

# ***Great Lakes Regional Research and Information Network (GLRRIN)***

*Jeffrey M. Reutter, Ph.D.*

*IJC CGLRM Meeting*

*Duluth, Minn. 3-4 October 2006*

# *Objectives*

- 1) To build upon the LEMN model and establish a voluntary, non-regulatory, binational structure for coordinating, communicating and collaborating (3 C's) on research, education, and outreach efforts on each of the Great Lakes and an overall network for the entire region.**

# ***Objectives***

**2) To provide an ongoing platform (network) for coordination, collaboration, communication and resource sharing and assist the Council of Great Lakes Research Managers (IJC) in developing and implementing its Great Lakes Research Strategy. This network will provide the broad user and stakeholder input needed for bottom-up needs assessments for research, education, and outreach and to evaluate the effectiveness of the research strategy.**

*Jeffrey M. Reutter, Director Ohio  
Sea Grant, OSU*

# ***Objectives***

- 3) To support and add value to existing regional management and coordination groups including the BEC, LaMPs, RAP groups, Lake Technical Committees of the Great Lakes Fisheries Commission, Council of Great Lakes Research Managers of the IJC, etc.**

# ***Objectives***

- 4) To provide a single point of contact for each lake to reach all research scientists on that lake
- 5) Build research capacity on each lake
- 6) Facilitate rapid response to RFPs
- 7) Develop research information network to support GLRC.

# ***Objectives***

- 8) Show how GL priorities and needs fit into Ocean Research Priorities Plan
- 9) Identify and clarify research priorities and issues and the science questions to address these priorities (not prioritize research)
- 10) Facilitate development of proposals to address above priorities and issues

# *Lake Superior Research and Information Network*

Jeff Gunderson, Minnesota Sea Grant, Director

Margo Shaw, ULERN

Jack Kelly, USEPA Research Division, Duluth

Tom Pratt, Canada Department of Fisheries and  
Oceans

# *Lake Michigan Research and Information Network*

**Anders Andren**, University of Wisconsin, Wisconsin Sea Grant Director

**Phil Mankin**, University of Illinois, Illinois/Indiana Sea Grant Director

**Stephen Brandt**, NOAA, Great Lakes Environmental Research Laboratory, (GLERL), Director

**Paul Horvatin**, US EPA, Great Lakes National Program Office (GLNPO), Monitoring and Reporting Branch, Chief

*Jeffrey M. Reutter, Director Ohio Sea Grant, OSU*

# *Lake Huron Research and Information Network*

**Donald Scavia**, University of Michigan, Michigan Sea Grant,  
Director

**G. Doug Haffner**, University of Windsor

Great Lakes Institute for Environmental Research

**Leon Carl**, US Geological Survey (USGS)

Great Lakes Science Center, Director

**David McLeish**, Ontario Ministry of Natural Resources

# *Lake Erie Millennium Network*

**Jeff Reutter**, Ohio State University, Ohio Sea Grant  
and Stone Lab, Director

**Jan Ciborowski**, U. Windsor, Great Lakes Institute for  
Environmental Research

**Russell Kreis**, USEPA, Grosse Ile, Director/Branch  
Chief

**Murray Charlton**, Environment Canada

# *Lake Ontario Research and Information Network*

Jack Mattice, New York Sea Grant, Director

Gary Sprules, University of Toronto

Jim Johnson, USGS

Bruce Morrison, Ontario Ministry of Natural Resources

# *Overall Regional Network* *(Elected at first meeting on 9/6/06)*

## Academic

Canadian—Jan Ciborowski, Univ. Windsor

US—Jeff Reutter, Ohio State Univ.

## Agency

Canadian—TBD

US—Paul Horvatin, US EPA, GLNPO

# *GLRRIN Composition*

- the two academic members from each lake network (six US and four Canadian);
- US representatives from GLERL (NOAA), US EPA, USGS, USFWS, and USACE;
- Canadian representatives from the Ontario ministries of the Environment and Natural Resources, the Canada Department of Fisheries and Oceans, and the National Water Research Institute of Environment Canada;
- Bi-national representatives from the International Joint Commission (through the Council of Great Lakes Research Managers—Harvey Shear, University of Toronto and Canadian Co-Chair of the Council has agreed to serve in this position), the Great Lakes Fishery Commission, the Great Lakes Commission; and,
- a representative from the Great Lakes Sea Grant Extension Network, the Great Lakes Sea Grant Communications Network, and the Great Lakes COSEE.
- To guarantee a close working relationship between GLRRIN and the Council of Great Lakes Research Managers, IJC, Mark Burrows, the Council's Secretary, will also serve as the Secretary of GLRRIN.

*Jeffrey M. Reutter, Director Ohio  
Sea Grant, OSU*

# *GLRRIN Composition*

## Academic:

**Superior**—Jeff Gunderson, Margo Shaw

**Michigan**—Anders Andren, Phil Mankin

**Huron**—Don \ Scavia, Doug Haffner

**Erie**—Jan Ciborowski, Jeff Reutter

**Ontario**—Jack Mattice, Gary Sprules

# *GLRRIN Composition*

## US Agencies:

NOAA GLERL, Steve Brandt

US EPA, Paul Horvatin

USGS, Leon Carl

USFWS,

USACE, Jan Miller

# *GLRRIN Composition*

## Canadian Agencies:

Environment Canada,

DFO, Tom Pratt

OME,

OMNR,

# *GLRRIN Composition*

## Regional/Binational Organizations:

IJC, Harvey Shear

GLFC, Jon Detmers

GLC,

# *GLRRIN Composition*

## Education and Outreach:

SG Communicators, Jill Jentes

SG Extension, Jim Hurley

GL COSEE, Steve Stewart

Secretary: Mark Burrows, IJC

# *Budget*

\$25,000 (US)/Lake for 2 years

\$10,000/Lake for years 3-5