



FINAL AGENDA

Workshop on the State of the Upper Peninsula's Water Quality

Location: Memorial Union Building (MUB), Ballrooms A&B

Michigan Technological University, Houghton, MI

September 19-20, 2007

The purpose of this workshop is to bring people and organizations together working on Upper Peninsula (U.P.) of Michigan water quality issues, to discuss their current state, work on solutions, and establish new or enhance existing collaborations. A diverse audience is attending, and a representative group of speakers will help set the issues for the workshop group to discuss and move forward on.

Day 1: September 19, 2007

8:00 am – 9:00 am: Breakfast (provided)

9:00 am – 9:30 am: Welcome and Introduction

- Dr. Charles Ide (WMU), Dr. Robert Shuchman (MTRI), Dr. Dale Manty (EPA)

9:30 am – 10:00 am: The GLEAMS Center projects and their relevance to the U.P.

- Dr. Charles Ide: *The GLEAMS Center genomics and human health studies*
- Colin Brooks, MTRI: *The GLEAMS human health and water quality Dynamic Decision Support System GIS tools*

10:00 am – 11:15 am: U.P. water quality issues Part 1:

- Dr. W. Charles Kerfoot, Michigan Tech – *Lake Superior Restoration: Mining, Copper, and Mercury*
- John Fassbender, P.E., Foth Infrastructure and Environment, LLC – *Mine Drainage Water Treatment for the Kennecott Minerals Eagle Project*
- Marilyn Shy, USDA NRCS Marquette office – *Upper Peninsula Resource Conservation & Development Water Quality Projects: Past Efforts and Future Needs*

11:15 am – 12:00 pm: Round-table discussion on issues and solutions raised in Part 1

12:00 pm – 1:30 pm: Lunch (provided) with keynote presentation:

Keynote Presenter: Dave Dempsey, author of Great Lakes environmental books including “On the Brink: The Great Lakes in the 21st Century” and “Ruin and Recovery: Michigan’s Rise as a Conservation Leader” will discuss “*Climate Change Implications for the Great Lakes*”

1:30 - 2:15 pm: Water Quality Education & Outreach: Why? How? What's available? What's needed?

- Joan Chadde, Michigan Tech: *K-12 & Community W.Q. Education & Outreach in the U.P.*
- Kirk Riley, MSU – *Technical Outreach: Bridging the Expert/Citizen Divide*

2:15 – 3:15 pm: U.P. water quality issues Part 2:

- Dr. Alex Mayer, Michigan Tech – *Huron Creek Watershed Management Plan*
- Dr. Barbara Keller, Lake Superior State University – *Overview of Ongoing Studies of the St. Marys River Watershed*

3:15 – 4:30 pm: Round-table discussion on issues and solutions raised in Part 2

4:30 – 5:00 pm: Day 1 wrap-up and summary





Day 1: September 19, 2007 (continued)

5:30 – 7:00 pm: Reception for the public with Dave Dempsey: *Further Discussion on the Implications of Climate Change for the Great Lakes*. Location: A.E. Seaman Mineral Museum on the Michigan Tech campus (central campus, 5th floor of Electrical Resources Center).

7:00 pm: Dinner (on your own; The Library Restaurant and Brewpub, 906-487-5882, is recommended)

Day 2: September 20, 2007

8:00 – 9:00 am: Breakfast (provided)

9:00 – 9:30 am: Dr. Karl Gustavson, National Research Council: Presentation related to new NRC report, “*Sediment Dredging at Superfund Megsites: Assessing the Effectiveness*”

9:30 – 10:30 am: Discussion on prioritizing the U.P.’s water quality issues for this group

Potential topics to address:

- Which areas of science need more data for water quality issues to be addressed?
- What private and public actions are needed to move forward?
- What are the goals for the U.P. economy and how does improved water quality help attain these goals?

10:30 – 11:30 am: Discussion on new and existing collaboration opportunities as a result of the workshop

11:30 – 12:00 pm: Day 2 wrap-up and summary

Post-workshop: A summary report of this workshop will be created by GLEAMS, distributed to attendees, and also made available through the GLEAMS web portal at:

www.greatlakesdecisionsupport.org and
<http://apache.mtri.org/GLEAMS-Workshop/>

Please note that *registration is required* for this free workshop; please contact Michelle Wienert at mwienert@mtu.edu or 734-913-6870, or Colin Brooks at colin.brooks@mtu.edu or 734-913-6858 with the following registration information: Your name, affiliation, phone number, e-mail address, and mailing address.

This workshop is hosted by the Michigan Tech Research Institute (www.mtri.org), a research center of Michigan Technological University, as part of the Great Lakes Environmental and Molecular Sciences (GLEAMS) Center (www.greatlakesdecisionsupport.org), which is funded by the U.S. Environmental Protection Agency.

