

Please send water-related items to post in the CWS weekly email to Carol Asiala at [mtcws@mtu.edu](mailto:mtcws@mtu.edu). Please include conferences you attend, publications, seminars in your departments, links to water news items and announcements, and notifications of new funding.

1. Seminars
  2. Water News
  3. Funding Opportunities
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## 1. Seminars

September 17, 2007  
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Dr. Rudy J. Tekippe, Senior Vice President at MWH Engineers  
“Wastewater Treatment Clarifier Design and Research”  
DOW 642 9:00 am

“Consulting Environmental Engineering on a Global Basis and its Relationship to Wastewater Treatment Technology.”  
DOW 642 3:00 pm

October 29–31, 2007  
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### **Making a Great Lake Superior 2007**

On the waterfront in Duluth, MN  
Duluth Entertainment and Convention Center

Registration Dates:

\$150 Early - by Sept 14

\$180 Late - after Sept 17

**Registration:** <http://www.seagrant.umn.edu/superior2007/registration/>

**Conference Agenda:** <http://www.seagrant.umn.edu/superior2007/agenda/>

**Session Agenda:**

[http://www.d.umn.edu/~jschombe/superior07/concurrent\\_session\\_schedules-Web.htm](http://www.d.umn.edu/~jschombe/superior07/concurrent_session_schedules-Web.htm)

**Students:** We have opportunities for students to volunteer at the conference in exchange for waived registration fees.

Contact: Jesse Schomberg (218-726-6182 or [jschombe@d.umn.edu](mailto:jschombe@d.umn.edu))

**For transportation and room information from MTU**

Contact: Joan Schumaker Chadde (906-487-3341 or [jchadde@mtu.edu](mailto:jchadde@mtu.edu))

September 15 – October 25, 2007

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“Paradise Lost? Climate Change in the North Woods,”  
Omphale Gallery in Calumet, MI.  
<http://www.wisc.edu/cbe/K12/paradiselost.html>

September 19-20, 2007

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**[A Workshop on the State of the Upper Peninsula's Water Quality Issues](#)**  
Hosted at Michigan Technological University  
by the Great Lakes Environmental and Molecular Sciences (GLEAMS) Center.

Tuesday, October 2, 2007

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**[Great Lakes Regional Collaboration Meeting](#)**  
Chicago, IL

June 22 - 25, 2008

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**[Sustainability 2008: Green Practices for the Water Environment](#)**  
**Deadline for Abstract Submittal Deadline: November 12, 2007**  
Gaylord National on the Potomac  
National Harbor, Maryland USA

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## 2. Water News

### **[Torch Lake testing continues](#)**

Daily Mining Gazette, Wednesday, September 12, 2007

### **[Enzyme finding could help lead to better smelling wine and water](#)**

The Boston Globe, September 17, 2007

### **[China capital targets "fake" water before Olympics](#)**

Reuters via Yahoo! News - September 17, 2007

### **[Bottle cleans water in seconds](#)**

PhysOrg - Sep 16 10:41 AM

More articles at:

<http://www.uswaternews.com/homepage.html>

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### **3. Funding Opportunities**

To submit research proposals through the Center for Water and Society, add “CWS” to the DEPT/CENTER/INSTITUTE(S) column for identifying the PI’s and co-PI’s. The transmittal sheet must then be signed by the CWS Director, Alex Mayer, on page 3.

(If Alex Mayer is unavailable for signing transmittal sheets, John Sutherland can also sign for CWS)

#### **Water and Watersheds**

United States Department of Agriculture (USDA)  
Cooperative State Research, Education, and Extension Service (CSREES)  
National Research Initiative Competitive Grants Program (NRICGP)  
<http://fundingopps.cos.com/alerts/7950>

#### **Standard Research Grant**

Mazamas  
<http://fundingopps.cos.com/alerts/14419>

#### **Funding for Research Benefiting Decentralized Wastewater Treatment Systems**

- “Non-traditional Indicators of System Performance (RFP DEC2R06)”
- “When to Consider Distributed Systems in an Urban and Suburban Context (RFP DEC3R06)”

Water Environment Research Foundation (WERF)  
<http://www.informz.net/z/cjUucD9taT00OTE3ODUmcD0xJnU9MTY4NjIxODYwJmxpPTE4M DU3ODA/index.html>

#### **2008 Michigan Section of American Water Work Association (AWWA) fellowship program for Water Quality and Treatment Study**

Research and Technical Practices (RTP) Committee of the Michigan Section AWWA.  
See email attachment for more information and Contact  
Alex Yavich, Ph.D., P.E.  
(616) 975-0847 or [yavichal@ayceng.com](mailto:yavichal@ayceng.com)

#### **The Great Lakes Watershed Restoration Grant Program**

National Fish and Wildlife Foundation  
U.S. Environmental Protection Agency  
National Oceanic and Atmospheric Administration

U.S. Fish and Wildlife Service  
U.S.D.A. Forest Service  
Natural Resources Conservation Service  
<http://www.nfwf.org>

**ASME Clean Water Design Competition for Undergraduate Engineering Student Teams**  
ASME  
Boeing  
[http://www.asme.org/Events/Contests/DesignContest/Student\\_Design\\_Competition.cfm](http://www.asme.org/Events/Contests/DesignContest/Student_Design_Competition.cfm)

Center for Water and Society Web Site: <http://www.mtcws.mtu.edu>

**CWS News Supplement (9-19-2007):**

The Michigan Tech Center for Water and Society is sponsoring:

**Persistent Organic Pollutants (POPs) in the Great Lakes:  
Evolution of the Understanding of their Source and Transport**

**Public Lecture by Melvyn Visser, Chemical Engineer, MTU Class of 1959**

**Monday, September 24, 2007 at 3:00 p.m. in 642 Dow, Reception to follow**

Persistent organic pollutants (POPs,) the toxic chemicals such as PCBs and the pesticides banned in the 1970s and 1980s, are a much greater problem in Lake Superior than in the lower lakes. Most of Lake Superior's toxicity comes from toxaphene, a pesticide that was used heavily on cotton in the south and then saw general use when DDT was banned. Toxaphene is present in Lake Trout fillets at about two parts per million, *twice* that of PCBs, while its human toxicity is *five times* that of PCBs. How did that much toxaphene get into Lake Superior? PCB concentrations in fresh water lake sediments were studied and found to decrease from north to south with Lake Superior's sediment concentration matching the global trend. Toxaphene is of intermediate volatility and loves the colder Great Lake areas and the Arctic. Toxaphene is continuously sourced to the northern hemisphere through agricultural uses in the developing countries including China, Russia, India and Pakistan. The northern Great Lakes and the Arctic will not be toxaphene free until toxaphene is globally banned.