

EEAI
TURNING A NEW LEAF IN
ENVIRONMENTAL EDUCATION

NOVEMBER 4 – 6th, 2022
CAMP MACK
MILFORD, IN



PRE-CONFERENCE WORKSHOP

Donna Rogler - Environmental Education Materials: Guidelines for Excellence

Donna Rogler is the Indiana Project Learning Tree Coordinator and Forestry Education Specialist, employed by the Indiana Division of Forestry. She was trained as a professional forester at Purdue University and received master's degrees from the SUNY College of Environmental Science and Forestry (Resource Management) and Syracuse University (Instructional Development). As a Facilitator for the National Project for Excellence in Environmental Education, Donna conducts workshops and presentations on the various Guidelines for Excellence materials.

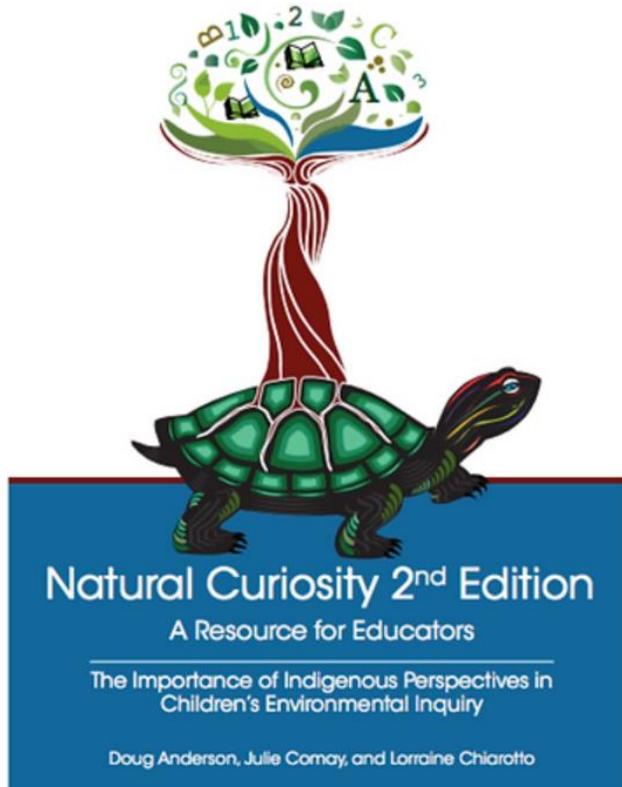
The Environmental Education Materials: Guidelines for Excellence comprises a set of recommendations for developing and selecting environmental education instructional materials.

These guidelines aim to help producers of activity guides, lesson plans, and other instructional materials create high-quality products and to provide educators with a tool to evaluate the wide array of available environmental education materials. Through the National Project for Excellence in Environmental Education, the North American Association for Environmental Education (NAAEE) is taking the lead in establishing guidelines for the development of coherent and comprehensive environmental education materials and programs. These guidelines draw on our best thinking honed by scholars and practitioners across a variety of fields and settings, including formal and nonformal education, curriculum development, instructional design, early childhood education, and adult education.

To ensure that these Guidelines for Excellence reflect a widely shared understanding of environmental education, they were developed by a team of environmental education professionals from various backgrounds and organizational affiliations. This team took on the challenge of turning ideas about quality into tangible recommendations and examples. In addition, drafts of these guidelines were circulated widely to practitioners and scholars in the field (e.g., teachers, educational administrators, environmental scientists, and curriculum developers), and their comments were incorporated into successive revisions of the document. As such, hundreds of practitioners have participated in the writing of these guidelines.

2022 KEYNOTE SPEAKER

Past/Present/Future through the Lens of Indigenous Sustainability



Hailing from Canada, Natural Curiosity is an environmental education organization focused on guiding educators to explore new ways of thinking and teaching about the environment in their curriculum. Natural Curiosity has introduced indigenous themes, lessons, and perspectives into their program to amplify their reach and impact. This organization has partnered with schools, colleges, and communities to share their perspectives and create a more wholesome learning environment. It is our pleasure to introduce Natural Curiosity as our keynote speaker for EEAI 2022.

Through our partnership with the Outdoor Learning Store, we're excited to be able to offer conference attendees the opportunity to purchase a copy of their resource book:

"Natural Curiosity 2nd Edition: A Resource for Educators"

This book complements the keynote and allows attendees to deepen their engagement with the topic. This excellent resource supports a more vital basic awareness of Indigenous perspectives and their importance to environmental education. The Indigenous lens in this edition represents a cross-cultural encounter helping what can become an ongoing dialogue and evolution of practice in environmental inquiry. Some important questions have been raised that challenge us to think in very different ways about things as fundamental as the meaning of knowledge. You will be able to select this book with your registration.

CONFERENCE SCHEDULE

Friday, November 4, 2022

- 8:00am Check-in begins
- 8:30am Pre-Conference Workshop - Donna Rogler
- 11:45am Lunch
- 1:00pm New Member and Student Welcome - what is EEAI/ EE
- 1:30pm Kickoff/Welcome
- 2:15pm Concurrent Sessions 1
- 3:30pm Concurrent Sessions 2
- 4:30pm EEAI Diversity Symposium
- 6:00pm Dinner /Awards/Board Election Results
- 8:30pm EEAI Has Talent Showcase

Saturday, November 5, 2022

- 7:00am Birdwalk
- 8:00am Breakfast
- 9:00am Concurrent Session 3
- 10:30am Concurrent Session 4
- 12:00pm Lunch
- 12:30 Keynote: Natural Curiosity
- 1:30 - 5:00pm Field Trips
- 6:30pm Dinner
- 7:00pm Silent Auction Opens
- 8:00pm Campfire/ Hospitality/ Night Hike

Sunday, Nov 6, 2022

- 6:30am Inspirational hike
- 7:30am Breakfast
- 8:45am Gathering of all attendees for announcements
- 9:15am Bill Street and the Future of EE
- 10:30am Checkout break
- 10:45am Farewell announcements
- 11:00 am Meeting for the 2023 conference

CONFERENCE DETAILS

Silent Auction

- Our silent auction is in the dining room in Kline Welcome Center. The silent auction provides a major source of funding for the EEAI chapter, so please bring cash to participate and any items you plan to enter!

Parking Information

- There is no charge this year for parking. Please park in the lot in front of the Kline Welcome Center, or in the lot southeast of the Welcome Center. Thank you!

Wi-Fi/Internet Access

- There is internet access at Camp Mack, and Wi-Fi is available within the major buildings. Wi-Fi connection is strongest within the Kline Welcome Center.

Session Accessibility

- All sessions are held close together on the same grounds. The walking distance between the farthest sessions shouldn't take longer than 10 minutes. Please contact a Purdue SCEE member if you need accommodations to get from session to session!

Meals

- All meals will be held within the dining hall in the Kline Welcome Center.

Don't Forget to Bring

- Clothing and shoes/boots so you are comfortable walking to sessions and participating in field trips
- Cash for Tippy Creek Winery Field Trip (~\$20) and Gene Stratton-Porter Cabin Field Trip (\$7/person or \$6/person for seniors (60+))
- Reusable water bottle
- Lawn chair/camp chair
- Item for silent auction

Natural Curiosity

- Thanks to the partnership with the Outdoor Learning Store, we can offer the ability for attendees to purchase a copy of the learning guide that partners with our keynote speaker. The book "Natural Curiosity 2nd Edition: A Resource for Educators" will be available for purchase at the registration table.

SCHEDULE FOR SESSIONS

	Time	Turkey Creek Room (Kline Welcome Center)	Kline Room (Kline Welcome Center)	Jacobs Well	Dining Room (Kline Welcome Center)	Amphitheatre
Friday, November 4	8:30 AM	Pre-Conference Workshop				
	2:15 PM	Justin Hougham	Jenna Wait		Dr. Carla Gull	Leslie Arnold
	3:30 PM	Stephanie Schuck	Sarah Wolf / tish carr		Mindy Murdock	
	4:30 PM				Brave Spaces Symposium	
Saturday, November 5	9:00 AM	SCEE – Community Nature Day	Nakeisha Washington	Mary Cutler		
	10:30 AM	Jade Harvey and Haley Higdon	Abi Bymaster	Gretchen Weliever and Phoebe Soldi		
Sunday, November 6	9:15 AM				Bill Street	

NOTE: Sarah Wolf and tish carr are presenting different sessions in the Kline Room, but there will be a divider between the two sessions.

SESSION DETAILS

Theme: Finding Values in Green Space

Dr. Carla Gull

- Interested in including nature in your early childhood environment, but not quite sure how? Already including nature, yet want to make it more meaningful? Nature is an essential part of developing wonder in early childhood. Learn how to cultivate your own sense of wonder as we look at the foundational practices of including nature play in your space. As educators, we are the gatekeepers for children getting outside and experiencing nature. Learn how to make daily nature play an enjoyable learning experience for all.

Mindy Murdock

- Public parks and libraries are places where people come together for regular, sustained interactions, and in the process, a community is built. Parks and libraries share similar missions and partnering makes for a more efficient, creative, better connected, and vibrant community.

Mary Cutler

- Establishing connections between citizens of all ages to their local natural resources is a key component in nurturing stewardship ethics. Learn how field days and festival-style events can be structured to promote the greatest post-event impact. Participants will review models of successful events and participate in a simulated event planning process.

Abi Bymaster

- In this workshop, you will learn how I take the Death and Life of the Great Lakes narrative, a local wetland (adjacent to the school), a host of hands-on activities, and a place-based learning experience to create a project that inspires students to conserve and value natural spaces. You will work cooperatively with one another to gain experience in Project Based Learning, one that focuses on natural spaces.

Bill Street

- Bill will provide an overview of NAAEE and the upcoming efforts to expand the Associations efforts, and include current trends and how those may impact environmental education.

Theme: Accessibility of Green Space

Jenna Wait

- Join conservationist Jenna Wait as she demonstrates some of the Elkhart County SWCD education resources. She will be featuring the Augmented Reality Sandbox along with an infiltration cart, educational kits, and free online resources.

Sarah Wolf

- Reaching and teaching homeschoolers can be challenging. Homeschool families often have a wide range of ages, and it can be tricky to teach everyone. Learn strategies and tricks from a park naturalist who was homeschooled!

Gretchen Weliever and Phoebe Soldi

- Technology in natural settings is usually looked upon as a distraction. Not anymore! Purdue students Phoebe Soldi and Gretchen Weliever will lead a session introducing the different technologies environmental educators can utilize for classroom activities. Learn how to take advantage of technology in the context of environmental education using apps like iNaturalist, Merlin, MyTreeID, and more.

Purdue Student Chapter of Environmental Education (SCEE)

- Join SCEE students as they share their experiences planning "Community Nature Day" - an event used to educate local community members about the environment - and how they plan to make this event more accessible in 2023.

Theme: Incorporating Indigenous Teachings in Environmental Education Lessons

Leslie Arnold and Dani Tippmann

- A new naturalist inherits a longstanding maple syrup making field trip. Listen to the story of her journey to incorporate missing perspectives and relationships. Meet Dani Tippmann, Miami Native American, and learn steps for respectfully incorporating Indigenous perspectives into programs.

Jade Harvey-Bill and Haley Higdon

- Indigenous communities have successfully practiced sustainability and environmental stewardship since time immemorial. After the decimation of Indigenous culture and knowledge, how can non-Indigenous educators act best as allies, uplifting Indigenous voices and creators, without appropriation? Jade from the Outdoor Learning Store and Haley from Natural Curiosity will share their experiences of relationship building with Indigenous mentors, lessons (continually) learned and available resources.

tish carr

- This presentation is intended to help participants understand the value of how and why bringing Indigenous Knowledge into the curriculum framework can help enhance learning for both Native and non-Native learners. We will also share some initial pedagogy thoughts on how this can work for educators (both formal and informal) as well as some of the opportunities to create change in the educational framework toward a journey of educational success for Native and non-Native environmental learners.

Theme: Bridging Appreciation to Passion (Activity Sessions that provide hands-on materials using innovative ways to connect with nature)

Dr. Justin Hougham

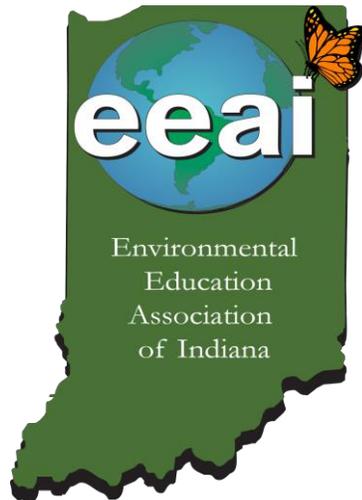
- The Digital Observation Technology Skills (DOTS) program emphasizes scientific problem solving in environmental education. The DOTS program is an outdoor Science, Technology, Engineering, and Mathematics (STEM) lesson that uses modern mobile technology tools to connect today's students to the outdoors in new and innovative ways. This inquiry-based program navigates the basics of the scientific method and focuses on the importance of good scientific communication and sharing discoveries with others.

Stephanie Schuck

- Learn how SICIM is working with local communities to manage invasive plants through grassroots efforts and building partnerships, and how you can be a part of the solution by reporting invasives with EDDMapS. Please download the app prior to the session here: <https://www.eddmaps.org/indiana/>

Nakeisha Washington and Steve Witta

- DEEPLY ROOTED IN STEM (DRIS) introduces and prepares students in agricultural and environmental science, IOT networking introduction, park's history, habitats for the plants and animals to help foster an appreciation for the local parks, the environment, and STEM-based careers.



FIELD TRIPS

Merry Lea Environmental Center - \$0

- Merry Lea Environmental Learning Center of Goshen College is an 1,189-acre nature sanctuary and environmental education center located near Wolf Lake, Indiana. It is also home to the college's Master of Arts in Environmental Education (MAEE) program. In this tour you will learn about their approach to offering environmental education programming while training the next generation of educators through interactive experiences with MAEE alumni in Merry Lea's wetlands, nature preschool classroom, and teaching farm. We will be out for 2.5 - 3 hours; be prepared for any weather!

Gene Stratton-Porter Cabin - \$7/person or \$6/person for seniors (60+)

- A multi-talented woman, Gene Stratton-Porter was not only a best-selling author but an avid conservationist. Gene's Cabin at Wildflower Woods is nestled on the shores of Sylvan Lake amongst 148 acres of fields, woods, and beautiful formal gardens. Join us for a tour of her home and learn about Gene's love for nature. Participants are encouraged to carpool to the location, which is about a 40-minute drive from Camp Mack.

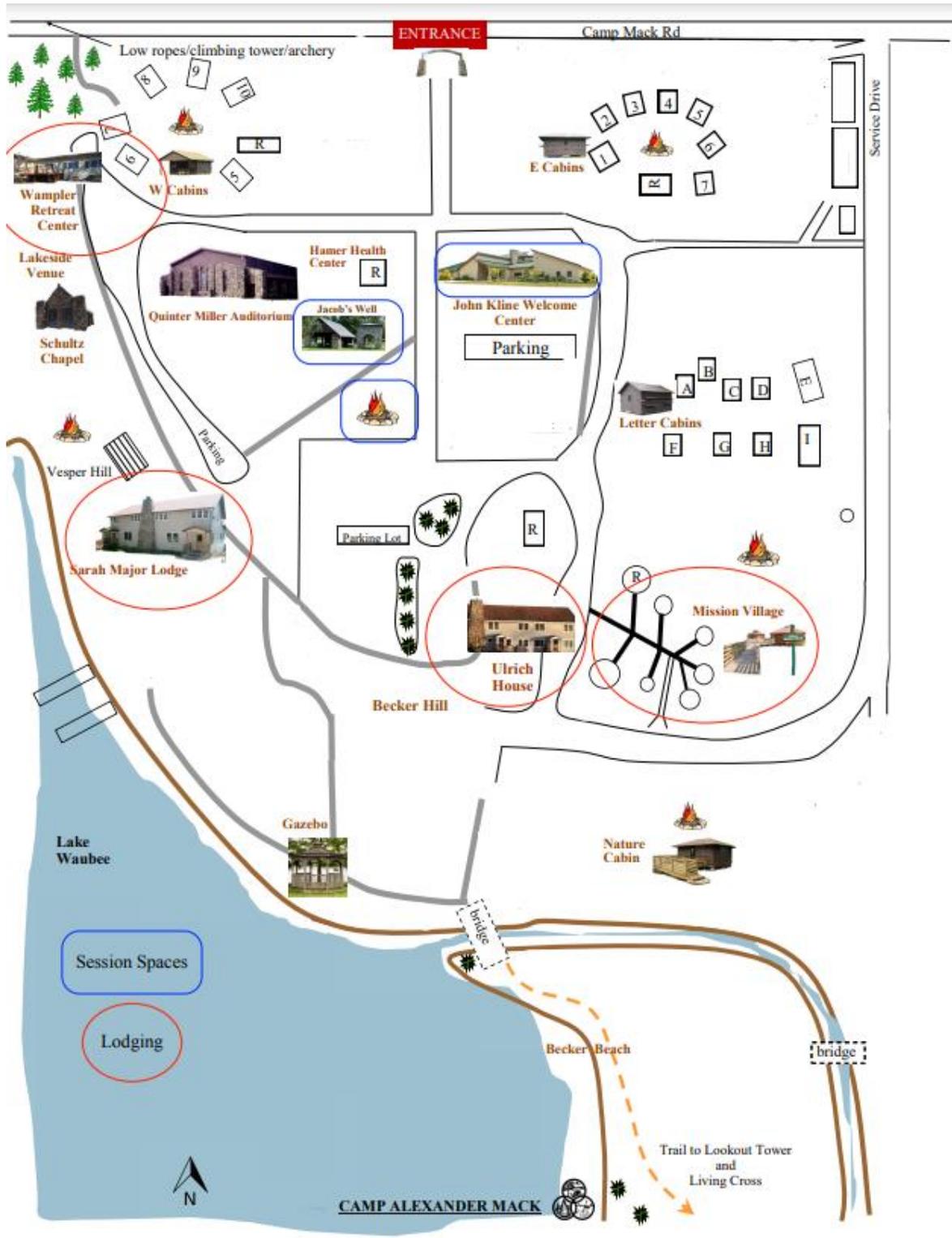
Tippy Creek Winery - \$15 for a flight and additional for cheese and crackers

- Join us for brief history of Tippy Creek Winery and learn more about the wine making process. Afterwards, you will be able to taste any of their wine flights. Trained wine servers will lead guests through the list of wines, ranging from dry to sweet, dessert, and sparkling. Additional wine purchases beyond tasting fees are not included. Flights of beer, cider, and slushies are available in limited quantities. Participants are encouraged to carpool to the location, which is a 15 minute drive from Camp Mack.

Camp Mack Nature Hike - \$0

- Using I-Naturalist and traditional plant identification skills, join Purdue students Payton Ginestra and Adrian Corbett for a hike through the woods of Camp Mack. Along with hands-on experience using I-Naturalist and Seek, hikers will identify native flora and fauna and learn about forest management practices and ecosystem services. The hike will be approximately 1 hr on easy terrain.

MAP OF CAMP MACK



NOTE: Fireplace with the blue box is the amphitheater.

WEATHER FORECAST

Please keep in mind we will be walking outside from session to session. You might need an umbrella/rain jacket on Friday.

THURSDAY 11/3/22

DAY

68°

Mostly Sunny



NIGHT

55°

Mostly Cloudy



FRIDAY 11/4/22

DAY

70°

30% Chance of Rain



NIGHT

60°

30% Chance of Rain



SATURDAY 11/5/22

DAY

64°

40% Chance of Rain



NIGHT

41°

Mostly Clear



SUNDAY 11/6/22

DAY

64°

Mostly Sunny



NIGHT

42°

Clear

