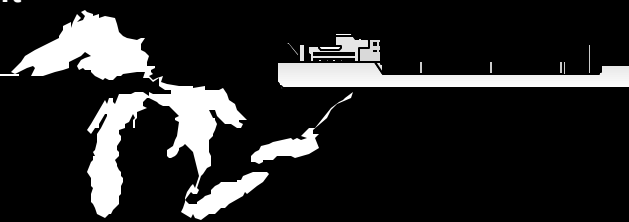


Symposium on Ballast Water Management and Aquatic Nuisance Species

Setting a Research Agenda for the Great Lakes



AGENDA

Thursday, April 29, 1999 C Split Rock Room C Duluth Entertainment Convention Center C Duluth, MN

*Sponsored by the Great Lakes Panel on Aquatic Nuisance Species
and Supported by the U.S. Environmental Protection Agency*

Note: *Symposium participants are strongly encouraged to attend the ballast water presentations being offered on Wednesday, April 28 as part of the International Zebra Mussel and Aquatic Nuisance Species Conference. These presentations will provide critical background information for the ballast water research symposium. For conference registration information, call 800-868-8776 or visit the conference website at www.zebraconf.org/.*

8:30 a.m. Welcome and Opening Remarks

Gary Isbell, Chair, Great Lakes Panel on Aquatic Nuisance Species
Marc Tuchman, U.S. Environmental Protection Agency, Great Lakes National Program Office

8:45 a.m. Current Initiatives in Ballast Water Research

This session will review current ballast water research efforts in the context of the Binational United States-Canadian Ballast Water Research Strategy, as adopted by the Great Lakes Panel on Aquatic Nuisance Species. Questions for consideration during open discussion of Great Lakes research priorities will also be posed.

The Binational United States-Canadian Ballast Water Research Strategy: A Framework for Setting Priorities

Michael J. Donahue, Executive Director, Great Lakes Commission

Perspectives on Current Initiatives and Unmet Needs in Ballast Water Research

Christopher J. Wiley, Department of Fisheries and Oceans, Canada

A Challenge to Symposium Participants: Establishing and Meeting our Research Priorities

Eric Reeves, U.S. Coast Guard (Ret.)

9:45 a.m. Break

10:00 a.m. Setting the Agenda: Ballast Water Research Priorities for the Great Lakes

Moderator: Michael J. Donahue, Executive Director, Great Lakes Commission

Through facilitated discussion, participants will reflect on the perspectives offered by the previous speakers and identify points of consensus on the following items:

C What specific priorities for Great Lakes-related ballast water research should be pursued in the context of the Binational United States-Canadian Ballast Water Research Strategy? (This may include new areas of investigation or increased emphasis on current research.)

C How can research, policymaking and funding be better coordinated to strengthen the collective management effort and hasten development and application of cost-effective and environmentally sound ballast water practices?

12:00 Noon Lunch

Individuals registered for the Zebra Mussel and Aquatic Nuisance Species Conference may attend the luncheon. Special arrangements for those attending only the symposium will be provided.

1:00 p.m. Assessing Ballast Water Research Needs: Perspectives from the Research Community

A panel of researchers, all familiar with current research initiatives, will identify gaps and unmet needs for ballast water research that can provide effective and practicable solutions for preventing introductions of nonindigenous aquatic nuisance species into the Great Lakes via ballast water.

Moderator: Gary Isbell, Chair, Great Lakes Panel on Aquatic Nuisance Species

Michael G. Parsons, Department of Naval Architecture and Marine Engineering, University of Michigan
Allegra Cangelosi, Northeast Midwest Institute

Questions, comments and open discussion

2:00 p.m. Assessing Ballast Water Research Needs: Perspectives from the User Community

A panel of research “users” drawn from government, industry and citizen sectors will identify gaps and unmet needs in ballast water research, and how research must be applied to advance aquatic nuisance species prevention and control efforts in the Great Lakes.

Moderator: Rick Harkins, Lake Carriers’ Association

Gary Isbell, Ohio Department of Natural Resources
Ivan Lantz, Shipping Federation of Canada
Edward Michael, Great Lakes United

Questions, comments and open discussion

3:00 p.m. Wrap Up and Closing Remarks

Summary statement on Great Lakes ballast water research needs and the next steps we need to take.
Michael J. Donahue, Executive Director, Great Lakes Commission

Closing Remarks

Marc Tuchman, U.S. Environmental Protection Agency, Great Lakes National Program Office
Gary Isbell, Chair, Great Lakes Panel on Aquatic Nuisance Species

3:30 p.m. Adjourn



*This symposium is made possible through a grant from the
U.S. Environmental Protection Agency, Great Lakes National Program Office.*