

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. New Course – Special Topics in Natural Resources – Spring 2010
 3. Great lakes Restoration Initiative
 4. Announcements
 5. Water News
 6. Funding Opportunities
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1. Seminars

Friday, October 30, 2009

Robert Shuchman, codirector of MTRI

"Remote Sensing Based Water Quality Measurement Tools: Theory, Results and Current Research Thrusts"

Dow 642

2:00 p.m.

[View Abstract](#)

Friday, October 30, 2009

Assistant Professor Rose Cory, Environmental Sciences and Engineering

University of North Carolina at Chapel Hill, Gillings School of Global Public Health

"Fluorescent Dissolved Organic Matter Cycling Reveals Dynamic Catchment Interactions in Lake Superior"

Chem Sci 101

3:00 p.m.

[View Abstract](#)

Monday, November 9, 2009

Mark Rouleau, Social Sciences

Environmental Engineering Seminar Series

Dow 642 3:00 pm

Monday, November 16, 2009

William Cooper, Professor of Department of Civil and Environmental Engineering and

Director of Urban Water Resources Center

University of California, Irvine

Free Radical Chemistry of Chloropicrin: Linking Chemistry, Kinetic Modeling And Possible Health Effects

Environmental Engineering Seminar Series

Dow 642

3:00 pm

[View Abstract](#)

2. New Course – Special Topics in Natural Resources – Spring 2010

FW 5510 - Special Topics in Natural Resources

Soil Biogeochemistry

The course studies the relationship between soil composition and biogeochemical cycles of the elements. Responses of biogeochemical processes in agricultural, forest, and wetland soils to changes in landuse, biodiversity, nutrient supply, plant stressors, and climate change will be discussed. Specific topics include chemical and biological roles in the cycling of carbon, nitrogen, inorganic nutrients, and metals in soils and generation of climate-forcing gases by microbial transformations of carbon and nitrogen substrates.

Lecture: 3 credits

Prerequisite: CH 1150

Required Text: Paul, E.A., *Soil Microbiology, Ecology, and Biochemistry*, Academic Press, New York, 2007.

3. Great lakes Restoration Initiative

Main Website: [Great Lakes Restoration Initiative](#)

[FY2010 Great Lakes Restoration Initiative Interagency Funding Guide](#)

U.S. EPA, July 20, 2009

The *Great Lakes Multi-Year Restoration Action Plan Outline* which will be discussed at the Public Meetings on the Great Lakes Restoration Initiative starting next week is now available online at: <http://www.epa.gov/greatlakes/glri/glmyrapo.pdf>.

4. Announcements

Thursday, October 29, 2009

Great Lakes Regional Ocean Policy Task Force Public Meeting

Obama Administration Officials

Cleveland, OH

4:00-7:00 pm EDT

[Agenda](#)

Members of the public can access the meeting in one of three ways:

- 1) In person at the Cleveland Marriott Downtown at Key Center;
- 2) By phone (listen-only) (800-369-2133; participant code: 8314284);

3) Online via live webstream at <http://epa.gov/greatlakes/live>.

Note: Comments can also be submitted online at:

<http://www.whitehouse.gov/oceans>

Monday, November 9, 2009

A Green Midwest - A Blue Midwest

Second Annual Globalization and the Midwest Conference

Chicago, Illinois

For more information and to register for the conference go to:

http://www.thechicagocouncil.org/chicago_council_event_corporate_detail.php?eventid=2106

Sponsored by: The Brookings Institution Metropolitan Policy Program, the Chicago Council on Global Affairs- Global Midwest Initiative along with the Natural Resources Defense Council (NRDC) and the Shedd Aquarium

Tuesday, November 10, 2009

Blue Economy: Turning Michigan's Fresh Water into Renewed Prosperity

7:15 a.m.-9:30 a.m.

Fairlane Center-University of Michigan, Dearborn

Presented by The Engineering Society of Detroit Institute, WWJ Newsradio 950, the University of Michigan-Dearborn

Moderated by Matt Roush, WWJ Newsradio 950

<http://www.wwj.com/Blue-Economy---Turning-Michigan-s-Fresh-Water-Into/5510443>

5. Water News

Oil leaking 'five times faster' than thought

ABC News, October 22, 2009

Yemen will run out of water first, probably in ten years

Times Online, October 21, 2009

Freshwater species making comeback in Great Lakes region

Toledo Blade, October 26, 2009

Great Lakes restoration plan criticized

UPI.com, October 26, 2009

Great Lakes ship operators upset over proposed EPA air regulations, say rules will eliminate jobs

Pioneer Press, October 26, 2009

Amnesty: Israel withholds water from Palestinians

Yahoo!News, October 27, 2009

Investing \$88 million in Michigan's future

Daily Mining Gazette, October 29, 2009

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”)

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.

Bilateral Research Activities Programme (BRAP)

Royal Society of New Zealand (RSNZ)

International Science and Technology (ISAT) Linkages Fund

<http://fundingopps.cos.com/alerts/98603>

AINA Grants-in-Aid

Arctic Institute of North America (AINA)

<http://fundingopps.cos.com/alerts/13760>

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