

Whole Earth: Educating a global community



**Michigan Earth Science Teachers Association
&
Michigan Alliance for Environmental and Outdoor Education**

**Collaborative Conference
October 4-6, 2013
Belle Isle**



Michigan Alliance for Environmental & Outdoor Education and the Michigan Earth Science Teachers Association

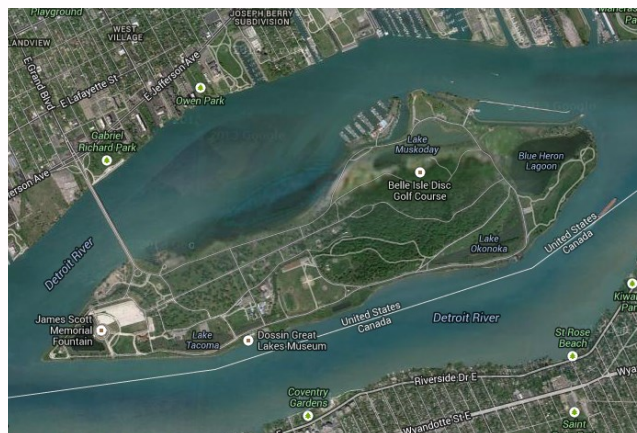
Fall Collaborative Conference ~ October 4-6, 2013 Theme: *Whole Earth: Educating a global community*

Program

A wide variety of half- and full-day educator workshops and field trips will be held Friday, October 4. Choose from over 50 concurrent sessions (indoors and outdoors) on Saturday, October 5. Delve into a variety of monitoring programs that your students can participate in, from history and geology to global change, birds, lakes, stream monitoring, and much more. Saturday will also feature the 6th annual Share-A-Thon with ready-to-go outdoor and classroom activities. Round out the conference with the Family Fun Day on Belle Isle!

Location

Belle Isle is the jewel of Detroit. Located in the Detroit River overlooking Windsor, Ontario. This unique location will be sure to impress our members. See inside historic Belle Isle landmarks and take advantage of all the island has to offer.



Driving directions:

Follow I-96 E towards Detroit. Take the exit for I-75 N/Flint/Michigan 10. Follow signs for Michigan 10 S. Continue onto I 375/E. Jefferson Ave and follow Jefferson Ave. Follow E. Grand Blvd. onto Belle Isle. Veer to the right at the first split. Turn right on Casino Way and park in the big lot. Check-in will be at the Casino. To get back off the island, turn right off of Casino Way and then immediately turn left on Picnic Way. Turn left onto the main road and follow it off the island.

For More Information:

Mike Reed, Conference Co-Chair, mreed@dzs.org

Dave Chapman, Conference Co-Chair, chapmand@comcast.net

Mandy Stewart, Conference Program Chair, stewart@tamarackcamps.org

MAEOE Admin and Registrar, Kelley Sunman, info@maeoe.com



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Registration: In the Casino Building foyer

Sessions: Will be held in the Casino, the Flynn Skating Pavilion, Shadybrook Pavilion 2, Newsboy Pavilion 1 and the Red Pavilion.

Be sure to note that many roads on the island are **one-way**.



2013 MAEOE/MESTA Conference Planning Committee

Dave Chapman, Conference Co-Chair

Mike Reed, Conference Co-Chair

Mandy Stewart, Conference Programs Chair

Katie Woodhams, Hospitality

Kevin Chandler, Hospitality

Anne Jeanette LaSavage, Silent Auction

Joan Chadde—Share-a-thon

Mike Mansour—Sponsors, Vendors, Exhibitors

Tracy Ortiz—Stipends & Scholarships

Tracy Page, Program Design

Natalie Elkins, Michigan Dept. of Natural Resources

Jody Harrington, E.L. Johnson Nature Center

Chris DeWolf, Chippewa High School

Chuck Schepke, Roscommon Middle School

Shawn McNamara, Grosse Pointe South High School

Dave Thomas, Washtenaw C.C. & Lawrence Tech

ABOUT MAEOE

The Michigan Alliance for Environmental and Outdoor Education (MAEOE) serves as the statewide network for professionals in preK-12 schools, nature centers, museums, government agencies and through other venues, who are educating Michigan students and citizens towards environmental literacy, stewardship, and outdoor education.

The Michigan Alliance for Environmental and Outdoor Education was established in 1988 through the merger of two existing professional organizations: Michigan Environmental Education Association begun in 1968, and Michigan Outdoor Education Association which began about 1955. MAEOE work is guided by a Board of Directors comprised of ten formal and non-formal educators.

Each year, MAEOE conducts an annual statewide conference for 200+ educators. The conference serves as an exciting opportunity to become informed of what is current in environmental and outdoor education in Michigan and beyond. The three-day event is also an excellent opportunity to network with other professionals in the field of environmental and outdoor education.



About MESTA

MESTA encourages the advancement, stimulation, extension, improvement, and coordination of Earth Science education at all educational levels through the voluntary and donated efforts of MESTA members.

MESTA leadership is comprised of an Executive Committee, plus Board members appointed by virtue of their volunteer role within MESTA, as well as appointed Board-Members-At-Large.



Belle Isle

Of all the people who have ever lived on earth, it is safe to say that less than 0.00001% have ever spent the night on Belle Isle. The weekend of October 4-6, 2013, join the Michigan Alliance for Environmental and Outdoor Education and the Michigan Earth Science Teachers Association for the MAEOE/MESTA conference - **"Whole Earth: Educating a Global Community."** Spend time learning, sharing, and having fun and conversation with like-minded educators on America's largest urban island park.

Belle Isle Park, the jewel of Detroit, comes to mind when people talk about Urban Environmental Education. You will have the opportunity to explore the park and have the chance to:

- Marvel at the old world charm of the Belle Isle Casino the main venue of the conference.
- Experience how young people are making continuous improvements to the island, allowing closer views and sounds of our feathered, furry, and amphibian friends without intruding upon their animal activities. In fact, Belle Isle is located on one of the nation's most heralded "bird migratory pathways". Each week brings a new neighbor whose flight pattern includes a stop at the island.
- Join us Sunday, October 6th at noon for a community bike/car tour of the entire island - all 983 acres. So bring a lunch, as we will tell you why there is no other lighthouse like ours in the entire world. Then join us as we pass several habitat restoration projects that are the models for other in the country and did I mention stop at historic facilities that talk about the flora and fauna of our great state.

Belle Isle Park is one of America's most beautiful parks, located right off a thriving urban downtown area and across the river from a foreign country.



Beautiful views



The beautiful Belle Isle Casino



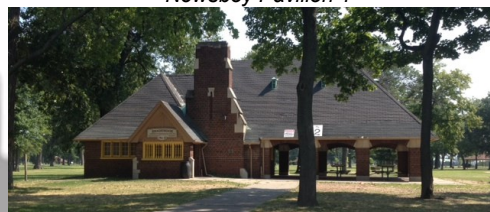
The Flynn Skating Pavilion



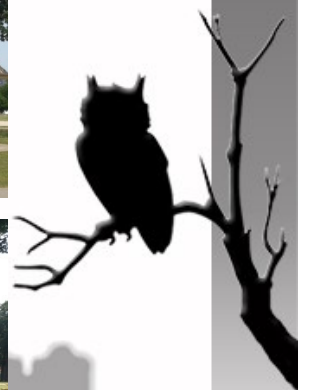
Newsboy Pavilion 1



Red Pavilion



Shadynook Pavilion 2



What to bring

- Items for the silent auction—swag, teaching tools, books, artifacts, etc.
- Bag chairs—for night time hospitality events
- Dress for the weather, many sessions have outdoor components.
- Water bottle
- Travel coffee mug
- Favorite night time beverages, small cooler
- Spending money—for rock shop raffle, auction, etc.
- Bike—if you want to cruise the island or zip between sessions.

Need assistance while on Belle Isle?

For questions, comments or concerns while on the island, please call (313) 628-2081 and your call will be directed to the appropriate division.

After hours (5pm-8am) for emergencies, call (313) 628-2061 (Island Police)

Thursday Night Mixer

Please Join us as we start the conference off with a pre-conference social on **Thursday October 3rd from 6pm to 10 pm** at the Michigan State Detroit campus, just minutes from Belle Isle. There will be lots of music and resources offered under the stars!

The new MSU Detroit Center is a symbol of the university's ongoing and expanding commitment to Southeast Michigan.



Located at **3408 Woodward Avenue** in the heart of mid-town Detroit, the 22,000-square-foot facility is a hub for an array of programs, activities, and opportunities for the neighborhood, community, and region.

The MSU Detroit Center is home to:

College of Education, College of Music's Community Music School and the Offices of Governmental Affairs, Admissions, Advancement, and the Office of Outreach & Engagement

Come and join in on the fun!

Detroit Food Trucks— Lunches to be excited for!

A fun and interesting way to have lunch—Detroit style! Take your pick of the food trucks, and use your voucher to purchase lunch. Enjoy your truck-side gourmet meal on the Casino veranda, in one of the adorable pavilions, as a picnic along the river, or watching the ducks and geese in the skating pond.



The choices are endless. And we are sure that you will remember your Detroit Food Truck experience!





MAEOE and MESTA Collaborative Conference

Whole Earth: Educating a global community

CONFERENCE SCHEDULE ~ Friday-Sunday, October 4-6, 2013

Thursday, October 3rd

6:00p – 8:00p	Early registration
6:00p – 9:30p	Light refreshments & mixer at Michigan State University, Detroit Campus

Friday, October 4th

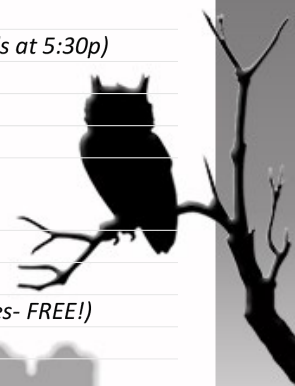
7:30a – 8:30a	Breakfast at Belle Isle Casino (<i>pre-registered attendees ONLY</i>)
8:00a	Registration opens
9:00a – 12:00p	3 hour educator workshops / AM portion of full day workshop
9:00a – 4:00p	Friday Field Trips window (<i>varied times</i>)
12:00p – 12:45p	Lunch at Belle Isle Casino
1:00p – 4:00p	3 hour educator workshops / PM portion of full day workshop
4:30p – 6:00p	Mixer and social on Belle Isle
6:30p	Dinner begins at Belle Isle Casino
7:00p	MESTA annual awards
7:30p – 8:00p	MESTA-arranged speaker on Great Lakes Climate Change
8:00p – 9:00p	Unopposed exhibit hall hours (<i>Rock Shop, Free & Inexpensive, Silent Auction, Exhibitors</i>)
9:15p – 11:00p	Evening activities; brewing demonstration; fire, drinks & snacks at Flynn Pavilion – BYOB!

Saturday, October 5th

7:30a – 10:30a	Registration open
7:30a – 8:30a	Breakfast at Belle Isle Casino
8:45a – 9:40a	55 minute session window (<i>MESTA Rock Shop open!</i>)
9:55a – 10:50p	55 minute session window (<i>MESTA Rock Shop open!</i>)
11:05a – 12:00p	55 minute session window (<i>Special Session: EE/OE career building panel</i>)
12:15p – 1:15p	Lunch at Belle Isle Casino, MESTA business meeting
12:45p – 1:15p	Digital Share-a-thon: future opportunities, grants, and featured partners!
1:15p – 2:00p	Share-a-thon!
2:15p – 3:10p	55 minute session window / first half of 120 minute sessions
3:25p – 4:20p	55 minute session window / second half of 120 minute sessions
4:30p – 5:15p	MESTA Rock Raffle
4:30p – 6:00p	Silent Auction, Networking & MAEOE board member elections (<i>voting ends at 5:30p</i>)
6:30p	Dinner begins at Belle Isle Casino
7:00p – 8:30p	MAEOE annual awards & keynote speaker: Margaret Holtschlag
9:00p – 11:00p	Fire, music, social time – BYOB!

Sunday, October 6th

7:30p – 8:30p	Breakfast at Belle Isle Casino
7:00am - 12:00pm	Sunday Field Trips window (<i>varied start times</i>)
12:00pm - ?	Belle Isle Sunday Family Funday (<i>participation open to families of attendees- FREE!</i>)
	SEE YOU NEXT YEAR!



Keynote Conference Speakers

Friday Night—Paul Gross, Detroit TV Meteorologist

Weather and climate will be the focus of much of the Friday dinner program at this year's conference. Well known Detroit t.v. meteorologist Paul Gross will speak as well as sign copies of his book "Extreme Michigan Weather". Paul was born in Detroit and studied meteorology at the University of Michigan. He recently celebrated his thirtieth anniversary with WDIV-TV Detroit. This six time Emmy winner has received eleven overall nominations. Helped to get the Gross Weather Bill (requiring for the first time tornado drills in public schools) signed into law in the 1990s. Michigan and Great Lakes climate will be addressed by State Climatologist and Michigan State University Professor Jeff Andresen. The dinner will also be the time the Michigan Earth Science Teachers Association will recognize their annual award winners. Following the dinner there will be the first opportunity to purchase materials at the Rock Shop and MESTA's famous Free & Inexpensive Shop.



Margaret Holtschlag, Director of the BIG Lesson Programs



Margaret Holtschlag has been an educator for over 30 years, dedicating her career to making a positive impact on students, teachers, and the community. Her creative teaching style in elementary grades led her to create the BIG Lesson programs, week-long "study trips" including professional development model for immersion learning; study trips for students, parents, and teachers; and partnerships between schools and community resources. BIG Lesson programs are: BIG History Lesson (Lansing), BIG Zoo Lesson (Lansing and Battle Creek), Annie's BIG Nature Lesson (Lansing, Ann Arbor, Marshall, Kalamazoo), and BIG Science Lesson (Lansing). Margaret's out-of-the-box thinking earned her the title of Michigan Teacher of the Year 2000 and finalist for National Teacher of the Year 2000. She continues to be an inspiration to both formal and non-formal educators with her unbridled enthusiasm and dedication to initiatives such as the GRAND Learning Network, The No Child Left Inside Coalition and her work with LATTICE (Linking All Types of Teachers to International Cross-cultural Education.) The banquet will also include a wonderful meal and the MAEOE Awards.

Friday and Saturday Night Banquets



Enjoy two wonderful banquets in the picturesque Belle Isle Casino. Dine in style while enjoying a fine dinner from a famed local chef. The buffet style meal will include many delicious items. We hope you come, eat, and be merry while watching your colleagues win well deserved awards, learning from experts in their field that will inspire you, and chatting with those at your table in the relaxing environment. Enjoy!





Share-a-thon

On Saturday, October 5, “make & take” activities, mini-lessons, and demonstrations” will be shared at the 6th annual Share-a-thon scheduled from 1:15 to 2 pm. The Share-a-thon will feature guided activity stations that will demonstrate innovative ideas and teaching practices in environmental and outdoor education. Presenters will provide handouts for participants.



Silent Auction

A silent auction will take place all day Friday and Saturday with final bids accepted by 6:30 pm Saturday. Winners of the Silent Auction will be posted and items need to be picked up by the close of the conference. Donations of environmental education and green-living items are encouraged when you arrive. Please bring any items you wish to donate, along with your checkbook or cash to bid on the wide variety of wonderful items that will be available. To donate an item, contact: Anne Jeanette LaSovage, alasovage@ymail.com

Exhibits & Vendors

Exhibits & Vendors will be located in the casino for frequent viewing by participants. Contact former MAEOE President and Board Member, Mike Mansour mmansour01@comcast.net if you would like to be an exhibitor or vendor.

Rock Shop and Raffle & the Free and Inexpensive Shop

The famous MESTA Rock Shop, Raffle and Free and Inexpensive Shop will grace the lower floor of the Casino. Be sure to bring your spending money and get in on the frenzy! For those that go to MSTA, or MESTA conferences, you know the drill.

For those that don't....don't miss your chance to get great samples, lessons, and teaching tools for your classroom from the experts!



Live Music

Enjoy music by singer, songwriter, guitarist, Joe Reilly from Ann Arbor. Reilly has used his songwriting skills as a method for teaching ecology and natural science. His CD includes 23 original songs with environmental themes that teach stewardship of the Huron River, the importance of planting and caring for trees and animals (including mosquitoes), and of the interconnection between all living creatures.

Learn more about Joe's music online at:

www.joereilly.org/music.html



Conference Schedule (Tentative)

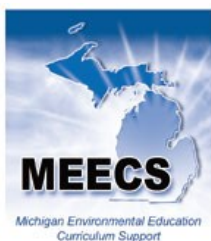
Friday Workshops

Spend part of your first day at the conference learning how to use one or more of the following curricula! We're taking the inspiration of being in an island setting and offering no less than THREE workshops based on water education. These, plus the new MEECS Climate Change unit, will broaden your students' awareness of our resources and the impact that choices involving their use can have on us all.

9am - 4pm (FULL DAY) Project Wet Educator Workshop

Presenter: Kathleen Dougherty, Oakland County Parks & Rec Cost: \$35

Project Wet is an internationally recognized curriculum that supports water education for teachers and other educators. Participants will receive the new Project WET curriculum and Activity Guide, Generation 2.0. In addition, they will sample various activities in the PW guide, learn how to access the educational portal and have great fun. Expect that you will be able to fully implement and use Project Wet to enhance and engage your students water education after this workshop.



9am - 12pm Michigan Environmental Education Curriculum Support (MEECS): Climate Change

Presenter: Teresa Tucker, MEECS Cost: \$50

The goal of the Climate Change Unit is to bring issues associated with climate change and Great Lakes sustainability to Instructors and students. MEECS units try to provide students with the understanding they need to make decisions, not tell them which decisions. Thick notebook of resources provided.

1pm - 4pm Earth Partnership for Schools: Rain Garden Curriculum

Presenter: Lisa Appel, Cranbrook Institute of Science Cost: \$15

During this workshop participants will learn how to use the Earth Partnership for Schools Rain Garden Curricular Sampler in a group setting. These activities developed by the University of Wisconsin-Madison Arboretum can be used to design and build a rain garden with students on school grounds or community setting. Each participant will receive a printed book of the activities.



1pm - 4pm *NEW* Aquatic WILD Educator Certification Workshop

Presenter: Tracy Page, DeVries Nature Conservancy Cost: FREE with MAEOE partnership!

Dive into the new Aquatic WILD Guide! Each hands-on, engaging Aquatic WILD Activity (easily integrated into current lesson plans) contains all the information needed to conduct that activity including objectives, method, background information, a list of materials needed, procedures, evaluation suggestions, recommended grade levels, subject areas, duration, group size, setting, and key terms





Conference Schedule (Tentative)

Friday Fieldtips

Appealing to all types of educators from both MAEOE and MESTA, our Friday Field Trips are a fun way to network with other professionals, visit someplace new, and add resources to your educational toolbox! Pertinent details for each field trip (including transportation details) will be sent to each participant after registration. Check out our featured Field Trips below!

9am - 12pm Pine Tree Acres Landfill: Environmental Systems Management & Renewable Energy

Leader: Kathleen Klein, Waste Management Cost: \$5

Pine Tree Acres Landfill is an environmental “system” for managing the waste we all generate. The facility provides a discussion of the engineered systems in place designed to limit environmental impact. It encompasses a full sustainability discussion around the management of waste, including impact on the watershed, stormwater management, wetland mitigation, wildlife habitat and other land use issues involved in the management of waste. Pine Tree Acres is also a renewable energy producer and a community educational resource. Learn the science of landfill design and engineering!

9am - 12pm Marathon Petroleum Refinery Tour

Leader: MESTA Cost: \$5

Find out how crude petroleum is refined into gasoline, motor oil, compounds for making plastics, and other products our society is currently dependent on. Participants will tour the complex by van, then meet in the refinery’s science labs to learn more about their operation. This facility is refining Canadian oil sands and therefore uses a new process different than most other refineries. Free examples of sulfur removed from the petroleum during processing may be given to everyone in the tour.

1pm - 4pm Devonian Fossil Collecting

Leader: Dave Thomas, Washtenaw Community College Cost: FREE!

For this trip you will car-pool to an abandoned limestone quarry, now under Michigan DNR supervision. The plentiful mid-Devonian age fossils (~380 mya) are in limestone scattered all over the surface. Fossil identification handouts and on-site assistance will be provided. Participants only need to bring zip lock bags, tissue paper to protect fossils, slips of paper to record fossil names, and a rock hammer **ONLY** if you already have one. Old jeans are appropriate and hiking boots are recommended, though tennis shoes would be acceptable.

10am - 4pm Lake St. Clair Delta Boat Trip and Workshop

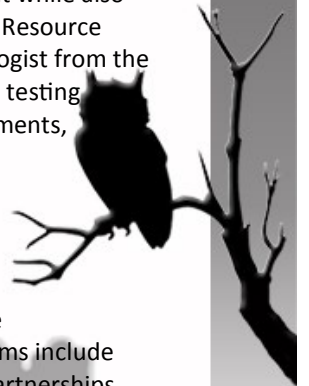
Leader: Dave Chapman, MESTA Cost: \$15 with a sponsorship from Seagrant

Learn about the geological processes that form what may be the world’s largest freshwater delta, as well as the ecology of the lake and wetlands dependent on it. You will experience the Lake and Delta by boat while also receiving lessons to relate the experiences to basic concepts taught in your classroom or center. Resource specialists from the DNR, the Huron Clinton Metroparks, the Army Corp of Engineers, and a geologist from the environmental consulting company LimnoTech will lead parts of the day. Activities include water testing and sediment sampling. Attendees will take home sediment, basic rock types related to the sediments, and printed resources!

1pm—4pm U of M Dearborn, Environmental Interpretive Center

Leader: Jessica Fabisiak, U of M Dearborn EIC

The EIC is a University of Michigan-Dearborn facility that promotes environmental sustainability through community education and scientific research. The Center is the gateway to the 300-acre Environmental Study Area available to university students, school groups, and the public. Programs include Invasive Species, Land, Life and People: Making Connections, Maple Syrup Science, Pollination Partnerships, Pond Explorations, Seasonal Nature Explorations, Soil Science and Stewardship, and Trip of a Drip.



Saturday Session Title Sampler

Subject to change

Session #1 (8:45am – 9:40am)

- ~ Integrating Engineering into Environmental Education using the Engineering is Elementary
- ~ When Henry David Thoreau Came to Michigan ~ Getting Inner-City Students Outdoors
- ~ Effective Teaching & Learning: Making the Global Connection through Linking Forestry Research & Education
- ~ Science in Flight: Birds to Physics and Beyond ~ MESTA Rock Shop & Free and Inexpensive Shop OPEN
- ~ Where Did All The Water Go? Looking for Answers with Mars MAVEN Mission

Session #2 (9:55am – 10:50am)

- ~ Global Issues ~ Designing an Environmental Literature Unit for English Classes ~ Frog Island
- ~ Hands-on Curriculum for a Crowded Planet ~ Lions and Wolves and Carp...Oh My!
- ~ Habitat Restoration in Urban School Communities
- ~ MESTA Rock Shop & Free and Inexpensive Shop OPEN
- ~ Michigan's Regulatory Response to High Volume Hydraulic Fracturing



Session #3 (11:05am – 12:00pm)



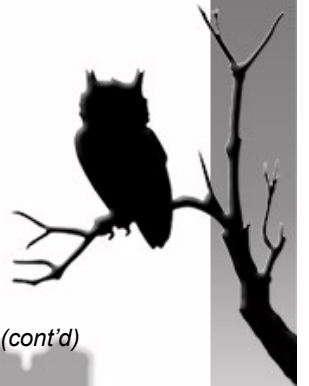
- ~ Werewolves, Aware of Wolves, and Where Are The Wolves?
- ~ Workshop-Teach the Next Generation Science Standards Outdoors with Models
- ~ Nature Investigations-The intersection of Art & Science ~ The Detroit Salt Mine
- ~ Tree ID: Exploring the Belle Isle Forest
- ~ Bringing Environmental Education to the Special Education Classroom
- ~ What Would Galileo Do? Teaching Solar System Concepts
- ~ Interpreting Geological Cross-Sections For More Accurate Geologic Time
- ~ SPECIAL SESSION: Career Building in Environmental & Outdoor Education

Session #4 (2:15pm – 3:10pm) *Includes 120 minute sessions*

- ~ A Walk Through Time: Michigan Geology in 460 Steps ~ Groundwater Fundamentals: Know It and Show it
- ~ Geology Credit By-Exam Program ~ Tips and Tricks on "Taking A Nature Walk" – 120 mins
- ~ Arctic Bears & Sustainability: A Personal Journey Through a Teacher's Eyes – 120 mins
- ~ Holistic Education in Grades 4-8 – 120 mins
- ~ Future Problem Solving: Kids Actively Involved in Earth's Future – 120 mins
- ~ Workshop-Monarch Butterflies: Citizen Science for Young Learners – 120 mins

Session #5 (3:25pm – 4:20pm) *Second half of 120 minute sessions*

- ~ Urban Geology ~ Importance of Mining in Michigan History and Economy
- ~ MIQuakes - Earthquakes in the Classroom: Loose Sediments to Hard Core
- ~ Arctic Bears & Sustainability: A Personal Journey Through a Teacher's Eyes (cont'd)
- ~ Tips and Tricks on "Taking A Nature Walk" (cont'd) ~ Holistic Education in Grades 4-8 (cont'd)
- ~ Future Problem Solving: Kids Actively Involved in Earth's Future (cont'd)
- ~ Workshop-Monarch Butterflies: Citizen Science for Young Learners – (cont'd)



Conference Schedule (Tentative)

Sunday Field Trips & Belle Isle Fun

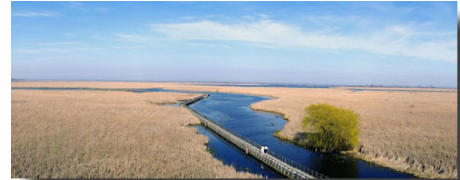
It may be Sunday but the conference isn't over, yet. Local sites on both side of the border offer recreation and experiences for conferencegoers - and their families, too!

7am - 12pm Autumn Bird Migration at Point Pelee National Park, Ontario, Canada

Leaders: Joan Chadde, Michigan Technological University & Mike Mansour, Hawk Woods Nature Center

Cost: FREE

Every autumn, Point Pelee National Park and vicinity is visited by enormous numbers of migrant birds. Unlike spring, when most species are brilliantly colored and singing vigorously, the autumn migrants are generally dull plumaged and, except for call notes, usually silent. The fall migration is a less hurried affair than the frenzied northbound movement of birds in the spring. Golden eagle, peregrine falcon, red-necked phalarope, long-billed dowitcher, northern saw-whet owl, jaegers and baird's, stilt and buff-breasted sandpipers (all rare in the spring) are commonly seen during autumn. In addition, the Monarch butterfly migration is best from late August until early October and generally peaks in September. Over 360 bird species have been recorded in the park. Transportation for 10 participants will be in a Michigan Tech van to Point Pelee National Park in Leamington, ON, just 42 miles from Detroit (an hour's drive). Additional participants will carpool.



9am - 12pm Belle Isle Habitat Restoration Tour

Leader: Mike Reed, Belle Isle Nature Zoo Cost: FREE!

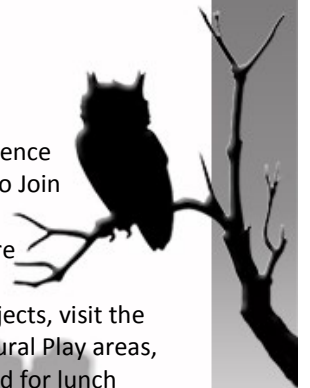
The Detroit River Area of Concern Beneficial Use impairments include loss of fish habitat. The Belle Isle communities of partners have conducted several projects to address this and other issues. Several projects were created to recreate coastal wetland immediately downstream from a spawning reef and create deep and shallow water habitats. Invasive plants were threatening to alter Belle Isle's native plant communities. Lets us take a tour of these projects and see how the community with the help of local schools and a host of community partners came together to increase the value of these areas for local flora and fauna and at the same time help turn them into hands on living science laboratories for local students and the community at large. Come see the "natural" world of Belle Isle through the projects designed to support it.



12pm - ? Belle Isle Family Fun Day!

Leader: Mike Reed, Belle Isle Nature Zoo Cost: FREE!

Join Belle Isle leadership team Terri Conner, Mike Reed, Tracey Lawrence and Keith Flournoy as they invite 100 families from the community to Join MAEOE and MESTA members and their families for a bike/car tour around the various Belle Isle facilities and amenities. Come see where you can Kayak, the new birding trails, ride the Giant slide, see where Lake St. Clair meets the Detroit River, Urban Forest Stewardship projects, visit the Nature Zoo and the Dossin Great Lakes Museum, Conservatory, Natural Play areas, the Giant Fountain, the Green Houses and so much more. Stay tuned for lunch options and bicycle rental information.





MESTA/MAEOE Collaborative Conference

Registration Details

You've been waiting all year for this, right? Well here it is, your formal invitation to register for this fall's conference!!!

First, the most up-to-date conference information, programs, maps and registration information will be online. The following information should be read thoroughly and used as a reference when you go to finalize your registration through Survey Monkey at MAEOE.com or via your MAEOE ListServ email announcement.

MAEOE membership renewal is \$20 for a student/retiree, \$35 for an individual, \$70 for an Organization (up to 3 people) and \$300 for the best deal---a LIFETIME Membership which never expires. Becoming a member means you will receive a substantial discount on conference registration fees, the thrice annual MAEOEgram newsletter, and access to a resource filled listserv. Visit the Membership Benefits link online to learn more.

Conference Registration:

<u>MEMBER Registration Fees</u>	<u>NON-Member Registration Fees</u>
Full Conference Oct. 4-6, 2013 - \$85	Full Conference Oct. 4-6, 2013 - \$160
Student/Retiree Full Conference - \$40	
Friday, Oct. 4 Only - \$35	Friday, Oct. 4 Only - \$60
Saturday, Oct. 5 Only - \$35	Saturday, Oct. 5 Only - \$60
Sunday, Oct. 6 Only - \$35	Sunday, Oct. 6 Only - \$60
Friday and Saturday Only - \$65	Friday and Saturday Only - \$95
Saturday and Sunday Only - \$65	Saturday and Sunday Only - \$95

New this year-SCECHs are pending for sessions, offered by the Wayne RESA. Interested conference participants will be able to sign-up onsite if available.

Lunch is included in the Friday and Saturday registration fees, lunch Sunday and all Breakfasts (\$10) and Dinners (\$25) are an additional fee. This is how members have asked it to be handled, so they may pick and choose what to spend on their conference registration, and we listen to our membership. We are proud to have local food service providers, and Detroit Food Trucks catering our group!

There are several lodging choices available including onsite camping for \$10 a night on Belle Isle adjacent to the Casino -- with showers and restrooms open at the Boat Club. This is a once-in-a lifetime experience to camp on an urban island! Pictures are in the following pages.


The second choice is to book a room at the Roberts Riverwalk Hotel or the Crown Plaza Ponchartraine hotel. Both are approx. \$160/night, and you will be asked if you'd like to be placed with a roommate on your registration to share the cost. These hotels are within 2 miles of the bridge to the island---visit TripAdvisor.com for more information or to find out more booking information.

Saturday sessions are open to all participants unless otherwise noted. Friday & Sunday's field trips and workshops require pre-registration. Details and pricing are listed in the following pages. There is something to pique

Presenters please register by Sept. 15th. General registration ends Oct. 1.

So in short, go online to www.maeoe.com and click on [The Conference tab](#) and find the [2013 Conference link](#)...you're in!

If you have any questions email us at info@maeoe.com

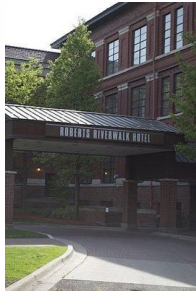




Lodging Options

Option 1: Rustic camping on Belle Isle—\$10/night

Camp near the Casino next to a pond and park. You must provide all camping gear. Bathrooms at the Casino, showers at the Detroit Yacht Club.



Option 2. Roberts Riverwalk Hotel 1000 Riverplace Walk Detroit (313) 259-9500

Limited rooms at \$89 per night. Ask for the MAEOE/MESTA Conference rate. Regular double occupancy around \$160 a night. Be sure to check the box on your registration form if you would like to be added to the list of people that would like a roommate.



Option 3. Crown Plaza Ponchartraine Hotel or other area hotels— Most around \$160 per night

A note from our Hospitality Committee:

This year's MAEOE/MESTA conference is truly a unique experience. From the venue to the fantastic array of workshops, to the social events that will be taking place throughout the weekend, you won't want to miss this one! The conference is jam packed with opportunities to learn exciting new information about environmental education, reconnect with colleagues, and forge new friendships. We know that all of this can be overwhelming, which is why the Hospitality Committee has some fun ways to "decompress" planned throughout the weekend!

The Flynn Pavilion, located adjacent to the casino, will be the headquarters for the excitement both Friday and Saturday evening following the banquets at 9:00pm. On Friday night, learn all about beer with Bill Hodges! Home brewing and craft brewing have very strong ecological ties--both strive to use local ingredients, and many modern day breweries have worked towards minimizing their carbon footprint. Some even give their spent rains to farmers for feed to further reduce their environmental impact! Bill will walk through the process of making a "historic" beer while also discussing the ingredients and of course, offering tastes of different types of beer as well as the finished product!

Are you a self-proclaimed "Nature Nerd" or "Science Geek?" Do you enjoy a little friendly competition? Whether you answered yes to these questions or not, you should still partake in our Nature Team Trivia Challenge" on Friday evening! Great prizes will be awarded to the winning teams and we'll guarantee that it will be a blast!

On Saturday evening, starting at 9:00pm, our great friend Joe Reilly will be performing his signature playful, clever, engaging, joyful, and educational songs around the bonfire. As a singer, songwriter, and educator, Joe writes songs from his heart that always have something meaningful to say. The core of his message is an invitation to heal our relationships with our selves, with each other, and with the earth.

Also on Saturday night, get your creative juices flowing by participating in our "Nature Craft Bar." Learn how to use natural materials, such as acorn caps, pressed flowers, leaves, twigs, and even rocks (yes, rocks!) to create unique and beautiful pieces of art to take home. Bring your own adult beverages to the pavilion or let our bartender serve you from the cash bar. Snacks, tea, coffee, and hot cocoa will be complimentary. Whether you partake in these activities or just come to hang out around the bonfire overlooking the river, we're confident that it will be the perfect finish for your busy day.

