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# **MINUTES OF 47th MEETING COUNCIL OF GREAT LAKES RESEARCH MANAGERS**

**University of Toledo, Lake Erie Center**

**Oregon, Ohio  
March 19, 2008**

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## **U.S. Members Present**

Cynthia Sellinger, for  
Stephen Brandt  
(U.S. Co-chair) Great Lakes Environmental Research Lab, NOAA,  
Ann Arbor, MI

Joe DePinto Limnotech, Inc. Ann Arbor, MI, also representing the International  
Association for Great Lakes Research (IAGLR)

Janet Keough U.S. Environmental Protection Agency, Office of Research and  
Development, Duluth, MN

Jeff Reutter Ohio Sea Grant College Program; Ohio State University, Research  
Center, Columbus, OH

## **Canadian Members Present**

John Lawrence Aquatic Ecosystem Management Branch, EC; CCIW;  
(Canada Co-chair)

Jan Ciborowski University of Windsor, GLIER

Dan Bondy Science and Innovation Partnerships, Health Canada, Tunney's  
Pasture, Ottawa, ON

Saad Jasim Walkerton Clean Water Centre, Walkerton, ON

## **Other Invited Attendees**

Mr. John Nevin IJC Washington D.C. Liaison

## **Secretary**

Mr. Mark Burrows IJC Great Lakes Regional Office, Windsor, ON.

## **Introductions & Approval of Agenda**

John Lawrence welcomed the Council members; everyone introduced themselves and reviewed the agenda. All agreed to accommodate the schedules of those who could not attend both days by condensing discussion into one day versus two days as originally planned. The topic of orphan data, datasets that might be lost due to dissolution of IJC reference groups, datasets held by individuals planning to retire and other data without plans for archival that might be of value, was added to the agenda.

The status of action items from the 46<sup>th</sup> CGLRM meeting held November 13-14, 2007 in Ann Arbor, Michigan were reviewed:

- VHS and Land Loadings workshops were carried out as planned and the results will be circulated as they become available.
- A letter regarding 2007-09 Work Group co-chairs was sent in response to the WQB letter and all agreed that CGLRM representatives to the 5 groups could keep the other members informed on items of interest.
- A budget request for continued funding in the amount of \$30K for future research coordination workshops is pending.
- Jan Ciborowski has requested a CGLRM membership nominee from IAGLR and is awaiting a response.
- Council membership will be reviewed and renewed as required and a representative from DFO is still being sought.

The minutes of the 46<sup>th</sup> meeting were approved without further discussion. (ref: <http://ijc.org:8080/glro/glro-web/cglrm/meets/46minutes.pdf/view> ).

**Action items (carried over from 46<sup>th</sup> meeting):**

- Jan Ciborowski will explore a new appointment nominee from IAGLR
- John Lawrence will look into an appropriate nominee from DFO, possibly Scott Millard.
- Mark Burrows will take action to address terms expiring in 2008

**Discussion of the Great Lakes Coordinated Science Initiative (CSI) and Research Coordination Strategy**

John Lawrence briefly reviewed the substance of the CSI teleconference discussion that was held on March 19, 2008. Participants in that discussion were:

- Glen Warren, EPA, GLNPO
- Jan Ciborowski, Univ. of Windsor GLIER
- Jeff Reutter, OSU Stone Lab, Sea Grant
- John Lawrence, EC
- Mark Burrows, IJC
- Norm Grannemann, USGS
- Paul Horvatin, EPA, GLNPO
- Violetta Richardson, EC

The Binational Executive Committee has agreed, in principle, to the suggested framework for organizing CGLRM, GLRRIN and CMI activities in a collaborative manner. A revised proposal will be drafted by the BEC CSI subcommittee and cleared through the IJC and GLRRIN project leads for approval. Copies of the CGLRM letter and CSI committee proposal are attached.

Participants also discussed areas for improvement in the Research Coordination Strategy.

**Action Items:**

- Send comments back to BEC CSI subcommittee regarding revised proposal as per 3/19 teleconference. (CGLRM Secretary)
- Address CSI framework with other suggested improvements in a revised draft of the Research Coordination Strategy document for CGLRM review and approval. (CGLRM Secretary) The target date: August 1, 2008.

**12<sup>th</sup> Annual Science Vessel Coordination Workshop held January 15-18, 2008 in Traverse City, Michigan:**

Mark Burrows and briefed the group on the outcome of the subject workshop that was held in partnership with the Great Lakes Captains Association. The focus of the science vessel session was research diving safety. This discussion was led by Caleb Basiliko and Luke Clyburn and resulted in a very productive exchange between science vessel operators with a variety of related experiences. The session also included a presentation by Laurent Bellavance on the research vessels Coriolis II and Lampsilis that operate in the St. Lawrence and Gulf of St. Lawrence in support of university research as well as a debut of the new [www.CanAmGLASS.org](http://www.CanAmGLASS.org) website.

- Areas for improvement included training, length of the science vessel session and Canadian participation. Subcommittees have been developed to address training and program development to address these areas. In addition, the steering committee will explore opportunities to hold a meeting in Canada.

**Action item:**

- Continue to work with the Science Vessel Coordination steering committee and participate in subcommittees for the January 13-16, 2009 program. (CGLRM Secretary)

**Discussion of NOAA Research on Saginaw Bay**

Cynthia Sellinger, representing Stephen Brandt briefed the Council on NOAA funded research focused on managing the impacts of multiple stressors in Saginaw Bay. The project was funded for approximately \$3.5M over 5 years (only one funded); examining water level, P, invasive species; and how they affect the water quality and fisheries of Saginaw Bay. Work will take advantage of 30 years of data gathered on Saginaw Bay, local stakeholder groups and will develop an Adaptive Integrative Framework. Interactive approach is designed to provide useful information for managers.

A suite of models from purely empirical to very complex process oriented models will be developed to untangle how the various factors are making it difficult for the managers to work on remediation; as data are collected, models will be revised. A cladophora submodel will be included in an effort to understand if there's been a real shift from pelagic to benthic production in Saginaw Bay; what stressors are being driven by the system's change. There is no connection to the IJC's upper Great Lakes study; however the two overlap to some extent. Craig Stowe may be available to provide a briefing to the IUGLS and perhaps participate in the IUGLS public meeting in Bay City. The study might also be able to provide a briefing at SOLEC.

**Action item:**

- Investigate feasibility of briefings to IUGLS and SOLEC

**Discussion of VHS and Land Loadings Research Coordination Workshops**

CGLRM Workshop Steering Committees:

- VHS steering committee Brian Grantham and Eugene Braig
- Watershed focus workshop steering committee- Janet Keough, Paul Bertram, Joe DePinto, Brian Grantham, Jan Ciborowski, and Steve Brandt

Mark Burrows, Jan Ciborowski and Jeff Reutter briefly reviewed the proceedings of both workshops, the VHS workshop had just concluded on March 13<sup>th</sup> and the Land Loadings workshop had just wrapped up just prior to the Council meeting on March 19<sup>th</sup>. Both workshop organizers are planning to have reports, executive summaries and recommendations. All presentations and other material will be posted on the web and made public as they become available. (<http://ijc.org:8080/glro> and [www.LEMN.org](http://www.LEMN.org))

**Action Items:**

- Work with subcommittee members and contractors to review, wrap-up and publish workshop reports. (CGLRM Secretary)

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

Jeff Reutter provided a brief summary of GLRRIN activities. Both research coordination workshops were co-sponsored by GLRRIN, and individual lake networks are starting to take off and more fully develop. LMRRIN is going to help with the 2010 coordinated initiative and similar things are happening on Lake Superior; success will really be based on how each lake adds value to what's going on in each area.

The [www.GLRRIN.info](http://www.GLRRIN.info) web site continues to develop. The site features spotlights on individual Great Lakes researchers and their projects and branches to each lake network so that as a tool for organizing and communicating.

Participants discussed getting representation from EC, particularly as a basin representative. Considering that BEC is interested in partnering with GLRRIN in the Coordinated Science Initiative, direct involvement from EC is now feasible.

**Action Item:**

- Identify and designate a GLRRIN basin representative from EC. (John Lawrence)

**Status of IJC 2007-2009 Priority Work Group activities.**

Participants discussed the status of work group activities. The 5 priority work group areas addressed under the nearshore framework are: Eutrophication, Fish Contaminants, Beach Closures, Emerging contaminants and AIS. All will include overarching factors such as climate change and urban growth.

All have appointed Co-chairs and have held initial meetings or teleconferences; however most are in planning stages at this point.

**Action Items:**

- CGLRM workgroup representatives will alert CGLRM membership to items of potential interest as required. Ref: workgroup membership list at <http://ijc.org:8080/glro/glro-web/priorities/2007-09/wg/view>
- Keep members apprised of developments concerning the IJC 2007-09 work groups. Send web site link to remind all. (CGLRM Secretary)
- Visit <http://ijc.org:8080/glro/glro-web/priorities/2007-09GLRO> webpage to keep up to date with progress. (All)

**New Business**

Orphan data: Council members discussed what could be done to help keep data sets from being lost as researchers retire and study groups/task forces finish special studies and background research. The group discussed the potential for GLOS, GLIN, WEEMS system at Windsor and others systems to provide this sort of service.

Additional tasks associated with finding and protecting data in danger of being “orphaned”: Explore current actions by various agencies to maintain their data sets and potentially share them around the Great Lakes; study work done by the indicators implementation task force (IJC task force) that had developed its own data base of indicators; consider work that might be assigned to CGLRM summer intern. We could also consider possibly holding a workshop on the topic of long term data presentation/preservation.

**Action item:** Mark Burrows will check into the issue and discuss options with Roger Gauthier from the Great Lakes Observing System.

**Next Meeting**

A teleconference will be held May 6, 2008 at 10 a.m. Eastern Time. The next face-to-face CGLRM meeting is scheduled for October 21, 2008 in Niagara Falls in conjunction with SOLEC.

**Enclosures:** (1) Council Meeting Agenda, March 19-20, 2008

**Enclosure (1) to CGLRM meeting minutes**

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## **Agenda**

**The Council of Great Lakes Research Managers' 47<sup>th</sup> Meeting**

**LAKE ERIE CENTER, UNIVERSITY OF TOLEDO**

**Toledo, OH**

**March 19-20, 2008**

<b>Time</b>	<b>Item</b>	<b>Topic</b>	<b>Responsibility</b>
13:00 pm	1	Welcome to CGLRM Meeting Participants from Dr. Carol Stepien, Director Lake Erie Center, University of Toledo	Burrows/Lawrence/
13:05	2	Introductions & Approval of Agenda	Lawrence
13:15	3	Approval of minutes from November 13-14, 2007 Meeting	Burrows
13:20	4	Coordinated Science Initiative	Lawrence
14:00	5	Revision of Research Coordination Strategy	Lawrence/Burrows
14:30	6	Report on 12 <sup>th</sup> Annual Science Vessel Coordination Workshop Discuss NOAA Project in Saginaw Bay	Burrows
14:45	7	Discussion of Loading from Landscapes and Coastal Margin Effects Workshop	Ciborowski/Reutter
15:00	8	Break	
15:15	9	Discussion of VHS Workshop and research coordination efforts	Grantham
16:00	10	Adjourn	Lawrence
<b>March 20, 2008</b>			
08:30	1	Reconvene Meeting	Lawrence
08:35	2	Great Lakes Regional Research Information Network	Reutter
10:00	3	Status Report IJC 2007-09 Work Group representatives	CGLRM representatives
	4	New business	
11:30	5	Schedule Next Teleconference/Meetings	Burrows
Noon	6	Adjourn	