Linking Data and People During Spill Planning and Response on the Great Lakes

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OVERVIEW OF THE GREAT LAKES COMMISSION

• Binational Agency serving the Great Lakes states, Ontario and Quebec

• Formed in 1955 through enactment of U.S. state legislation and federal law

• Established associate membership program for Canadian provinces in 1999
OVERVIEW OF THE GREAT LAKES COMMISSION

• Promotes the informed use, management and protection of the water and related natural resources of the Great Lakes Basin and St. Lawrence River

• Addresses resource management, environmental protection, transportation and sustainable economic development issues

• Coordinates information sharing, policy research and development, and advocacy issues that focus on hydrologic, rather than geo-political boundaries
GLC OIL RELATED ACTIVITIES

GREAT LAKES SPILL PROTECTION INITIATIVE

Formed by the Great Lakes Governors and CEOs of major oil companies in the Great Lakes Basin.
GLC OIL RELATED ACTIVITIES

GREAT LAKES SPILL PROTECTION INITIATIVE

• Establish cooperative approaches to spill prevention.

• Develop appropriate legislative initiatives to address spill response and prevention.

• Expand participation in spill response and prevention activities.

• Stress awareness and information dissemination.
The GLC supports U.S. EPA Region 5 and the Inland Area Committee (IAPC) in developing the Regional and Area Contingency Plans.
The GLC assists U.S. EPA Region 5 and the Inland Area Committee (IAPC) by using GIS in the collection and compilation of sensitive area and spill source data in the Great Lakes states.

These atlases are published as individual volumes covering all six states within U.S. EPA Region 5.
Map layers generated for the project include:

- Managed Areas
- Tribal Areas
- Sensitive Species
- Marinas
- Surface Water Intakes
- Potential Spills Sources
GLC OIL RELATED ACTIVITIES

NATIONAL PREPAREDNESS FOR RESPONSE EXERCISE PROGRAM

Trenton, MI - 2000
Cheboygan, MI - 2001
GLSPI

MAPPING

PLANNING

PREP

FSIC

Great Lakes Commission des Grands Lacs
FSIC HOMEPAGE

Developed to:

Centralize data and resource information currently housed in fragmented locations

Keep information readily available and navigation simple
www.freshwaterspills.net

FSIC HOMEPAGE

Serves as a point of entry for users searching for:

Freshwater Planning and Response Information

Research Data and Abstracts

Education and Outreach

Emerging Response and Prevention Technologies

Geographic Information System Data

Organizational Links
GLC projects only cover a small fraction of the total data available for oil spill response in the basin. GLIN DD also acts as a portal to point users to additional data and information to complement what is already in GLIN.
GLIN Data Directory Concept

GIS Data Directory developed by the Commission to minimize data acquisition during a response

Designed to provide access to uniform baseline data for the Great Lakes basin and guide the standardization of metadata

ACP Sensitivity Mapping

NOAA Environmental Sensitivity Indexes

USACE Topographic Data

Coastal Wetlands Inventories
Directory provides a clickable ARC/IMS map

Map is searchable by:

Watershed County
GLIN Data Directory Concept

Directory provides data tables and links to metadata and direct data downloads.
GLIN Data Directory Concept

For more information on the directory visit:

http://manitou.glc.org.mapsite/glindss/viewer.htm
GLIN Data Directory Concept

www.freshwaterspills.net

www.glin.net

www.glc.org

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