Michigan Tech Center for Water and Society Newsletter
Please send water-related items to post in the CWS weekly email to Carol Asiala at 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. Announcements
3. Study Abroad – Mexico or Canada
4. Graduate Certificate in Sustainable Water Resources Systems
5. Water News
6. Funding Opportunities
7. Job Opportunity

1. Seminars

Monday, August 1, 2011
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MS Defense: Danielle Haak, Biological Sciences
Nancy Auer, Advisor
**Impact of Copper Mine Tailings (Stamp Sand) on Survival and Early Development of Aquatic Organisms Near Gay, Michigan**
Admin 404 9:00am

Wednesday, August 3, 2011
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PhD Defense: Fredline Ilorme, Civil Engineering
Veronica Griffis, Advisor
**Development of a Physically-Based Method for Delineation of Hydrologically Homogeneous Regions and Flood Quantile Estimation in Ungauged Basins via the Index Flood Method**
DOW 875 9:00 am

Thursday, August 4, 2011
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MS Defense: Fletcher McKenzie, Civil Engineering
David Watkins & Brian Barkdoll, Advisors
**Study of Water Use and Supply in the District of Independencia, Peru**
DOW 875 1:00 pm

Monday, August 8, 2011
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MS Defense: Nawaf Blaisi, Environmental Engineering
Christopher Wojick, Advisor
**Life Cycle Assessment of Trayless Dining**
DOW 873 8:00 am
2. Announcements

July 18 - August 9, 2011
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Public Meetings - Great Lakes water levels
International Upper Great Lakes Study
- Tuesday, Aug. 9, University of Wisconsin-Superior

Great Lakes Water Levels Study Offers Public Comment Opportunities at July-August Meetings, July 15, 2011
Comment Period: July 18 – August 31, 2011

Tuesday, August 16, 2011
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Great Lakes Fishery Commission
Physical-biological coupling and fish recruitment in large lakes: State of knowledge and opportunities for progress
~8:00 AM to ~5 PM
Holiday Inn Detroit Metro Airport
Detroit, Michigan
More information about both physical-biological coupling and its importance to fish recruitment can be found at http://www.glfc.org/research/FRra.php

Contact Information: If interested in attending this meeting, or questions exist, contact Stuart Ludsin (ludsin.1@osu.edu) or Ralph Smith (rsmith@uwaterloo.ca). Space is limited; thus, please contact us at your earliest convenience.

October 9-12, 2011
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Great Lakes session at Geological Society of America Meeting
Session Title: T105. Geological and Biological History and Future of the Great Lakes
Minneapolis, MN
Full meeting information can be found here: http://www.geosociety.org/meetings/2011/
The electronic abstracts submission form can be found at:
http://gsa.confex.com/gsa/2011AM/cfp.epl

October 11-12, 2011
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Great Lakes Commission 2011 Annual Meeting
Save the Date
Detroit, Michigan
http://www.glc.org/meeting/

October 12-14, 2011
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7th Annual Great Lakes Restoration Conference!
Healing Our Waters-Great Lakes Coalition (HOW)
“Request for Presentations” deadline: May 1, 2011
Detroit, MI
http://healthylakes.org/2011-request-for-presentations/

October 12-14, 2011
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Great Lakes Water Quality Biennial Meeting “H2O NOW”
International Joint Commission (IJC) on
Wayne State University in Detroit
http://meeting.ijc.org/

October 13-14, 2011
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2011 Conference for the U.S. Great Lakes Areas of Concern Program
Celebrating Progress; Confronting Challenges; Moving Forward!
Westin Book Cadillac Hotel
Detroit, Michigan
http://www.glc.org/rap/aocconference11.html

February 29 to March 2, 2011
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The Michigan Stormwater Floodplain Association 25th Annual Conference
Dearborn, Michigan
http://mi.floods.org/conference.html
Call for Subjects and Presentations deadline: August 5, 2011

3. Study Abroad – Mexico or Canada

SustR: Sustainable Development for Rural Communities: Student Mobility

Students are currently being recruited to participate in the “SustR: Sustainable Development for Rural Communities: Social, Health, Economic, and Environmental Advances” project coordinated by PI Alex Mayer, and co-PIs Carol MacLennan and Blair Orr. This program will support undergraduate and graduate students willing to pursue a semester of their education at the following universities:

Universidad de Sonora (Mexico)
Universidad Autónoma de Aguascalientes (Mexico)
University of Northern British Columbia (Canada)
Lakehead University (Canada).

Please contact Alex Mayer (asmayer@mtu.edu) for more information, and encourage your students who may be interested in this opportunity to visit the project website at:
http://www.geo.mtu.edu/~asmayer/sustr.htm
4. Graduate Certificate in Sustainable Water Resources Systems
The degree schedule for the graduate certificate in Sustainable Water Systems Resources is available on the CWS and graduate school websites.
http://www.mtcws.mtu.edu/education_gradcert.html
http://www.mtu.edu/gradschool/administration/academics/forms-deadlines/certificates/

5. Water News

Aquatic Nuisance Species
U.S. Army Corps of Engineers released an Aquatic Nuisance Species White Paper
GLMRIS, July 27, 2011

Great lakes Fishery Commission Photo Database
Great lakes Fishery Commission (GLFC), July 27, 2011

Cleaning up the Great Lakes
The Voice, August 1, 2011

House of Representatives boosts Great Lakes cleanup money to 2011 levels; bill awaits final approval
The Cleveland Plain Dealer, July 28, 2011

Pakistan seeks tech fix for impending water crisis
SciDev.net, August 1, 2011

More articles at:
http://www.glin.net/news/
Great Lakes Information Network

http://news.search.yahoo.com/advanced/

6. Funding Opportunities
To submit research proposals through the Center for Water and Society, add “CWS/SFI” to the DEPT/CENTER/INSTITUTE(S) column on the transmittal sheet 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 to sign transmittal sheets, David Shonnard (CHEM), Mary Ellen Stevens (SFRES) and Carol Asiala (GMES) can also sign for CWS.

National Science Foundation (NSF)
http://fundingopps.cos.com/alerts/78553
Minerva Research Initiative (MRI) - W911NF-11-R-0011 *NEW*
United States Department of Defense (DOD)
Department of the Army
Army Research Office (ARO)
http://fundingopps.cos.com/alerts/131238

Land Cover/Land Use Change - NNH11ZDA001N-LCLUC
National Aeronautics and Space Administration (NASA)
Research Opportunities in Space and Earth Sciences (ROSES)
http://fundingopps.cos.com/alerts/106732

Opportunities for Promoting Understanding Through Synthesis (OPUS) - NSF 10-557
National Science Foundation (NSF)
Directorate for Biological Sciences (BIO)
Division of Environmental Biology (DEB)
http://fundingopps.cos.com/alerts/91925

United States Department of the Interior (DOI)
Bureau of Land Management (BLM)
http://fundingopps.cos.com/alerts/131027

Fundamental Research Program for Industry/University Cooperative Research Centers (FRP) - NSF 10-601
National Science Foundation (NSF)
Directorate for Engineering (ENG)
http://fundingopps.cos.com/alerts/115693

Pilot Projects to Validate the Results of T-PICS - SHRP2_C33 *NEW*
National Academies
Transportation Research Board (TRB)
http://fundingopps.cos.com/alerts/131189

Research on Research Integrity (R21) *NEW*
United States Department of Health and Human Services (HHS)
National Institutes of Health (NIH)
National Institute of Environmental Health Sciences (NIEHS)
http://fundingopps.cos.com/alerts/131209

Research in Undergraduate Institutions (RUI) - NSF 00-144
National Science Foundation (NSF)
http://fundingopps.cos.com/alerts/54676

Saskatchewan Agri-Value Initiative (SAVI)
Saskatchewan Ministry of Agriculture
Agriculture Development Fund (ADF)
http://fundingopps.cos.com/alerts/15279
Research Infrastructures Calls: FP7-INFRASTRUCTURES-2012-1 *NEW*
European Union (EU) - European Commission (EC) - Commission of the European Community (CEC)
Seventh Framework Programme (FP7)
Capacities Programme
http://fundingopps.cos.com/alerts/121183

7. Job Opportunities

Web Developer/Programmer
The Great Lakes Commission
Ann Arbor, MI
http://www.glin.net/pipermail/glin-announce/last30/002309.html

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