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
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:
  • 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)
9:30 – 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 mwiernert@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.