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. New Funding
2. Seminars
3. Great lakes Restoration Initiative
4. Announcements
5. Graduate Certificate in Sustainable Water Resources Systems
6. Water News
7. Funding Opportunities
8. Post-doc

1. New Funding

Joan Chadde (CEE and the Center for Water and Society) has received $20,000 from the University of Wisconsin-Superior (Great Lakes Maritime Research Institute) for "Great Lakes Maritime Education for K-12 Teachers."

2. Seminars

Friday, April 9, 2010
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Center for Water & Society Colloquium: Impacts of Climate Change on the Great Lakes Ecosystem
Topic: Impacts on benthic organisms
Dow 8th floor atrium 4:00 pm

Monday April 5, 2010
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Dr. Jennifer Becker, Department of Civil & Environmental Engineering
Microbial Fuel Cells: Recent Innovations and Applications
Environmental Engineering Seminar
Dow 6th Floor Atrium 3:00 pm

Friday April 16, 2010
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MS Defense: Laura Pavlot, Environmental Policy
Hugh Gorman, Advisor
Silver Spring as an Example of Smart Growth
Academic Offices 101 3:00 pm
Monday April 19, 2010
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MS Defense: Ryan Shaw, Environmental Engineering
James Mihelcic, Advisor
The Use of Human Urine as Crop Fertilizer in Mali, West Africa
DOW 873 9:00 am

Saturday, April 24, 2010
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Society of Wetland Scientists
Huron Creek River Cleanup
8:00 – noon
Contact Drew Ballantyne or Andrew Kozich for more details

3. Great Lakes Restoration Initiative

Main Website: Great Lakes Restoration Initiative

FY2010 Great Lakes Restoration Initiative Interagency Funding Guide
January 25, 2010

Summary of Proposals submitted to GLRI
EPA, February 13, 2010

Great Lakes Restoration Initiative EPA-R5-GL2010-1: Proposals received organized by Program Area
http://greatlakesrestoration.us/proposalsbypa.php

http://greatlakesrestoration.us/?p=445

4. Announcements

May 17-21, 2010
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53rd IAGLR Great Lakes Research Conference
Early-Bird registration deadline: Monday, April 12, 2010
Toronto, Ontario
www.iaglr.org/conference/
April 14-15, 2010
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**EPA Quality Management Training Modules**
Online training developed to foster awareness of EPA’s quality system and train staff on implementation of quality for EPA projects.

EPA Quality System Overview  
April 14, 2010 10:00 AM – noon (Central time/Chicago)  
[https://www1.gotomeeting.com/register/883142289](https://www1.gotomeeting.com/register/883142289)

Data Quality Act/Information Quality Guidelines  
April 14, 2010 1:00 – 3:00 PM (Central time/Chicago)  
[https://www1.gotomeeting.com/register/879651416](https://www1.gotomeeting.com/register/879651416)

Systematic Planning and Quality Documentation for Projects using Existing Data  
April 15, 2010 10:00 AM - noon (Central time/Chicago)  
[https://www1.gotomeeting.com/register/693967912](https://www1.gotomeeting.com/register/693967912)

Quality Assistance Training for Project Officers  
April 15, 2010 1:00 – 3:00 PM (Central time/Chicago)  
[https://www1.gotomeeting.com/register/380234161](https://www1.gotomeeting.com/register/380234161)

Nominations Accepted for the 2010 Lake Superior Binational Program's Environmental Stewardship Awards Program  
Deadline: April 16, 2010  

April 27-28, 2010
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**Meeting of the Great Lakes Panel on Aquatic Nuisance Species**
Maumee Bay State Park, OH  
[http://www.glc.org/ans/panel.html#glpmeet](http://www.glc.org/ans/panel.html#glpmeet)

April 28-29, 2010
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**Great Lakes Observing System (GLOS) Annual Meeting**
Toronto, ON  
June 16-18, 2010
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**Greening our Blue Border**  
2010 Annual Meeting & Conference  
Great Lakes & St. Lawrence Cities Initiative  
Milwaukee, Wisconsin  

August 8-13, 2010
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**Gordon Research Conference**  
**Water and Aqueous Solutions**  
* Water in Solutions  
* Water in Motion I & II  
* Water in Biology I & II  
* Water in the Environment I & II  
* Water in Confined Geometries  
* Water in Discussion (keynote lecture and poster winners presentations)  

5. **Graduate Certificate in Sustainable Water Resources Systems**  
The degree schedule for the graduate certificate in Sustainable Water Systems Resources has been approved, and is now available on the CWS and graduate school websites.  
[http://www.mtcws.mtu.edu/education_gradcert.html](http://www.mtcws.mtu.edu/education_gradcert.html)  
[http://www.mtu.edu/gradschool/administration/academics/forms-deadlines/certificates/](http://www.mtu.edu/gradschool/administration/academics/forms-deadlines/certificates/)

The CWS Colloquium courses UN5990 offered in Spring 2010 (*Impacts of Climate Change on the Great Lakes Ecosystem*) and Spring 2009 (*Climate Change and the Sustainability of Water Resources*) will satisfy the requirements of the 1-credit course, **UN5100 Water and Society Colloquium**.

6. **Water News**

Mars radar could help find water in Mideast: NASA  
Yahoo!News, April 1, 2010

EPA: New mining policy would protect water quality  
Yahoo!News, April 1, 2010

Mega-flood triggered cooling 13,000 years ago: scientists  
Yahoo!News, March 31, 2010
Another Cousteau Working to Save the Waters
The New York Times, April 2, 2010

Great Lakes Fishing Interests Urge Ecological Separation to Combat Asian Carp
Binational advisory committee to the Great Lakes Fishery Commission deeply frustrated over inaction
Great Lakes Fishery Commission, April 8, 2010

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

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

http://www.sahra.arizona.edu/newswatch/
(SAHRA – Sustainability of semi-Arid Hydrology and Riparian Areas)

http://news.search.yahoo.com/
(Advanced News Search
Keyword: “water” or “great lakes”
Published: “last week”
Categories: “Top Stories”, “Health”, and “Science”)

7. 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.

Research to Improve Risk Communication Strategies During and After the Decontamination/Clearance Phase of an Intentional Biological Release
The U.S. Environmental Protection Agency (EPA)

Science Transfer Program
Great Lakes Fishery Commission
http://www.glfc.org/research/STP%20RFP.pdf

Environmental Engineering
National Science Foundation (NSF)
Directorate for Engineering (ENG)
Division of Chemical, Bioengineering, Environmental, and Transport Systems (CBET)
http://fundingopps.cos.com/alerts/103128
Environmental Implications of Emerging Technologies - PD 10-1179
National Science Foundation (NSF)
Directorate for Engineering (ENG)
Division of Chemical, Bioengineering, Environmental, and Transport Systems (CBET)
http://fundingopps.cos.com/alerts/103130

Paul L. Busch Award
Water Environment Research Federation (WERF)
http://fundingopps.cos.com/alerts/71185

EGU Medals
European Geosciences Union (EGU)
http://fundingopps.cos.com/alerts/107917

Federal Energy and Water Management Awards
United States Department of Energy (DOE)
Office of Energy Efficiency and Renewable Energy (EERE)
http://fundingopps.cos.com/alerts/113297

Agnew National Security Postdoctoral Fellows
United States Department of Energy (DOE)
Los Alamos National Laboratory (LANL)
Postdoctoral Program
http://fundingopps.cos.com/alerts/93835

8. Post-doc

Post Doctoral Research Associate – 4-year Term
Great Lakes Fishery Commission-Hammond Bay Biological Station
Rogers City and Ann Arbor, Michigan
http://www.glfc.org/research/Post%20Doctoral%20Research%20Associate.pdf

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