Friday Schedule

7AM -- EXHIBITOR BREAKFAST
8AM -- WELCOME
9AM -- SESSION 1
9:45AM -- EXHIBITS
10:30AM -- KEY NOTE ADDRESS & BOOK SIGNING
12PM -- LUNCH & WAEE MEMBER MEETING
1PM -- SESSION 2
2:30PM -- SESSION 3
3:30PM -- EXHIBITS
6PM -- EVENING GALA & AUCTION

Friday Session 1
9-9:45am

Yellow Iris on the St. Croix River
Brian Olson with Dana Lucius, Joe Ryder, Maggie Johnson
NorthStar Community Charter School

At the Water’s Edge – Recreation, hands-on EE and recreation
Students from NorthStar Community Charter School in Minong have been working with students from UW River Falls to inform the public about the spread of Yellow Iris in the St. Croix/Namekagon River system. They will tell you about their efforts to spread the word about this invasive specie.

Room: CM 007

Energy Education Outside – How One Nature Center Connected It’s Outdoor Programming to Classroom Learning with Educational Technology
Jenny Christopher with Annie Baker & Carly Jo Hintz
Riveredge Nature Center, Wisconsin Center for Environmental Education

Immersed – Innovative best practices in EE
Enrich outdoor K-12 programming at your nature center with hands-on educational technology that integrates STEM skills, addresses learning standards, and provides relevant experimentation for students. Practice using digital energy investigation tools that allow students to move beyond observation into inquiry-based learning for an engaging learning experience, indoors or out!

Room: CM 012

Dive Into the School of Freshwater Sciences
Elizabeth Sutton
UWM School of Freshwater Sciences

Immersed – Innovative best practices in EE
This presentation will provide an introduction to current research and the School of Freshwater Sciences’ newly renovated facility on Milwaukee’s inner harbor. Explore ways to get involved through the Lake Sturgeon Bowl, the ROV Competition, the Water Field Adventure, and the Graduate Student Outreach Team.

Room: CM 008

Advocating for Behavior Change in the Anthropocene Age
Jordan King
Central Wisconsin Environmental Station

The Rising Tide – Stewardship, advocacy and community engagement
We possess a complex mission: influence the people around us so that they change the world. Yet generating behavior change in EE is not easy nor without controversy. This session will explore how to advocate for the world we believe in, and the changes we need.

Room: CM 005

Science is Child’s Play
Anne Moser
UW-Madison, Wisconsin Water Library

Water Droplets – Early childhood EE
Anne Moser has been offering story times to children ages 3 through 9 to promote water science and Great Lakes literacy in her capacity as a librarian at UW since 2008. Anne will present an overview of her programs and demonstrate the ease of making water science child’s play.

Room: CM 006

Session 1 Con’t Next Page

James Edward Mills will be signing books directly following his keynote address. If you would like more face time with Mr. Mills, you are invited to attend his round table discussion on Friday, Session 2 at 1pm: The Path of Convergence, Navigating the Flow of Synergy Through The Adventure Gap.
**Nature-Based 4K Collaborative: A Community Approach to Providing Early Childhood Education**
Sunny Knutson
Riveredge Nature Center

*Water Droplets – Early childhood EE*
In 2016, Riveredge Nature Center partnered with the YMCA and West Bend School District to offer a new nature-based 4K program. Learn about this successful program that combines high-quality early childhood education and environmental education practices, and features hands-on, child-centered opportunities for learning through exploration and discovery in rich outdoor settings.

**Room: CM 004**

**SPARK! – Cultural Programming for People with Memory Loss at Schlitz Audubon Nature Center**
Shelly Rollins
Schlitz Audubon Nature Center

*Watershed Connections – Diversity, equity and inclusion*
Currently over 5 million Americans are living with Alzheimer’s. At Schlitz Audubon Nature Center, we strive to offer programming for all ages and stages of life. Learn about one of our newest programs, SPARK! This program is for people experiencing cognitive changes (such as memory loss) and their caregivers.

**Room: CM 007**

**Modeling the Water Cycle: How and Why Earth is Constantly Changing**
Gina Vogt with Judy Birschbach
MSOE Center for BioMolecular Modeling, 3D Molecular Designs

*At the Water’s Edge – Recreation, hands-on EE and recreation*
Model the physical and chemical properties of water using hands-on magnetic water molecules that mimic the polar interactions within real water, to explain the impact that water has on the environment.

**Room: CM 008**

**Are they getting it? Formative Assessment in EE**
Victoria Rydberg
Wisconsin Department of Public Instruction

*Immersed – Innovative best practices in EE*
How do you know if students understand what you are teaching? How do you know if the learning experience was successful? Help articulate what students are learning by embedding formative practices into programming. Learn formative assessment practices to use in the classroom, on the school grounds, and in the field.

**Room: CM 009**

**Engaging Youth in Water Quality Monitoring Inquiries**
Justin Hougham with Marc Nutter, Max Myers & Amanda Kyle
University of Wisconsin-Extension

*Immersed – Innovative best practices in EE*
Learn about a statewide research project examining youth's attitudes and knowledge regarding local water quality monitoring with innovative digital tools. Hear highlights from the August 2017 Youth Water Stories Summit where participating youth from Milwaukee, Ashland, and La Crosse shared their personal stories stemming from monitoring efforts, success and challenges.

**Room: CM 005**

**Habitattitude in the Classroom**
Kathy Kline with Tim Campbell
UW Sea Grant Institute, Wisconsin DNR, UW Extension

*Immersed – Innovative best practices in EE*
Live plants and animals have long been valuable teaching tools. They can also teach environmental stewardship, as teachers and students learn that classroom pets can become invasive species if they’re released into the wild. Habitattitude is a national campaign that can be incorporated into your classroom teaching and stewardship projects.

**Room: CM 006**

**Galvanizing Water Stewardship in Milwaukee with an Environmental Justice Perspective**
Brenda Coley with Ann Brummit
Milwaukee Water Commons

*Watershed Connections – Diversity, equity and inclusion*
Milwaukee Water Commons (MWC) is a cross-city network that fosters connection, collaboration, and broad community leadership on behalf of our waters. We promote stewardship of, equitable access to, and shared decision-making for our common waters. MWC works to activate water stewardship by cultivating leadership across communities that have been largely disengaged from the water issues that affect them, including low-income communities, communities of color, youth, queer people, and people of faith.

**Room: CM 010**
Accessibility and Inclusion: How Can You Do More?
Emily Lewis with Steff Merten & Pam Uihlein
Riveredge Nature Center

Watershed Connections – Diversity, equity and inclusion
As Environmental Educators, we seek to foster a genuine connection for our program participants with the natural world. How do you prepare for, include, and embrace all populations in your programming? Are you recognizing your own limitations? Let's put ourselves in our audiences' state of mind. What can you do to help your participants meet their needs?
Room: CM 016

Friday Session 3 2:30-3:15pm

Journeys into the Watershed - Making Connections
Deidre Peroff with Kate Morgan, Milwaukee Metropolitan Sewerage District, Wisconsin Sea Grant

At the Water's Edge – Recreation, hands-on EE and recreation
Curriculum details and evaluative findings will be presented on a pilot project funded by National Marine Sanctuary Foundation designed to engage 4th through 6th graders from two 21st Century Community Learning Centers (CLCs) through a 7-week summer program that reinforces STEM skills and provides watershed focused, place-based learning.
Room: CM 008

EE Certification in Wisconsin
Laurie Gharis with Kendra Liddicoat & Rebecca Franzen, Wisconsin Center for Environmental Education

Immersed – Innovative best practices in EE
Presenters asked 2017 Winter Workshop participants to provide feedback on a potential, Wisconsin EE certification. Using feedback, the presenters developed a survey for wider distribution. In this session, presenters will introduce the survey results and will offer participants an opportunity to provide further feedback on a possible EE certification.
Room: CM 007

James Edwards Mills: The Path of Convergence, Navigating the Flow of Synergy Through The Adventure Gap
James Edwards Mills

Watershed Connections – Diversity, equity and inclusion
After a long career in the outdoor recreation industry James Edward Mills has learned to navigate the troubled waters of diversity, equity and inclusion. Through his work as a journalist and storyteller he has crafted a compelling narrative that details some of projects and programs across the country, including a few here in Wisconsin, which aim to bring people together to work effectively toward the creation of a natural environment that blends and balances the economic and ecological interests of the American people. Explore these ideas in-depth with Mills in this round table discussion.
Room: CM 004

Nature Heeling - Bioelectric Health
Pierre DeBar
Surge Integrated

At the Water's Edge – Recreation, hands-on EE and recreation
Participants will learn the scientific evidence of the physiologic health benefits of touching the Earth. This hands on class teaches a short movement, awareness and mindfulness protocol that can immediately be implemented with children, teens and stressed adults. A fantastic way to motivate humans to engage Nature!
Room: CM 006

Healthy River Communities: Transforming the Upper Milwaukee River Watershed
Carly Hintz
Riveredge Nature Center

The Rising Tide – Stewardship, advocacy and community engagement
The Community Rivers Project connects rural and suburban communities with their local watershed to inspire appreciation, educate, and enable positive land management changes that will improve watershed health. Learn about this new initiative and how Riveredge Nature Center is helping to establish “Clean River Communities” in the upper Milwaukee River Watershed.
Room: CM 005

Kid-Friendly Garden Tools & Techniques
Jennica Skoug
Community GroundWorks

Immersed – Innovative best practices in EE
Kids love spending time working and learning in the garden! In this session, we will share tools and techniques that make it easy for children and youth of any ability level to get involved in all aspects of the garden, from planting and harvesting to composting and cooking. Come ready to expand, and share, your youth gardening toolbox!
Room: CM 003

Session 3 Con’t Next Page
Creating Wonder Spaces: Using Natural Spaces to Engage the Whole Child
Phyllis McKenzie
Riveredge Nature Center

Water Droplets – Early childhood EE
Natural play spaces encourage appropriate risk taking, socializing, and caring for the natural world. Come explore a range of natural play spaces and learn the first steps for adding natural elements to your play space. Discover a partnership that resulted in two outdoor classrooms for 4K programming.
Room: CM 004

Experiential Learning for a Healthy and Sustainable Kinnickinnic River Neighborhood
Alejandra Hernandez & Elizabeth De Leon
Sixteenth Street Community Health Centers

The Rising Tide – Stewardship, advocacy and community engagement
The Kinnickinnic River on Milwaukee’s south side is undergoing an $80 million revitalization process to improve river, ecosystem, and neighborhood health. Accessible, culturally relevant, and intergenerational experiential education connects the people to change in the neighborhood. Creating opportunities for the community to engage in their urban environment during the river restoration process through hands-on education can impact behavior change and implement sustainable environmental practices at the individual and community level for a healthier KK River neighborhood.
Room: CM 016

Saturday Schedule
7AM -- EXHIBITOR BREAKFAST
8AM -- SESSION 4
9:45AM -- SESSION 5
10:30AM -- EXHIBITS
11AM -- SESSION 6
12PM -- LUNCH & DISCUSSION PANEL
1PM — CLOSING CEREMONY

Sat. Session 4 8-9:20am

Water Wildlife: Active learning
David Stokes
The Frog Chorus

Immersed – Innovative best practices in EE
Using songs, sign-language, puppets, live creatures and humor we will examine up close and personal techniques for creating exciting learning situations with children and families.
Room: CM 012

Activities for the Anthropocene
Howard Aprill
Wehr Nature Center

Immersed – Innovative best practices in EE
Combine history and environmental science in this hands-on session exploring how humans have shaped the earth and atmosphere since the Industrial Revolution. Discover how to build interdisciplinary lessons that bring human ecology concepts into the social studies, math and science classrooms.
Room: CM 008

Downstream connections: Introducing environmental education pedagogy to youth leadership at summer camp
Max Myers with Justin Hougham, & Marc Nutter
Upham Woods Outdoor Learning Center

The Rising Tide – Stewardship, advocacy and community engagement
EE training is not just for Naturalists! We will focus on introducing summer camp youth counselors to observation routines and learning models typically applied to EE. Explore how camp programs might modify youth leadership training to better support camper learning and EE at summer camp. Practice using observation routines and apply EE strategies to a summer camp program. Discuss how we can develop youth leaders and encourage engagement in the field of environmental education.
Room: CM 007

Engaging Communities & Classrooms in Pollution Solutions
Dan Bertalan
Into the Outdoors Education Network

The Rising Tide – Stewardship, advocacy and community engagement
Discover the impact of using videos and companion lessons to engage both communities and classrooms about water pollution solutions. This presentation reveals the science behind how to use key engagement techniques to empower audiences with critical thinking using their personal value systems... about water pollution solutions.
Room: CM 006
Nature Storytimes
Beth Mittermaier
earthlimited

Water Droplets – Early childhood EE
Connecting literature, nature exploration, and art to provide meaningful experiences for preschoolers and their grown-ups . . . Using storytimes to inspire grown-ups to get their preschoolers outside between storytime programs . . . Introducing music and movement into storytimes . . . Teaching to the whole child.
Room: CM 004

LGBTQ Perspectives in Environmental Education
Chrystal Seeley-Schreck with Emily Hill
Wisconsin Technical College System, Riveredge Nature Center

Watershed Connections – Diversity, equity and inclusion
Join a panel of LGBTQ educators for a discussion on inclusion and diversity in EE curriculum and classrooms. This unique session will provide an opportunity to explore topics of gender, relationship, and family structures in the context of EE. An LGBTQ inclusive classroom is inclusive for all.
Room: CM 016

Healthy Water, Healthy Kids, Healthy Communities
Victoria Rydberg & Susan Schuller
Wisconsin Center for EE, UWSP Wisconsin Dept of Public Instruction

The Rising Tide – Stewardship, advocacy & community engagement
Join the Green & Healthy Schools Wisconsin team to explore how schools are implementing stewardship projects to improve water quality. Learn how non-formal education centers are partnering with schools in the spirit of “rising tides raise all boats.” Discover resources and ideas to support water stewardship in schools.
Room: CM 005

Sat. Session 5
9:30-10:15am

Authentic Inquiry along Trout Creek
Scott Reilly
Peshtigo School District

At the Water’s Edge – Recreation, hands-on EE and recreation
Experiential learning is all around our students and can meet NGSS goals. I will discuss an experience along a nearby stream counting birds that allowed my 7th graders to design an experiment, collect authentic data, and interpret their results. Although the data was real and interesting, the resulting student questions and awakened interest in birds was the true reward.
Room: CM 007

Advancing EE through Place-based Teacher Preparation
Michael Beeth with Victoria Rydberg & Rebecca Franzen
UW - Oshkosh, WI Department of Pubic Instruction, WI Center for Environmental Education

Immersed – Innovative best practices in EE
Teacher preparation programs in Wisconsin must include instruction in environmental education and the conservation of natural resources. Learn how the public and private teacher education programs in the state came together to integrate place-based learning and improve individual, institutional, and collective efforts to address EE for future K-12 educators.
Room: CM 008

Medicine & Me and Water Health (part 1)
Cheryl Essinger with Lisa Swaney
Rhinelander High School, West Bend Badger Middle School

Immersed – Innovative best practices in EE
Teach students to design, model, analyze data, make claims using evidence with two easy and low budget lessons with big impact, Family Medicine Cabinet and A Case of Unintentional Overdose, understanding labels, impacts of medicines on health and the environment.
Room: CM 004

Successful Secondary Programs at the Boston School Forest
Karla Lockman
Boston School Forest

Immersed – Innovative best practices in EE
The Stevens Point Area Public School District’s Boston School Forest has expanded its programming to include all secondary students in the District in grades 7-10. This program involves students in citizen science projects, utilizes technology, and gives the older students an opportunity to teach our youngest learners.
Room: CM 012

Rights of Nature law to protect global waters
Juliet De la Terre
Sacred Water Sacred Land Institute

The Rising Tide – Stewardship, advocacy and community engagement
The topic of the Whanganui River in New Zealand and the Ganges and Yamuna Rivers in India being granted legal protections (Rights of Nature law) as a person are discussed. Along with the almost two hundred US communities using rights of nature law in local ordinances to protect their communities and environment, particularly water.
Room CM 006

Session 5 Con’t on Next Page.
**Water Food Nexus in the Rock River Watershed**  
Margarita Alaric with C. Holly Denning  
University of Wisconsin Whitewater

The Rising Tide – Stewardship, advocacy and community engagement

This pilot project creates a community of young, diverse leaders to explore issues of land and water use in the Rock River watershed through the lens of environmental justice. Our UW-Whitewater multidisciplinary team joins with Angelic Organics farm and Roots and Wings in Rockford, Illinois.

**Room: CM 005**

**Sat. Session 6**  
11-11:45am

**Perceptions of Using School Grounds to Provide Outdoor Experiences in Wisconsin's Green and Healthy Schools**  
Brent Burton  
University of Wisconsin - Stevens Point

Immersed – Innovative best practices in EE

This presentation will focus on a graduate study looking at how teachers, administrators, and site managers view their schools’ grounds. Data will be presented on how schools across Wisconsin utilize their school grounds for positive outdoor experiences as well as the barriers and supports schools face in providing these experiences.

**Room: CM 008**

**Water and Spirituality**  
Huda Alkaff  
Wisconsin Green Muslims

The Rising Tide – Stewardship, advocacy and community engagement

Water is a sacred trust. It lifts and stirs the spirit. The sustaining, purifying and healing power of water fills us with awe, and connects us as a community of all faiths, spiritualities and philosophies. Huda Alkaff will share her decade-long interfaith experience in water community engagement strategies and resources.

**Room: CM 016**

**Did you Know…**  
Mequon’s name is derived from an Indian word for ladle, which describes the shape of the Milwaukee River around Mequon. The Potawatomi and Menominee tribes lived here before French fur traders set up posts on the Milwaukee River. The spelling was probably influenced by the French in the area at the time.

**Ripples Make Waves: Bringing the Global Water Crisis in to your Classroom**  
Joan Roehre with John Andersen, Adventure Kids Learning

The Rising Tide – Stewardship, advocacy and community engagement

Participate in Adventure Kids Learning’s virtual expeditions and bring the global water crisis to your classroom via interactive videoconference! Join expeditions hosted from Central America, Flint Michigan, First Nation reservations and more, including Ripples Make Waves: The 24 Hour World Water Day Youth Summit!

**Room: CM 005**

**Sustainability Super Heroes**  
Cheryl DeWelt  
Madison Children’s Museum

**Water Droplets – Early childhood EE**

Learn about sustainability and EE for a younger audience. How can educators scaffold learning while introducing important science concepts to young children of different ages? How can activities help children learn to care for and nurture our world while also inspiring them to observe, formulate questions and test hypothesis? This workshop will share projects that involve children in hands-on activities that teach them about cycles and processes, STEM, nature, gardening, cooking and sustainability.

**Room: CM 006**
Connecting Urban Children to Water through a Water Passport Program
Jason Nickels with Cora Lee-Palmer
Milwaukee Metropolitan Sewerage District, Mequon Nature Preserve

Watershed Connections – Diversity, equity and inclusion
Mequon Nature Preserve and Milwaukee Metropolitan Sewerage District have partnered to teach urban students about their connection to the incredible resource that is Lake Michigan. Topics covered in the Water Passport Program include watersheds, water pollution, water treatment and reclamation, wetland function, wetland fauna, and water quality assessments.

Room: CM 016

Environmental Education: An Ojibwe Perspective
Paula Maday
Public Information Office, Great Lakes Indian Fish & Wildlife Commission

Watershed Connections – Diversity, equity and inclusion
This presentation will share information about Ojibwe treaty rights and sovereignty. It will discuss examples of how to incorporate this perspective into educational environments including classrooms and cultural camps.

Room: CM 007

FIELD Corps: Partnerships for Place-based Environmental Education
Kim Wahl
Wisconsin Green Schools Network

The Rising Tide – Stewardship, advocacy and community engagement
How can students engage in meaningful environmental stewardship projects? How do we help teachers value place-based environmental education as path to increased academic achievement and engagement? Learn how FIELD Corps is “Fostering Inquiry and Empowering Learners through Discovery” by building school-community partnerships in all types of schools across the state.

Room: CM 012

Winter Workshop
January 19-21, 2018 - Treehaven - Tomahawk, WI

EnCOMPASSing: Progress, Perspectives, and Possibilities in EE

Call for proposals now open: WAEE invites you to submit a proposal that responds to one of the following conference strands:

• Progress: How are leaders advancing their organizations and the field of EE?
• Perspectives: How can we expand our understanding of the nature, people, and society around us to be more diverse and inclusive?
• Possibilities: How can we deepen our capacity to engage and inspire learners through hands-on ideas, resources, and collaboration?

Also, stay tuned for information on a “Diversity, Equity & Inclusion Short Course” offered at this year’s Winter Workshop.