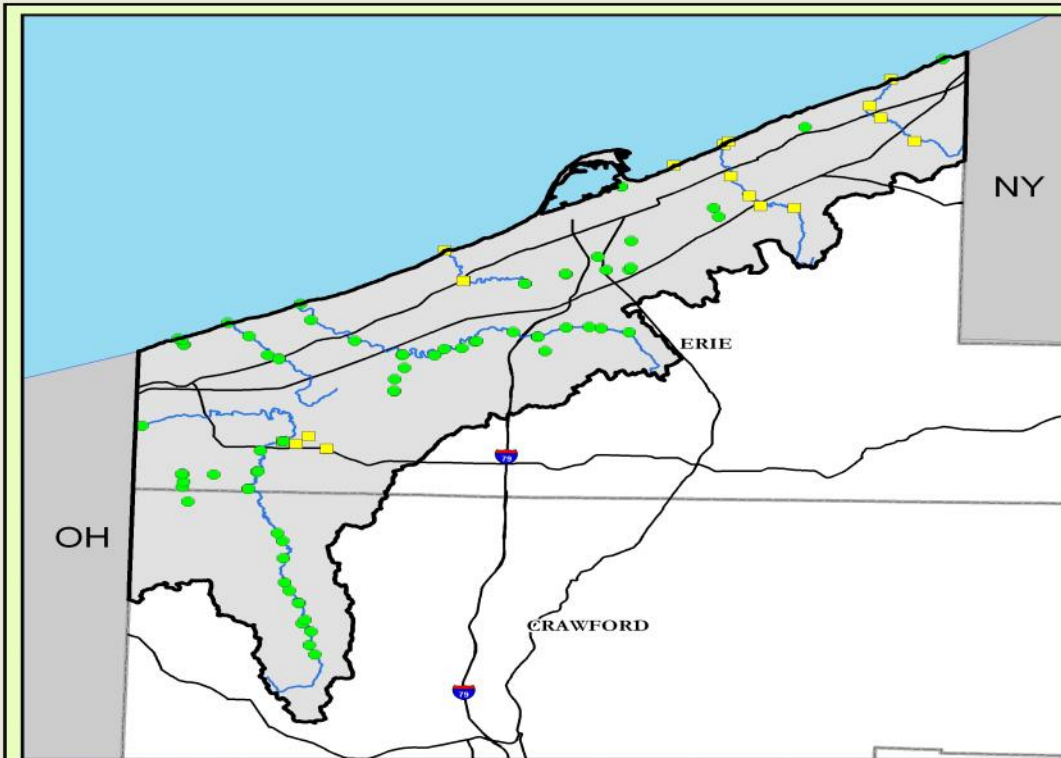
Regional Water Resource Planning Areas



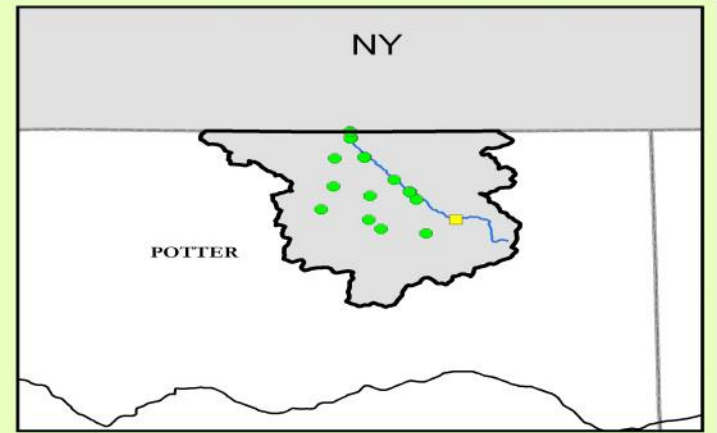
- Delaware River
- Lake Erie and Genesee River
- West Branch, Upper, Middle Susquehanna and Chemung River
- Ohio River
- Potomac River
- Juniata River, Lower Susquehanna River, Gunpowder, Northeast and Elk Creek

Building Blocks for the State Water Plan





LAKE ERIE



GENESEE RIVER

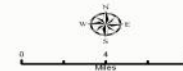


POUR POINTS SHOWING RESULTS OF INITIAL SCREENING

- Higher Potential for CWPA
- Lower Potential for CWPA

- Streams
- Major Roads
- County
- Planning Region

**Pour Points for Screening
Critical Water Planning Areas
within the Great Lakes Planning Region**



PennsylvaniaWater

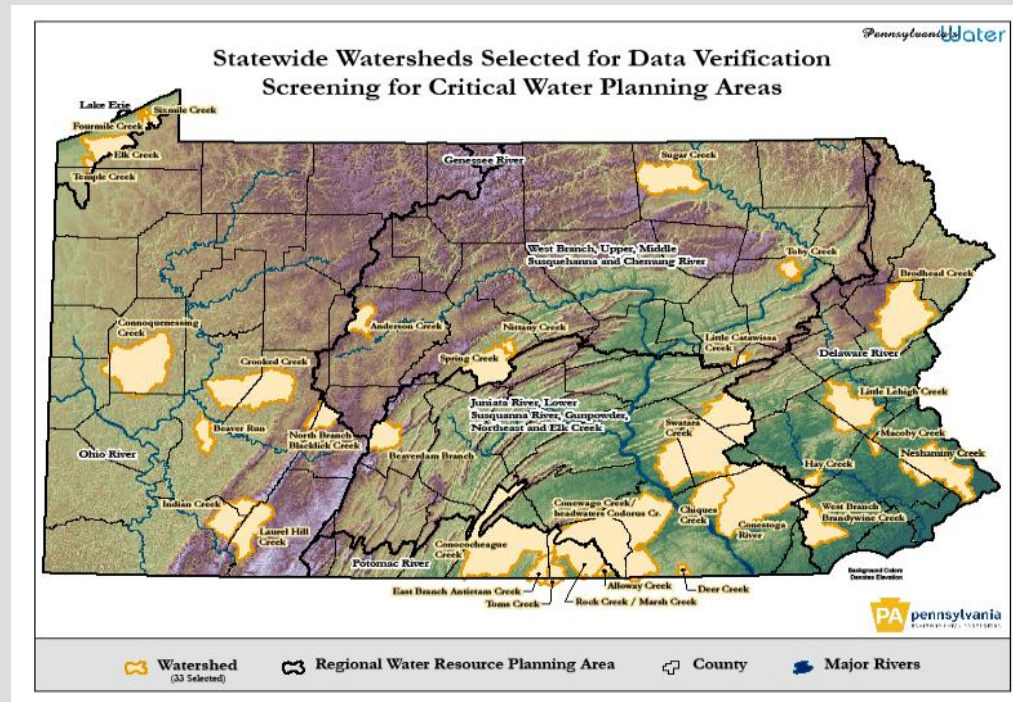
PA pennsylvania ENVIRONMENTAL PROTECTION

Data & Analysis

What does the State Water Plan do for Pennsylvania?

- **Answers the following questions:**
 - How much water do we have?
 - How much water do we use? and,
 - How much water do we need?
- **Provides information to make more informed decisions**

Data, Tool Development and Use



- Registration, Reporting and Record Keeping
- Water Analysis Screening Tool

Recommendations in the State Water Plan Include:

- **Trend Assessment**
- **Integrated Water Resource Management**
- **Water Conservation and Efficiency**

Other Current Water-Related Priorities in our GL Watersheds Include:

- **Energy Development**
- **Sustainable Infrastructure**
- **Adaptation to Climate Change**
- **Aquatic Nuisance Species Management**
- **TMDL's**
- **Riparian Buffers**

PA Great Lakes Regional Priorities:

To implement the terms of the Agreement and Compact. Support legislation and other measures that will protect the quantity and quality of water in Lake Erie



Great Lakes Regional Priorities also Include:



Maintaining the hydrologic integrity of the region by evaluating and addressing land use changes and their effects on point and non-point source pollution, recharge, flow, and the surface and groundwater regimes, and establishing the capacity to do so

Energy Development, Ports and Navigation



U.S. Brig
NIAGARA

A Dynamic Shoreline—"300 ft. out in the lake when Moses Cleveland passed through"



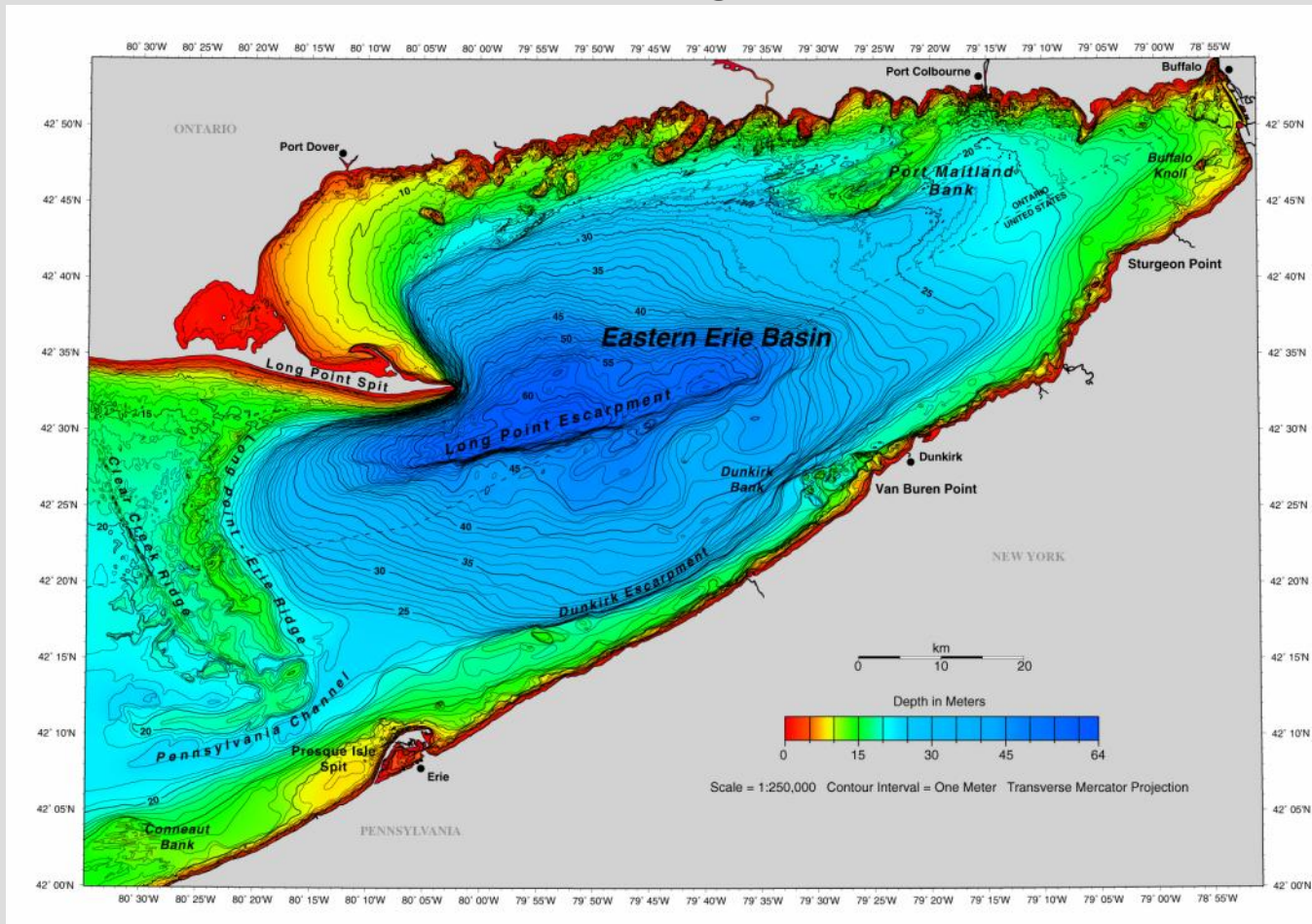
Coastal Erosion and Protection



Gull Point (Presque Isle)



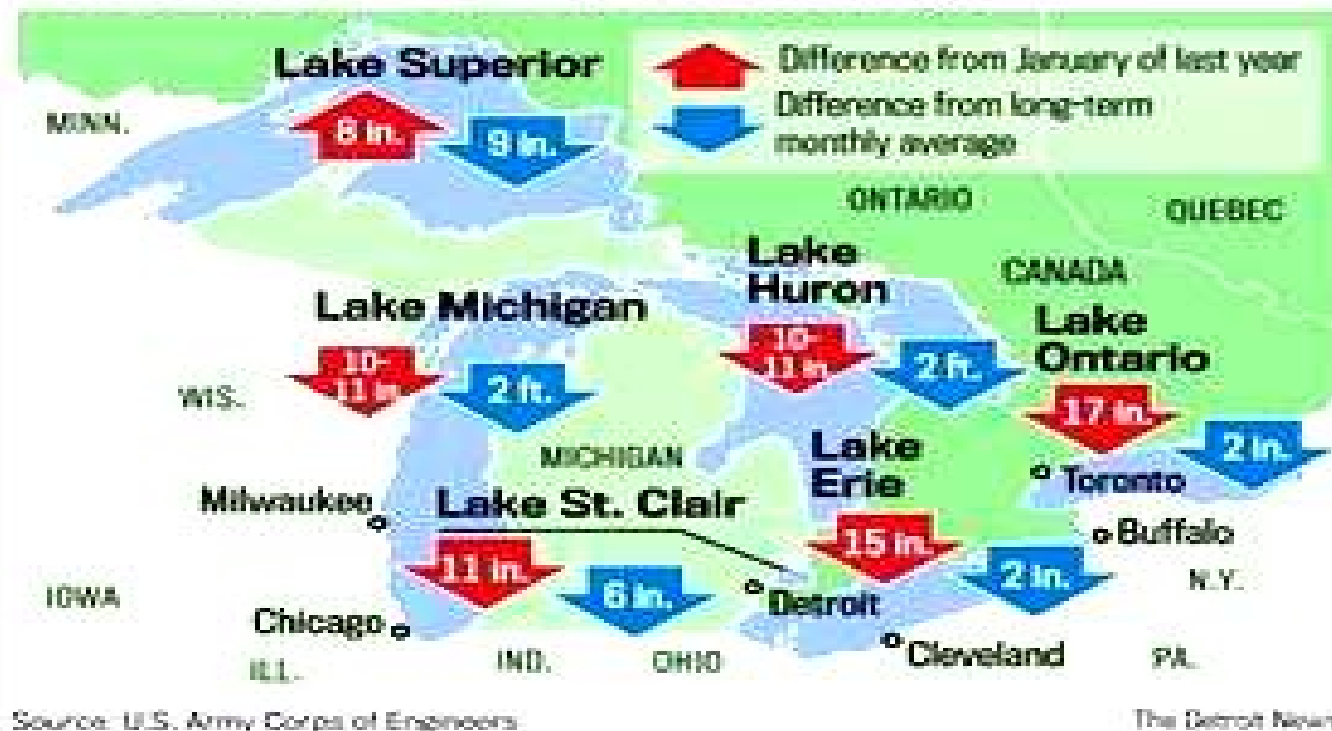
Something to consider: Future International Recognition Site--The Lake Erie Quadrangle???



Remembering why water conservation matters— 2007-08 Relative Lake Levels

Great Lakes levels

The Great Lakes and Lake St. Clair remain in a slump of low levels triggered by decreases in annual precipitation and snow accumulation. All of the lakes remain below their historical averages.



The Erie Waterfront is Evolving





Into an economic and recreational focal point for the city, region and Commonwealth. Even though it's an impossible task to follow Québec as host, we hope to invite you soon to Erie for the 2009 Annual Meeting—details to follow.