The initiative is a system-wide solution that provides a comprehensive analysis of storm and high water events within the Great Lakes Basin.
Vision

Update NFIP Products, Add Flood Risk Information

Increase Public Awareness of Lake Levels

Improve Communities Resilience to Flood Loss

Vision

Update NFIP Products, Add Flood Risk Information

Increase Public Awareness of Lake Levels

Improve Communities Resilience to Flood Loss
Strategic Objectives

- Augment Community Engagement
- Reduce flood hazard gaps in the NFIP map inventory
- Provide an enhanced, flexible digital platform
- Utilize products in comprehensive community planning decisions
- Increase high priority mitigation actions and decrease disaster relief costs.
# Great Lakes Program Governance

## Committees

<table>
<thead>
<tr>
<th>Steering</th>
<th>Technology</th>
<th>Geospatial</th>
<th>Outreach</th>
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<tr>
<td>#*FEMA Region 5</td>
<td>#*USACE-ERDC</td>
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## GLC Group Members

*Active members # Coordinator of Committee

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## Contract Support

- STARR & RAMPP
  - Accenture

## Strategic Alliance

- FEMA HQ-Risk Analysis Division

## Legend

- Gold = Execute program decisions
- Green = Expedite subprojects initiated by the Steering Committee
- Light Gray = Observe, provide feasibility assessment as needed, develop work products
- Purple = Maintain strategically the Risk MAP related endeavors and objectives

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ASFPM = Association of State Floodplain Managers
EA = External Affairs
ERDC = Engineer Research and Development Center
FEMA = Federal Emergency Management
IJC = International Joint Committee Canada & US
NOAA = National Oceanic and Atmospheric Administration
USACE = US Army Corps of Engineers
USGS = U.S. Geological Survey
EPA = Environmental Protection Agency
Program High Level Risks and Issues

- V-Zone/LimWAs
- Climate Change
- Transect Length and Where to Begin
- Impact of Ice
- Wave Runup & Energy
- LiDAR/Remote Sensing
- Screening Storms How? & Size
- Empirical vs. Numerical Modeling
- Computing Resources

FEMA
RiskMAP
2010 Project Outputs

- Oblique Partial Collection (Lake Michigan) & Viewer
- Oblique Analysis
- Lake Michigan & Lake St. Clair Basinwide model (Data Analysis, Model Set Up, Wave & Water Level Production Modeling)
- Web Interface to Access supporting data “CSTORM-MS” (Coastal Storm Modeling System)
- Focus Studies (Wave Run-up, Beach Erosion, Storm Sampling)
- Program Outreach Strategy
- Technology Transfer Group

USACE/ERDC

ASFPM

- Fact Sheets
- Website
- Speakers Bureau
- Advocacy
- Pilot Newsletter
2010 Project Outputs

- Lake Superior & Lake Huron Basinwide model (Data Analysis, Model Set Up)

- Lake Ontario and Lake Erie Basinwide model: (Data Analysis, Model Set Up, Wave & Water Level Production Modeling)
Status of Shoreline Bathymetry
Questions & Stakeholder Expectations

- **Website:** [http://www.greatlakescoast.org/](http://www.greatlakescoast.org/)

- Fact Sheets on Website to Download.
  - **Program Summary:**
  - **Water Levels:**
  - **Bathymetry:**
    Data from the Join Airborne LiDAR Bathymetry Technical Center of Expertise, (JALBTCE) collected 2006-2008
Welcome to GreatLakesCoast.org

Great Lakes Coastal Analysis & Mapping
Wind Surge Study
Coastal Hazard Analysis & Mapping
Great Lakes Flood Zones Overview
Outreach
Additional Resources
Contact Information
Site Map

Search for:
Search

Presentations from 2011 NYSFSMA Conference
May 13, 2011 — Great Lakes Coast
The following two presentations related to the Great Lakes Coastal Flood Mapping Program were presented at the New York State Floodplain and Stormwater Managers Association (NYSFSMA) Conference on April 28th, 2011. Use the links below to view the presentations from US Army Corps of Engineers and Baird:

USACE Presentation from NYSFSMA
Baird Presentation from NYSFSMA

Posted in Presentations.
Tags: Baird, Conferences, NYSFSMA, USACE.

Comprehensive Elevation Inventory for the United States Now Available
May 4, 2011 — Great Lakes Coast

News from NOAA Coastal Services Center:

Topographic and Bathymetric Data Inventory:
http://www.csc.noaa.gov/topebathy/

The first comprehensive inventory of elevation data sets for the nation is now available. NOAA and FEMA have worked together to inventory elevation data, both topographic and bathymetric, for all 50 states and Puerto Rico.

The NOAA inventory initially focused on coastal elevation data, and a partnership with FEMA allowed expansion to the interior of the country. The inventory's data viewer provides...