

# Upcoming Workshop and Training Opportunities In and Near the Metro Community for Spring and Summer 2016

## **Minnesota Bee Atlas**

**Where:** River Bend Nature Center, 1000 Rustad Road, Faribault, MN

**When:** Saturday, April 16<sup>th</sup> from 10AM-4PM

BEE a part of the MN Bee Atlas – the last time a survey of Minnesota bees was completed was in 1919 when only 67 species were listed. Scientists suspect there may be closer to 400 species, but they need the help of citizen scientists to find them all. This workshop will give you the skills to participate in the Minnesota Bee Atlas, including basic bee ID and tips for photographing bees.

The training costs \$20 and includes lunch and all workshop materials. Register online at <http://www.minnesotamasternaturalist.org/courses/register/?courseId=572>.

There are additional locations with weekday training sessions this spring. Check the Minnesota Master Naturalist Courses page to find out more!



## **Project Wet Training**

**Where:** Cascade Meadow Wetlands & Environmental Science Center, 2900 19th Street NW, Rochester, MN

**When:** Thursday, April 21<sup>st</sup> from 9AM-4:30PM and/or Friday, April 22<sup>nd</sup> from 9AM-2PM

**Day 1:** Participants will learn how to use the Project WET lessons and activities and you will receive a curriculum guide and lots of other resources.

**Day 2:** On day two, you will learn to use the new Classroom Version of the Watershed Game, an interactive, educational tool that helps students understand the relationship between land uses within a watershed, water quality, and their community.

This training ranges from \$35-\$120 depending on if you attend both days and if you would like materials. Register online at <http://z.umn.edu/wetwsg>.



## **Urban Waters Forum: Taking Action to Protect our Lakes and Streams**

**Where:** Minnesota Landscape Arboretum, 3675 Arboretum Dr, Chaska, MN

**When:** Saturday, April 23<sup>rd</sup> from 8:30AM-12:30PM

Learn from local experts as they share their knowledge and success stories. They will give you concrete actions you can take on the water, on your property and in your community to protect the health of your local lakes and streams. You will leave inspired to take a more active role in the health of your community's water assets.

This forum costs \$15 for Arboretum Members or \$20 for non-members and includes a light breakfast and admission to the Arboretum. To register visit <http://www.arboretum.umn.edu/2016UrbanWaters.aspx> or call 612-301-1210.



Minnesota Landscape  
**ARBORETUM**

## **Bird Banding Day (FREE)**

**Where:** Maplewood Nature Center, 2659 7<sup>th</sup> St E., Maplewood, MN

**When:** Saturday, April 30<sup>th</sup> from 9:30AM-12PM

Cardinals, warblers and chickadees, oh my! Watch licensed bird banders capture, band and release wild birds to learn about age, populations and migration patterns.

This is a free drop-in program for adults and families. If you are interested in bringing a larger group, call 651-249-2170 to register by April 29<sup>th</sup>.



## **Digital Bridge to Nature Workshop (FREE)**

**Where:** Whitewater State Park, 19041 Highway 74, Altura, MN

**When:** Saturday, April 30<sup>th</sup> from 9AM-12PM

Learn how to incorporate outdoor photography experiences into your classroom or after school program! After attending this workshop teachers will have free access to digital cameras and field guides for your students, have new ways to tie digital photography experiences to state education standards and know how to use student digital photos with WEB 2.0 applications.



This workshop is free and you earn 3 CEUs. Register by sending your contact information (name, email, phone number) to Sara Holger at [sara.holger@state.mn.us](mailto:sara.holger@state.mn.us).

## **Gathering Partners of Natural Resources Conference: Nurturing a Healthy Big Woods, Big Rivers Biome**

**Where:** Saint Mary's University of Minnesota, Winona, MN

**When:** Friday-Sunday, May 20<sup>th</sup>-22<sup>nd</sup>

Gathering Partners is a collaboration between University of Minnesota Extension Forestry and the Minnesota Master Naturalist program. This year our annual 3-day event will be held in Winona and will offer educational opportunities and networking to over 300 people from across Minnesota.



Lodging is not provided but dorm lodging is available at Saint Mary's University for a small fee.

This conference ranges from \$25-\$150 depending on the days and activities that you would like to attend. For more information, and to register, visit <http://www.minnesotamasternaturalist.org/annualconference/>.

## **Dragonfly Bioblitz (FREE)**

**Where:** Warner Nature Center, 15375 Norell Ave N, Marine on St Croix, MN

**When:** Saturday, June 4<sup>th</sup> from 10AM-2PM (Instructional overview from 10-11AM)

Warner Nature Center is home to dozens of species of dragonflies of all sizes and colors. During this bioblitz you will learn where and when to best look for dragonflies, how to catch and handle them and basic identification, along with how to encourage these beneficial insects to visit your backyard. This program is ongoing, so you can participate in the field collection until 2PM or leave earlier.



This family-friendly program is free! To register call 651-433-2427, ext. 10.

## **WaterFest 2016 (FREE)**

**Where:** Lake Phalen Park, 1600 Phalen Dr, St. Paul, MN

**When:** Saturday, June 4<sup>th</sup> from 11AM-4PM (rain or shine)

This family-friendly festival celebrating our clean lakes offers an opportunity for fun, outdoor and hands-on learning about clean water, wildlife, and land and water conservation. Start the day with a Voyageur canoe, paddleboat, canoe, kayak or solar pontoon boat ride, learn to fish or participate in a fishing contest.



This festival is free and there is no registration required. For more information about this event visit <http://www.rwmwd.org>.

## **Summer Institute for Climate Change Education**

**Where:** Macalester College, St. Paul, MN

**When:** Tuesday-Friday, June 21<sup>st</sup>-24<sup>th</sup>



Summer Institute for Climate Change Education 2016 will focus on resources and training to integrate the Next Generation Science Standards into your classroom, which for the first time include climate change. Resources will include our newest middle school curriculum, Next Generation Climate. This curriculum is aligned with Minnesota state science, social studies, and language arts standards. Hear from experts in climate science, engage with hands on activities that help bring climate change concepts into the classroom, and network with other educators. This year's institute will be most valuable for middle school and high school teachers.

This workshop costs \$150, earns you 26 clock hours and 2 graduate credits are available (fee). To register visit: <https://climategen.formstack.com/forms/2016summerinstituteforclimatechangeeducation>.

## **2016 Rivers Institute featuring Waters to the Sea (FREE)**

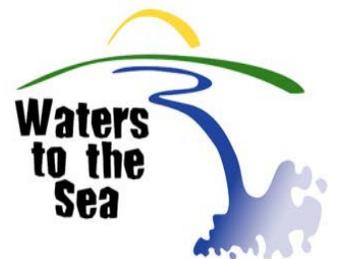
**Where:** St. Croix River Institute (Interstate State Park & William O'Brien State Park)

**When:** Monday-Wednesday, June 27<sup>th</sup>-29<sup>th</sup>

OR

**Where:** Mississippi River Institute (Crosby Farm Regional Park & Fort Snelling State Park)

**When:** Monday-Wednesday, July 25<sup>th</sup>-27<sup>th</sup>



The Rivers Institutes are designed to increase teachers' science content knowledge and investigation skills, and help area educators translate their professional experiences into meaningful, engaging classroom investigations. Participants will create and utilize science notebooks, explore the watershed from the vantage point of the water while in a paddle boat, learn specific social science and natural science content relevant to the river and investigate existing resources and programs to enrich their learning.

There is no cost for this institute and it includes daily lunches, The Waters to the Sea® multimedia tool, 21 CEUs, and the option to purchase two graduate credits. The focus for the institutes is on elementary and middle school classroom teachers, as well as teams of teachers. All educators are welcome to apply for these free institutes (\$50 fully-refundable deposit is required). For more information and to apply online, please visit [www.hamline.edu/cgee/riversinstitute](http://www.hamline.edu/cgee/riversinstitute).

## **Prairies and Potholes Minnesota Master Naturalist Volunteer Training Course**

Where: Oxbow Park in Byron, MN and Chester Woods Park in Eyota, MN

When: Monday-Friday, July 11<sup>th</sup>-July 22<sup>nd</sup> from 12:30PM-5PM

If you enjoy hiking, bird watching, following tracks, or identifying wildflowers, you'll love being a Minnesota Master Naturalist Volunteer! The training course consists of 40 hours of training, which combines both classroom and field time, and a capstone project. This course will focus on the special geology of SE MN, breeding birds, aquatic systems, butterflies and other insects, human impacts and prairie management and restoration in addition to the basic curriculum. The first week will be based at Oxbow Park and the second week will be at Chester Woods Park.



Following the completion of the training course, MN Master Naturalist Volunteers are expected to complete 40 hours of volunteer service per year to be considered an active Master Naturalist.

This training costs \$275 and includes manuals and supplies. Housing is not provided, but camping is available at each park. For more information and to register, please visit

<http://www.minnesotamasternaturalist.org/courses/register/?courseId=580>.

## **Biotechnology/Microbiology for Teachers in the Classroom**

Where: Hamline University Campus, St. Paul, MN

When: July 18<sup>th</sup>-22<sup>nd</sup>, 25<sup>th</sup>-29<sup>th</sup> with two follow-ups on Saturday during the school year

The BioTIC Institute brings middle and high school biology teachers up-to-speed on the rapid advancements in biotech research, careers, applications, and issues while providing inquiry modeling/practice and curriculum enrichment that support standards related to cell structure, disease, genetics, and biotechnology. The institute provides an intensive, graduate-level, teacher-focused experience in microbiology, genetics and biotechnology.



Teachers receive a \$200 stipend for the summer and a \$30 stipend for each follow up session. Additionally teachers choose between CEUs or 4 FREE graduate credits with completion of assignments. Housing is provided for those outside the Metro area and lunch is provided on a daily basis.

For more information and to apply visit <http://www.hamline.edu/education/cgee/biotic/>.

## **2016 Minnesota Association for Environmental Education Conference**

**Where:** St. John's University, Collegeville, MN

**When:** Friday-Saturday, August 5<sup>th</sup>-6<sup>th</sup>

The Minnesota Association for Environmental Education (MAEE) is proud to announce the 2016 MAEE Annual Conference, Grow in the Open, at St. John's University in Collegeville, MN. Through concurrent sessions, field trips, and a keynote presentation, the conference will nurture the growth of environmental educators in Minnesota.

Keep an eye on their Facebook event for updates, registration information, and the call for presenters: <https://www.facebook.com/events/898810073569417/>. Registration will open May 1, 2016.



### **Flying Wild Workshop**

**Where:** National Eagle Center, 50 Pembroke Ave, Wabasha, MN

**When:** Saturday, August 6<sup>th</sup> from 10AM-1PM

Flying WILD focuses on migratory birds and is designed to encourage middle school students to get involved in activities that promote environmental learning and stewardship.

This workshop costs \$30 and includes light refreshments, admission to the National Eagle Center, the Flying WILD curriculum, CEUs and eagle-related lesson plans developed by the National Eagle Center. Register online at <http://www.nationaleaglecenter.org/portfolio/flying-wild-workshop/>.

Contact Jennifer Drayna if you have questions at 651-565-4989 ext. 120 or [jennifer@nationaleaglecenter.org](mailto:jennifer@nationaleaglecenter.org).



### **WaterWorks! Institute**

**Where:** Eden Prairie Water Treatment Plant, 14100 Technology Dr, Eden Prairie, MN

**When:** Monday-Wednesday, August 8<sup>th</sup> -10<sup>th</sup> from 8:30AM-3:30PM, with one follow-up on Saturday during the school year

Investigate drinking water quality, chemistry, community resources, and inquiry-based activities for your classroom. This hands-on workshop allows **upper elementary and middle school science teachers** to enrich their water-related standards and come away with new teaching ideas and information from expert presenters on the engineering, chemistry, geology, people, and politics of how drinking water is delivered to your home and school.

There is no cost to this workshop and teachers choose between two graduate credits or a stipend. Housing is not provided but meals and a resource binder are provided.

For more information and to apply please visit <http://www.hamline.edu/education/cgee/waterworks.html>.



## **Dive Into your Watershed Training (FREE)**

**Where:** Whitewater State Park, 19041 Highway 74, Altura, MN

**When:** Wednesday, August 10<sup>th</sup> from 9AM-3:30PM

Teachers for grades 7-12 will learn how to incorporate watershed education into the classroom using hands-on exploration of our local SE Minnesota watersheds. Highlights include outdoor field sessions and hands-on practice to explore watershed teaching activities, practical ways to connect watershed education to academic standards, and learning about local citizen science opportunities related to watershed conservation in SE Minnesota.



This workshop is free and you earn 6 CEUs. To register contact Sara Holger at [sara.holger@state.mn.us](mailto:sara.holger@state.mn.us)

**These trainings were compiled by staff at the Minnesota Valley National Wildlife Refuge. If you have questions or knowledge of additional relevant trainings, please contact Alaina Vouaux at [alaina\\_vouaux@fws.gov](mailto:alaina_vouaux@fws.gov) or (952) 858-0715.**



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