

Michigan Tech Water Newsletter

Please send water-related items to post in the weekly email to Carol Asiala at glrcadmin-l@mtu.edu. We would especially like to include on-campus seminar announcements, off-campus conferences and webinars, and notifications of new funding and other member highlights.

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1. Recorded Events

Photos and videos from the 2017 World Water Day events are available online for review:

Dr. Tchobanoglous' World Water Day Keynote Lecture:

[**Planned Potable Reuse: The Last Frontier**](#)

Panel Discussion: [***Wastewater: Health, Energy, Ecosystems, and Sustainable Communities***](#)

Photos from the student poster competition, dirty water competition, and the wastewater footprint display can be viewed on Flickr [here](#).

For more information regarding World Water Day events, please see the [World Water Day 2017](#) blog post.

2. Highlights

James DeGraff (GMES/GLRC) is the principal investigator on a project that has received a \$27,500 research and development contract from the US Geological Survey. The project is ***"The Keweenaw Fault Geometry, Secondary Structures and Slip Kinematics Along the Bete Grise Bay Shoreline."*** This is a one-year project.

CUAHSI members will now receive discounted registration rates for CUAHSI events and workshops.

Michigan Tech is a CUAHSI member, so Michigan Tech faculty, staff and students are CUAHSI members, and are eligible for the member discount.

The member discounts will go into effect for the [2017 CUAHSI Conference on Hydroinformatics](#). Simply choose the CUAHSI member registration type when registering to receive the discounted rate. The member discounts for CUAHSI training workshops will go into effect starting in 2018.

3. On-Campus Seminars

Thursday, May 11, 2017

Green Film Series: *Inhabit* (2017)

The film [Inhabit](#) explores the many environmental issues facing us today and examines solutions that are being applied using the ecological design process called ‘Permaculture’. Permaculture is the development of agricultural ecosystems designed to be sustainable and self-sufficient and seeks to shift our agricultural impact from destructive to regenerative. Focused mostly on the Northeastern and Midwestern regions of the United States, *Inhabit* provides an intimate look at permaculture peoples and practices ranging from rural, suburban, and urban landscapes. (93 min.)

Facilitator: tbd

Forestry, Hesterberg Hall G002 7:00 - 8:30 pm

Cosponsored by Lake Superior Stewardship Initiative, Michigan Tech Great Lakes Research Center, Keweenaw Unitarian Universalist Fellowship, and Keweenaw Land Trust

July 22-27, 2017

Summer Keweenaw Geotours by Land and Boat

Bill Rose (GMES) and Erika Vye (GLRC)

Five different one-day geotours are offered, focusing on Keweenaw Geoheritage, and using the RV Agassiz:

- July 22: Glacial Geology
- July 24: Lavas and the great rift
- July 25: The Keweenaw Fault
- July 26: Redbed sediments filling the Rift
- July 27: Mining wastes and Lake Dynamics

For registration and more information, see this [link](#).

4. New Funding Opportunities

New proposals can be submitted through the Great Lakes Research Center. Director Guy Meadows' signature will be needed on the PI signature page of the transmittal sheet.

[NASA ROSES 2017](#) has been announced. The table of program elements with updated due dates will be kept current in the “**Open RFPs of ongoing interest**” section of this newsletter.

Water Resources Research National Competitive Grants Program

G17AS00027

Department of the Interior, Geological Survey

Deadline: June 1, 2017

Great Lakes Bay Watershed Education and Training Program (B-WET) FY18

NOAA-NOS-ONMS-2018-2005158

Department of Commerce, NOAA

Deadline: June 2, 2017

Coastal Watershed Restoration Grant Program for the Southeast New England Program (SNEP)

EPA-R1-SNEP-2017

Environmental Protection Agency

Deadline: June 12, 2017

BOEM FY 2017 Environmental Studies Program

M17AS00015

Department of the Interior, Bureau of Ocean Energy Management

Deadline: June 6, 2017

BOEM 2017 Environmental Studies Program

M17AS00017

Department of the Interior, Bureau of Ocean Energy Management

Deadline: June 17, 2017

BLM NV Groundwater Modeling in Nevada

L17AS00066

Department of the Interior, Bureau of Land Management

Deadline: June 20, 2017

Cooperative Ecosystem Studies Unit, Great Lakes Northern Forests CESU

G17AS00052

Department of the Interior, Geological Survey

Deadline: April 14, 2107

[Fox River Natural Resource Damage Assessment](#)

F17AS00186

Department of the Interior, Fish and Wildlife Service

From: **middleeastnorthafrica** <middleeastnorthafrica@iie.org>

Date: Wed, Apr 19, 2017 at 4:20 PM

Subject: Please share: Fulbright Postdoctoral Fellowships in 2018-19

To: "drshonna@mtu.edu" <drshonna@mtu.edu>

Dear Dr. Shonnard,

We are writing share information about postdoctoral fellowship opportunities with the Fulbright US Scholar Program. We hope that you will share this message with eligible colleagues and graduate students, or recommend someone via our [online referral system](#). We will follow up with all referred individuals, providing tailored guidance on the application process and directing them to the most appropriate awards. Highlights for the 2018-19 competition include:

[Postdoctoral Fellowship to Israel](#)

These unique and prestigious grants are open to researchers in all academic disciplines and support programs of work for up to 20 months (two academic years). Applicants may be hosted by any accredited institution of higher education or research center in Israel. To be eligible for a Fulbright fellowship beginning in 2018, candidates must have received their Ph.D. degrees no earlier than April 2015. Holders of tenure track positions are not eligible to apply. Individuals who have already begun postdoctoral research activities in Israel prior to the application date are also not eligible.

[Fulbright-EHESS Post-Doctoral Award \(Junior Research\) to France](#)

The Ecole des Hautes Etudes en Sciences Sociales (EHESS) is an esteemed university located in Paris, France. The first mission of the EHESS is to help young researchers acquire an international scientific background through the quality of its training, the international profiles of its professors and the quality and scope of its research. In addition to pursuing his or her own research, the grantee will participate in a seminar series conducted by the associated research center. French language proficiency sufficient to complete the research project is required, and applicants must obtain their Ph.D. by June 2018 to be eligible.

Applicants are welcome to join us on May 10 at 2PM EST for our annual [Fulbright Grants for Postdoctoral and Early Career Applicants](#) webinar. You can also explore hundreds of other grant opportunities in our [Catalog of Awards](#). Applications are due August 1, 2017.

For additional information, please contact middleeastnorthafrica@iie.org or EuropeEurasia@iie.org.

Best regards,

Fulbright U.S. Scholar Program

Institute of International Education

1400 K Street NW, Suite 700 • Washington, DC 20005

MiddleEastNorthAfrica@iie.org • EuropeEurasia@iie.org

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5. Request Contribution numbers for GLRC Publications

Please email Carol Asiala (glrcadmin-1@mtu.edu) when you are preparing publications. We are continuing to follow in the time-honored tradition of many Institutes by recognizing Contribution Numbers in papers that we publish in the peer-reviewed literature. You are welcome to participate. All you need to do is -

1. Contact Carol Asiala/Beth Hoy (glrcadmin-1@mtu.edu) to request a Contribution Number. Please provide as much citation info as possible - author(s), title, journal/book, etc.
2. Add to your acknowledgements section, "This is Contribution No. _ of the Great Lakes Research Center at Michigan Tech."
3. Get back to Carol when your paper is in print and give her the volume and page numbers.

Your participation is welcomed for this effort to enhance the visibility of the GLRC.

6. Reports and Action Plans

[Federal Science Partners Periodic Update](#)

April 29, 2017

[Great Lakes Connections](#)

International Joint Commission newsletter

April 2017

7. Conferences & Webinars

May 5 - May 30, 2017

[CUAHSI Cyberseminar Series on Hillslope Hydrology in Earth System Models!](#)

Friday, May 12, 2017 at 3:00 p.m. EDT

How do we carry this to the global scale? How many units do we need for each CLM grid in different parts of the world? What are the terrain features to pull out of hi-res DEMs and other global databases to derive parameters for hillslope models in CLM?

Nate Chaney, Princeton University

Jon Pelletier et al., University of Arizona

May 30, 2017 at 11:00 a.m. EDT

A Synthesis

Sean Swenson, NCAR and Dave Lawrence, NCAR on the latest in CLM

Ying Fan Reinfelder, Rutgers University and Martyn Clark, NCAR on synthesis paper outline and writing tasks

May 10-11, 2017

[Untrouble the Waters](#)

Freshwater Lab Summit 2017

University of Illinois at Chicago

Thursday, May 11, 2017

Dr. Bopaiah Biddanda, Ph.D., Grand Valley State University, Annis Water Resources Institute

“Finding and Tracking the “Goldilocks Zone” for Carbon Cycling in a Great Lakes Watershed”

Great Lakes Seminar Series

[Remote participation is available via webinar.](#)

1:00-2:00 pm EDT

May 15-19, 2017

International Association for Great Lakes Research (IAGLR)

IAGLR Theme for 2017: ***“From Cities to Farms: Shaping Great Lakes Ecosystems”***

Detroit, MI

Monday, May 15, 2017

Event Invitation - Fish Spawning Reef Planning Techniques

Register now for a professional development seminar on planning techniques for fish spawning reef projects. The seminar is being held in conjunction with the [IAGLR conference](#) in Detroit.

You do not need to register for IAGLR to participate.

This team-taught seminar will explore strategies for establishing fish spawning reefs to promote the recovery of native species. Specific topics will include site assessment and selection, hydrodynamics and sedimentation concerns, reef design and construction strategies, and monitoring of early life stages of fish. Participants will discuss how techniques used in the St. Clair and Detroit rivers could be applied in other locations.

The seminar is open to all types of restoration practitioners, including professional engineers, biologists, project managers, students, researchers and anyone hoping to champion, design or

monitor a constructed spawning reef in Great Lakes nearshore areas, connecting channels or larger rivers. Participants will receive a certificate showing they completed 7 hours of continuing education suitable for professional license renewals.

When: 9:00 a.m. - 4:30 p.m., Monday, May 15, 2017

Where: Cobo Center, 1 Washington Blvd, Detroit, Michigan

Costs: \$75 for professionals, \$30 for students (includes lunch)

Wednesday, May 17, 2017

The Current Webinar 28: *Seeing Your Story: Data Visualization and Mapping in Education and Outreach*

May 17, 2017, 2-3 p.m. CT (3-4 p.m. ET)

Presenter: Shane Bratt, University of New Hampshire Extension

North Central Region Water Network: Extension-led, community-driven outreach and education

[**Register here**](#)

Thursday, May 25, 2017

Topic: *Riparian Zone Restoration: Multifunctional Floodplain Reconnection*

Presenter: Laura Vanden Berg, U.S. Army Corps of Engineers

Interagency Ecological Restoration Quality Committee Webinar Series

To join: [WebEx Webinar Link](#); Phone 800-782-1258, access code 1025910

11:00 - 12:00 pm ET

May 31 - June 1, 2017

[**Emerging Contaminants in the Aquatic Environment Conference**](#)

The Illinois Sustainable Technology Center (ISTC) and Illinois-Indiana Sea Grant (IISG)

Champaign, IL

Abstract Deadline: Feb 6, 2017

May 31 - June 2, 2017

[**Great Lakes and St. Lawrence Green Infrastructure Conference**](#)

Detroit, MI

Bioenergy Institute for Educators, UW-Madison, June 26-30: Join us for an intensive 5-day program at the Great Lakes Bioenergy Research Center to learn about the latest developments in bioenergy research and high-quality, NGSS-aligned materials to use with students. Includes \$400 stipend, credit option. Accepting applications through May 1. Learn more:

<https://www.glbrc.org/education/educational-programs/bioenergy-institute-educators-bie>

Energy Institute for Educators, UW-Madison, July 19-21: Engage in the breadth of research and education resources at the UW-Madison Wisconsin Energy Institute related to the theme of Energy, Sustainability and Climate Change. Highlights include lab tours, discussions, hands-on experience with classroom materials, and support in implementing NGSS-aligned lessons with your students. Includes \$300 stipend, credit option. Applications accepted through May 15th. Learn more:

<http://energy.wisc.edu/education/energy-institute-educators>

June 2, 2017 - Abstract Deadline

[Michigan Aquatic Restoration Conference](#)

Conference Dates: October 25-27, 2017

Boyne Falls, MI

July 20-21, 2017

[2017 Naval Future Force Science and Technology \(S&T\) EXPO](#)

Walter E. Washington Convention Center in Washington, D.C.

July 25-27, 2017

[CUAHSI's 2017 Conference on Hydroinformatics](#)

Swimming in Data without Drowning in the Deluge

University of Alabama in Tuscaloosa, AL

Registration Deadline: July 10

8. Open RFPs of ongoing interest

[2017 National Fish Habitat Action Plan](#)

F17AS00016

Department of the Interior, Fish and Wildlife Service

Deadline: Applications are accepted on a rolling basis

[Conservation Innovation Grant](#)

USDA-NRCS-PR-CIG-17-01

Department of Agriculture, Natural Resources Conservation Service

Deadline: April 28, 2017

[BOEM FY 2017 Environmental Studies Program](#)

M17AS00012

Department of the Interior, Bureau of Ocean Energy Management

Deadline: April 28, 2017

[Cooperative Training Partnership in Aquatic Toxicology and Ecosystem Research](#)

EPA-G2017-ORD-E1

Environmental Protection Agency

Deadline: May 16, 2017

[Cooperative Program for Atmospheric Science Education](#)

NOAA-SEC-OED-2017-2005168

Department of Commerce, NOAA

Deadline: May 17, 2017

2018 Urban and Community Forestry Challenge Cost Share Grant Program

USDA-FS-UCF-01-2018

Department of Agriculture, Forest Service

Deadline: May 24, 2017 Due to Dept. Administration Hold on all grant RFP Announcements.

This RFP status is pending.

National Fish Passage Program

F17AS00030

Department of the Interior, Fish and Wildlife Service

Deadline: September 30, 2017

Coastal Program F17AS00014

Department of the Interior, Fish and Wildlife Service

Deadline: September 30, 2017

FY2016 to FY2017 NOAA Broad Agency Announcement (BAA)

NOAA-NFA-NFAPO-2016-2004791

Department of Commerce, NOAA

Deadline: September 30, 2017

Partners for Fish and Wildlife

F17AS00015

Department of the Interior, Fish and Wildlife Service

Deadline: September 30, 2017

MI DEQ Nonpoint Source RFP schedule (based on FY2017)

–plan next year’s program in advance

Watershed Plans must be submitted for Approval: Feb 2016

Draft RFP information Released: June 2016

Implementation RFP Released: July 2016

New Watershed Plans must be 319 Approved: 7/20/16

Notice of Intent Letters due: 8/17/16

Invitations for Full Proposals sent via e-mail: 8/31/16

Proposals due: 10/16/16

Projects Awarded: Early Summer 2017

NSF Announcements:

Program Nbr	Title	Proposal Deadline
16-509	<u>Long-Term Ecological Research (LTER) New Site Competition</u>	No date set for next year yet Pre-Proposal: Feb. 1, 2016 Full Proposal: Aug. 2, 2016
16-503	<u>National Science Foundation Research Traineeship Program (NRT)</u>	No date set for next year yet LOI: December 9, 2016 Prop: February 7, 2017
15-609	<u>Division of Environmental Biology (core programs) (DEB)</u>	Pre-Proposal: Jan. 23, 2017 Full Proposal: Aug 2, 2017
16-500	<u>Long Term Research in Environmental Biology (LTREB)</u>	Pre-Proposal: Jan. 23, 2017 Full Proposal: Aug 2, 2017

17-543	Antarctic Research	May 23, 2017
16-571	Partnerships for International Research and Education (PIRE) Limited Submission –Internal Deadline:	Pre-Proposal: Sept 14, 2016 Full Proposal: Apr 24, 2017 August 3, 2016
15-555	Faculty Early Career Development Program (CAREER)	July 19, 2017: BIO, CISE, EHR July 20, 2017: ENG July 21, 2017: GEO, MPS, SBE
14-559	Opportunities for Promoting Understanding through Synthesis (OPUS)	August 1, 2017
15-506	Science, Technology, and Society (STS)	August 3, 2017
15-577	Collections in Support of Biological Research (CSBR)	August 14, 2017
PD 98-1650	Biological Oceanography	August 15, 2017
PD 98-1610	Physical Oceanography	August 15, 2017
PD 98-1670	Chemical Oceanography	August 15, 2017
PD 98-1620	Marine Geology & Geophysics	August 15, 2017
PD 17-7643	Environmental Sustainability	October 20, 2017
PD 17-1417	Chemical and Biological Separations	October 20, 2017
PD-17-1440	Environmental Engineering	October 20, 2017
PD 09-6882	Environmental Chemical Sciences (ECS)	October 31, 2017
13-589	Oceanographic Facilities and Equipment Support Ship Operations Oceanographic Technical Services Oceanographic Instrumentation Shipboard Scientific Support Equipment Ship Acquisition and Upgrade & Other Facility Activities	November 15, 2017 November 15, 2017 December 15, 2017 December 15, 2017 Accepted Anytime
15-536	Research Experiences for Teachers (RET) in Engineering and Computer Science Limited Submission – Internal Deadline:	November 1, 2017 ? not posted yet for 2017
15-600	Integrated Earth Systems (IES)	November 14, 2017
14-601	Dynamics of Coupled Natural and Human Systems (CNH)	November 21, 2017
16-506	Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML)	December 8, 2017
15-568	Earth Sciences Postdoctoral Fellowships (EAR-PF)	January 9, 2018
15-504	Major Research Instrumentation Program (MRI) Limited Submission –Internal Deadline:	January 10, 2018 October 25, 2017
16-517	National Robotics Initiative (NRI)	January 11, 2018
PD 98-1680	Ocean Technology and Interdisciplinary Coordination	February 15, 2018
17-527	NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)	March 28, 2018
15-558	Hydrologic Sciences (HS)	Accepted Anytime
PD-06-5740	Climate and Large-Scale Dynamics	Accepted Anytime
15-560	Geomorphology and Land-use Dynamics (GLD)	Accepted Anytime
15-516	Earth Sciences: Instrumentation and Facilities (EAR/IF)	Accepted Anytime
16-595	Arctic Research Opportunities	Accepted Anytime

[NASA ROSES 2017](#)

APPENDIX	PROGRAM	NOI/Step 1	PROPOSAL
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		DUE DATE [2]	DUE DATE
A.1	Earth Science Research Program Overview	N/A	N/A
A.2	Land-Cover/Land-Use Change	4/3/2017 (NOI)	6/8/2017
A.8	Supporting UN Sustainable Development Goals 14 and 15 in the Context of Climate Variability and Change	TBD	TBD
A.9	ECOSTRESS Science Team	TBD	TBD
A.10	Physical Oceanography	5/30/2017	6/30/2017
A.11	Ocean Salinity Science Team	7/31/2017	8/31/2017
A.14	Ocean Vector Winds Science Team	9/29/2017	10/30/2017
A.16	Cryospheric Science	5/16/2017	6/16/2017
A.17	IceBridge Research	10/3/2017	11/3/2017
A.19	Solar Irradiance Science Team	8/4/2017	10/6/2017
A.20	Atmospheric Composition: Laboratory Research	N/A	5/26/2017
A.23	Fire Impacts on Regional to Global Scales: Emissions, Chemistry, Transport, and Models	N/A	6/16/2017
A.24	DSCOVR Science Team	TBD	TBD
A.25	Terrestrial Hydrology	5/24/2017	7/12/2017
A.29	Rapid Response and Novel Research in Earth Science	N/A	Rolling submissions through 3/29/2018
A.33	Science Team for the OCO Missions	N/A	9/14/2017
A.34	Earth System Science Pathfinder (ESSP) Venture-class Science Investigations: Earth Venture Suborbital-3	TBD	TBD
A.36	New (Early Career) Investigator Program in Earth Science	7/31/2017	8/31/2017
A.37	The Science of Terra, Aqua, Suomi NPP, and JPSS	TBD	TBD
A.39	Earth Science Applications: Health and Air Quality	TBD	TBD
A.40	Earth Science Applications: Disaster Risk Reduction and Resilience	TBD	TBD
A.42	Advancing Collaborative Connections for Earth System Science	TBD	TBD
A.45	Computational Modeling Algorithms and Cyberinfrastructure	5/25/2017	7/27/2017
E.2	Topical Workshops, Symposia, and Conferences	N/A	Rolling submissions through 03/29/2018

9. Graduate Certificate in Sustainable Water Resources Systems

Currently enrolled students can download the [Certificate Degree Schedule](#) to plan their coursework. When they have completed the required courses, or are enrolled in the last ones, the certificate degree schedule should be submitted to Nancy Byers Sprague (nspr@mtu.edu) in the Graduate School.

Request from CWS:

If you plan to complete the certificate, please email Carol Asiala (mtcws@mtu.edu)

- If you are not already on the **glrc-student-community-l** email list, you will be added and will receive announcements of water-related activities and the opportunity to apply for travel and research grants.
- We would like to keep a list of students working towards the certificate, and then we also have an idea of which students need to enroll in the UN5100, the Water and Society colloquium course.

Links to certificate degree schedule:

CWS Web page: http://www.mtcws.mtu.edu/education_gradcert.html

Grad School:

<http://www.mtu.edu/gradschool/administration/academics/forms-deadlines/pdfs/Certificate-s-ICSW.pdf>

10. Student Research Grants (August 11) and Travel Grants (May 26)

Research Awards: Graduate and undergraduate research awards are now due the first Friday in **December** and **March** of each year, and the 2nd Friday in **August**.

December 9, 2016 March 3, 2017 August 11, 2017

Each award can be up to \$750. Awards can also be used to support undergraduate research in formal class settings (e.g. Enterprise, Senior Design, Pavlis, senior thesis, capstone classes etc.). The research should support the Center's mission (<http://www.mtcws.mtu.edu/about.html#mission>).

Travel Awards: Graduate student travel grants (\$500) are also available through the Center for Water and Society to present a water related paper at a conference. Applications are reviewed on the **last Friday of each month**, and must be submitted at least **2 weeks in advance** of planned travel.

Applications for **Travel and Research** grants are online at:

<http://www.mtu.edu/greatlakes/about/documents/glrc-travel-grant-app.pdf>

Student advisors must be a faculty member of the GLRC (**CWS Faculty**) or the students must be supported on a GLRC-affiliated research grant.

Students will also be required to indicate how they would like to provide a return on the GLRC investment. Options include:

- a. presenting a poster at World Water Day in March;
 - b. assisting with preparations for World Water Day;
 - c. assisting with GLRC-sponsored outreach activities;
-

11. Colloquium Course – UN5100 – next offered: Spring 2018

Water & Society Colloquium Course

Spring 2017 Topic: *“Holistic Health Assessment for a Waterborne Contaminant from Multiple Perspectives”*

Course Number: UN5100, CRN 13023, 1 credit

Time/Location: Tuesdays 3:35-4:25 in **Dow 875 (Confirmed)**

Course Organizer: Noel Urban (nurban@mtu.edu)

http://www.mtcws.mtu.edu/education_colloquium.html

Each week, participants will read a journal paper or scientific report in preparation of discussion sessions on Tuesdays. Select films from the Green Film series (held Thursday evenings) will be used in lieu of the paper/Tuesday discussions. Students not registered for the course and faculty are encouraged to participate.

Discussion sessions will be led by a group of students and faculty. This group will prepare a few questions or comments the week preceding the discussion and send these to the class as a way to begin focusing the discussion. The group will begin the discussion session with a 10-minute summary of the major issues covered by the preceding week’s reading and repeat the discussion questions.

This course (or SS 5325) is required for the CWS Graduate Certificate in Sustainable Water Resources Systems.

12. Seminar Speaker Support Program

Great Lakes Research Center members can apply for assistance in bringing seminar speakers to Michigan Tech. Lecture topics should be of interest to the GLRC, and the visit should correspond with GLRC goals. The **Seminar Speaker Request** form should be emailed to Carol Asiala at mtcws@mtu.edu.

13. CUAHSI (Consortium of Universities for the Advancement of Hydrologic Science, Inc.)

Michigan Technological University is a member university of CUAHSI (<http://www.cuahsi.org>) through the support of the Center for Water & Society and the CEE and GMES departments. Explore their website for resources available to faculty and research.

CUAHSI Cyberseminar Schedule: <https://www.cuahsi.org/Cyberseminars>

CUAHSI members will now receive discounted registration rates for CUAHSI events and workshops.

Michigan Tech faculty, staff and students are CUAHSI members, and are eligible for the member discount. The member discounts will go into effect for the [2017 CUAHSI Conference on Hydroinformatics](#). Simply choose the CUAHSI member registration type when registering to receive the discounted rate. The member discounts for CUAHSI training workshops will go into effect starting in 2018.

14. Job Opportunities

[Extension Associate](#)

Great Lakes Coastal Processes and Hazards Specialist
New York Sea Grant
Cornell University - College of Agriculture and Life Sciences (CALS)
Review of applications will begin on June 12, 2017.

[Habitat Restoration Engineer/Scientist](#)

NOAA Great Lakes Environmental Research Lab in Ann Arbor, M
Posted April 11, 2017

[IAGLR Job Board](#)

Job Opportunities in the Great Lakes

[The Stewardship Network – Job Postings](#)

State of Minnesota

Hydrologist & Natural Resources positions
<https://statejobs.doer.state.mn.us/JobPosting>
Search on Job Grouping=Environmental Sciences
Or Department = Pollution Control Agency (includes summer jobs for students)

[The Ohio Environmental Council – Careers & Internships](#)

[Positions posted on CUAHSI web site](#)

(Careers/fellowships/post-docs/research assistantships/faculty positions)

15. Student Opportunities

[Superior Watershed Partnership summer positions](#)

posted April 3, 2017

[Michigan Sea Grant Fellowships](#)

University of Michigan + Michigan State University, NOAA

Deadline: May 26, 2017

Graduate fellowships with Michigan Sea Grant or a partner organization

- [Michigan Sea Grant Graduate Student Fellowship](#): May 26, 2017

May 15-19, 2017

International Association for Great Lakes Research (IAGLR)

IAGLR Theme for 2017: *“From Cities to Farms: Shaping Great Lakes Ecosystems”*

Detroit, MI

Graduate Research & Training Scholarship Program (GRTSP)

NOAA

Applications accepted twice per year

Sea Change - climate change on Lake Superior through sailing experience

- month-long voyage - May 5 - June 4, 2017
- seeking crew, ages 18-25
- includes data collection, research, citizen engagement
- also view web page: <http://www.amicusadventuresailing.com/sea-change.html>

Research Associateship Programs

The National Academies

4 application deadlines throughout the year

Participating agencies include: NOAA and EPA