NAAEE 49th Annual Conference
Event Schedule
Mon, Oct 05, 2020

2:30pm

**Advocacy, Policy, and Civic Engagement eePRO Group Meeting**

📅 2:30pm - 3:30pm, Oct 5
📍 Meeting

eePRO Group networking meeting; all attendees welcome!

👥 Coordinator

Sarah Bodor  NAAEE

Brock Adler  Chair, Advocacy Committee, NAAEE

---

**Guidelines for Excellence eePRO Group Meeting**

📅 2:30pm - 3:30pm, Oct 5
📍 Meeting

eePRO Group networking meeting; all attendees welcome!

👥 Coordinator

Sarah Johnson  Wild Rose Education

Renee Strnad (she/her)  Environmental Educator, North Carolina State University

Bora Simmons  Director, National Project for Excellence in Environmental Education

---

4:00pm

**Data Literacy eePRO Group Meeting**

📅 4:00pm - 5:00pm, Oct 5
📍 Meeting

eePRO Group networking meeting; all attendees welcome!
Early Childhood EE eePRO Group Meeting

4:00pm - 5:00pm, Oct 5

Meeting

eePRO Group networking meeting; all attendees welcome!

NAAEE Affiliate Meet-Up with EPA Coordinators

4:00pm - 5:30pm, Oct 5

Meeting

By invitation only. Representatives from NAAEE Affiliate organizations will connect with EPA regional coordinators to provide updates from the field and explore opportunities for collaboration.
**Speakers**

Judy Braus (she, her) Executive Director, NAAEE

Ginger Potter Senior Education Specialist, US Environmental Protection Agency

Michael Band Environmental Education Specialist, U.S. Environmental Protection Agency

Lee Tanner Acting Director of the Office of Public Engagement and Director of the Office of Environmental Education, US EPA

**Tue, Oct 06, 2020**

**1:00pm**

**Environmental Youth Summit Community of Practice Interest Meeting**

Join us for the first interest meeting for the Environmental Youth Summit Community of Practice, an initiative to bring together youth summits from across the United States to share ideas and best practices. Both adults and young people are welcome.

**Coordinator**

Lauren Gibson PhD student, North Carolina State University

**Government EE Agencies eePRO Group Meeting**

eePRO Group networking meeting; all attendees welcome!

**Coordinator**

Billy Bennett Executive Director, Kentucky Environmental Education Council
Higher Education eePRO Group Meeting

Meeting

eePRO Group networking meeting; all attendees welcome!

Coordinator

Rebecca Franzen University of Wisconsin-Stevens Point, Wisconsin Center for Environmental Education

Dr. Jeanine Huss Professor, Western Kentucky University

3:00pm

Building an Active and Engaged Public: Discourse, Media Literacy, and Civic Education

Keynote and Plenary Sessions

As the world watches Americans head into the US presidential election season this fall, the need for an active and engaged public representing diverse communities, beliefs, and priorities is evident. At the same time, headlines are filled with threats to equality, freedom, and liberty—the very ideals that led to the founding of the Republic. These include news about voter suppression, police brutality, and dire consequences of human behaviors on our climate. Without the watchful eye and activism of the people of the United States, our Republic is in peril. How do we help to protect our democracy? Our expert panel will share why building an engaged public—especially young people—through media literacy and discourse about public issues is so important, and they'll share concrete advice that educators can use every day. This will be a moderated conversation with ample time for Q&A.

This pre-conference webinar requires free registration. Click here to sign up. Note: This applies only to this specific session; other plenary sessions do not require registration.

Moderator

Kei Kawashima-Ginsberg Director, CIRCLE Tufts University

Speakers

Jimmeka Anderson I AM not the Media, Inc.
Wed, Oct 07, 2020

1:00pm

Climate Change Education eePRO Group Meeting
🔗 1:00pm - 2:00pm, Oct 7
📍 Meeting

eePRO Group networking meeting; all attendees welcome!

Coordinator

Kristie Wagner, M.S. eePro Moderator, NAAEE

Danielle Lawson Assistant Professor, Penn State University

Equity and Inclusion eePRO Group Meeting
🔗 1:00pm - 2:00pm, Oct 7
📍 Meeting

eePRO Group networking meeting; all attendees welcome!

Coordinator

Anne Umali Director of Professional Development, ee360 Project Manager, NAAEE

Charissa V. Jones (she/her) Outreach & Inclusion Coordinator, Oregon State University Extension Service–Outdoor School

2:00pm

Affiliate Assembly (Pre-Registration and Extra Fee Required)
🔗 2:00pm - 4:00pm, Oct 7
Workshop

Building Leadership for Environmental Literacy

The Affiliate Assembly is designed for staff and board members of NAAEE’s 56 Affiliate Network organizations. Share and learn from other Affiliate leaders in this unique professional development and networking opportunity. Let’s build capacity, share successful practices, and learn innovative strategies. Join us after the Assembly for an optional Virtual Happy Hour (4:00 PM-5:00 PM).

 Presenter

Adrian Ayson eeMatters Consulting/Maine Environmental Education Association

Sarah Bodor NAAEE

Bruce Young Virginia Association for EE

2:30pm

Conservation and Behavior Change eePRO Group Meeting

2:30pm - 3:30pm, Oct 7

Meeting

eePRO Group networking meeting; all attendees welcome!

 Coordinator

Kelley Dennings Social Marketing Association of North America

4:00pm

K–12 EE eePRO Group Meeting

4:00pm - 5:00pm, Oct 7

Meeting

eePRO Group networking meeting; all attendees welcome!

 Coordinator

Donna Goodman Author/Founding Director, ECOMASTERS, Donna Goodman Productions, Earth Child Institute
5:00pm

**Queer Environmental Educators Network (QEEN) Gathering**

5:00pm - 6:00pm, Oct 7
Meeting

QEEN is a space provided by and for LGBTQ+ identified EE professionals to connect with and support each other.

**Coordinator**

Aarin Wilde (he/they) Environmental Justice Leader, City of Tacoma

---

Thu, Oct 08, 2020

10:00am

**Global EE eePRO Group Meeting**

10:00am - 11:00am, Oct 8
Meeting

eePRO Group networking meeting; all attendees welcome!

**Coordinator**

Nina Hamilton (she/her) International Programs Specialist, NAAEE

Melissa Hopkins Taggart Managing Director, Director of International Programs, NAAEE

---

12:00pm

**Climate Change Education in the Classroom (Pre-Registration and Extra Fee Required—FULL)**

12:00pm - 3:30pm, Oct 8
Workshop

Conservation and Environmental Education

Explore climate change using engaging Project Learning Tree activities that examine the carbon cycle, carbon footprints, and ecosystems. Examine geography, culture, science, math, economics, and social justice and their relationships to climate change. Leave the session with resources to empower students to become active participants in the climate change discussion. (Pre-registration and an additional fee is required for this workshop.)

**Presenter**
Mary Westlund (Pronouns: she/her/hers) Maryland Association of Environmental and Outdoor Education

Speaker
Laura Johnson Collard

Culture Eats Strategy for Breakfast: Leading Culture Change Using Equity, Diversity, and Inclusion (Pre-Registration and Extra Fee Required—FULL)

Starts: 12:00pm - 3:30pm, Oct 8

Workshop
Building Leadership for Environmental Literacy
EE360 Equity and Inclusion

Culture has everything to do with your group or organization’s ability to deliver on its equity, diversity, and inclusion goals. Your group/organization has its own culture that is born in part by its history, the behavior patterns of its original members and leaders, and more. We will explore ways of leading equity, diversity, and inclusion change efforts via culture shifts. (Pre-registration and an additional fee is required for this workshop.)

Presenter
Queta Gonzalez CDE
Olivia Griset Executive Director, Maine Environmental Education Association
Eileen Everett Executive Director, Enviromental Education of New Mexico
Charissa V. Jones (she/her) Outreach & Inclusion Coordinator, Oregon State University Extension Service–Outdoor School
Tanya Pluth Center for Diversity and the Environment

Fostering Quantitative Reasoning and Climate Understanding with Project EDDIE (Pre-Registration and Extra Fee Required)

Starts: 12:00pm - 3:30pm, Oct 8
**Workshop: Linking Research and Practice to Increase Impact**

Engaging students in quantitative reasoning while developing knowledge about environmental phenomena can be done using free online publicly available datasets. Project EDDIE creates flexible curricula that have been used across variously sized classes from middle- to college-level. This workshop will walk-through and discuss a module focused on climate change. (Pre-registration and an additional fee is required for this workshop.)

**Contributor**

Tanya Josek  Illinois State University

Catherine O'Reilly  Illinois State University

**Presenter**

Rebekka Darner  Director of the Center for Mathematics, Science, & Technology, Illinois State University

---

**Sustainability Lived and Learned: Facilitating Inclusive Projects (Pre-Registration and Extra Fee Required—FULL)**

12:00pm - 3:30pm, Oct 8

**Workshop: Advancing Civic Engagement and Sustainable Communities**

Environmental and sustainability issues vary from community to community. How can we approach developing a project that centers the students and community as leaders of change? Join the workshop for three activity demonstrations and discussions on how to facilitate more inclusive projects with your own participants. (Pre-registration and an additional fee is required for this workshop.)

**Presenter**

Molly Cashion  Program Manager, Arizona State University

**Speaker**

Rob McGehee  Program Manager, Sustainability Teachers' Academy, Arizona State University
4:00pm

E-STEM Education eePRO Group Meeting
- 4:00pm - 5:00pm, Oct 8
- Meeting
  eePRO Group networking meeting; all attendees welcome!

Coordinator

Lily Jonsek, Pelican R&D

Kenneth Rainer, Instructional Design Technologist, NOAA - Office for Coastal Management

Carly Hintz, Associate Director of Education, Riveredge Nature Center

Environmental Professionals of Color (EPOC) Annual Meeting
- 4:00pm - 5:00pm, Oct 8
- Meeting
  The Environmental Professionals of Color (EPOC) annual business meeting is open to EPOC members and potential members. Join us as we co-create a space to talk about what's on our minds, our challenges and successes, our hopes, and ways we can support one another.
  EPOC is a program of the Center for Diversity & the Environment.

Coordinator

Queta Gonzalez, CDE

Fri, Oct 09, 2020
Sat, Oct 10, 2020
Sun, Oct 11, 2020
Mon, Oct 12, 2020

12:00pm

Community Engagement Guidelines for Excellence—Equity and Inclusion (Pre-Registration and Extra Fee Required—FULL)
- 12:00pm - 3:30pm, Oct 12
- Workshop
By invitation only: This advanced workshop is open to participants in previous community engagement guidelines train-the-trainer workshops. The interactive workshop introduces the equity and inclusion expansions of NAAEE’s Community Engagement: Guidelines for Excellence, offers relevant facilitation and programming ideas; and provides guidance for designing learning opportunities in your community context. Must participate on October 12 and in a November follow-up session. (Pre-registration is required for this workshop.)

Presenter

Libby McCann  Antioch University

Jean Kayira  Core Faculty, Antioch University New England

Luciana Ranelli she/her(s)  ee360 Community Engagement Outreach Coordinator, Antioch University New England

Anna Parker  Ee360

Cynthia Espinosa Marrero  ee360

Connecting Research and Practice: Strategies to Improve Your Environmental Education Programs (Pre-Registration and Extra Fee Required—FULL)

Ever wondered about the latest research in environmental education? Where do you find it? How do you use it? Join us to explore strategies for integrating research findings into your programs using collaborative design-thinking activities. A train-the-trainer element helps you coach others to incorporate EE research in their practice, too. (Pre-registration and an additional fee is required for this workshop.)

Contributor

Nicole Ardoin  Emmett Family Faculty Scholar, Stanford University

Presenter
**Exploring the Misinformation Landscape: News Literacy, Science, and Civic Learning (Pre-Registration and Extra Fee Required—FULL)**

*12:00pm - 1:30pm, Oct 12*

**Workshop**

**Advancing Civic Engagement and Sustainable Communities**

In an age of “fake news” and non-belief in science, how do we help our young people become more media literate? In this workshop, we'll focus on how to help your learners identify types of misinformation, understand how and why it spreads, apply digital verification skills, and use effective debunking strategies to become informed media consumers. (Pre-registration and an additional fee is required for this workshop.)

---

**Say "Yes!" to Kids with Disabilities in Nature-Based Programming (Pre-Registration and Extra Fee Required)**

*12:00pm - 3:30pm, Oct 12*

**Workshop**

**Connecting with Nature** **Equity and Inclusion**

All children have the right to play. Yet, far too often kids with disabilities are excluded from play activities such as participation in environmental education programs. This interactive session led by the Seattle Children's PlayGarden teaches participants strategies for how to best include children with disabilities in nature-based programming. (Pre-registration and an additional fee is required for this workshop.)
ADDED WORKSHOP: Sustainability Lived and Learned: Facilitating Inclusive Projects
(Pre-Registration and Extra Fee Required)

12:00pm - 3:30pm, Oct 12
Workshop
Advancing Civic Engagement and Sustainable Communities

Environmental and sustainability issues vary from community to community. How can we approach developing a project that centers the students and community as leaders of change? Join the workshop for three activity demonstrations and discussions on how to facilitate more inclusive projects with your own participants. (Pre-registration and an additional fee is required for this workshop.)

 Presenter
Molly Cashion Program Manager, Arizona State University

 Speaker
Rob McGehee Program Manager, Sustainability Teachers' Academy, Arizona State University

ADDED WORKSHOP: Understanding and Applying Antiracist Practices in Your Work and Life (Pre-Registration and Extra Fee Required)

12:00pm - 3:00pm, Oct 12
Workshop
Building Leadership for Environmental Literacy Equity and Inclusion

As the United States reckons with our legacy of racism, how can environmental educators and organizations respond? This workshop helps participants understand and apply Dr. Ibram X. Kendi’s powerful antiracist framework for addressing racism. If you are open to exploring how to create an antiracist future, this session is for you. (Pre-registration and an additional fee is required for this workshop.)

 Presenter
Mike Brooks Founder, Brooks Consulting
Leonard Curry Founder & CEO, Leonard Curry Consulting, LLC

Young Professionals Clinic: Capitalizing on Your Strengths (Pre-Registration and Extra Fee Required)
Workshop

Building Leadership for Environmental Literacy Young Professionals

Whether you're a student or are near the beginning of your professional path, this clinic will help you build the mindset and skills to embrace and amplify your individual strengths to show up as a leader wherever you are in your career. (Pre-registration and an additional fee is required for this workshop.)

 Presenter

Eileen Everett Executive Director, Environmental Education of New Mexico

Olivia Griset Executive Director, Maine Environmental Education Association

Nina Hamilton (she/her) International Programs Specialist, NAAEE

Charissa V. Jones (she/her) Outreach & Inclusion Coordinator, Oregon State University Extension Service–Outdoor School

T'Noya Thompson EE Specialist, NAAEE Evaluation Portal Website

 Speaker

Samar Ahmed Program Manager, MEEA

4:00pm

Welcome and Orientation

If this is your first NAAEE conference—or your first virtual conference—join us for this friendly and informal orientation to learn more about selecting sessions of interest, networking opportunities, using our website and mobile and desktop apps, and more.

 Coordinator

Sheila Williams Ridge Director, U of MN Lab School
5:00pm

**Young Professionals Happy Hour**

Do you consider yourself a young professional in the EE field? Come join us for a fun evening of networking with fellow peers as we engage in games and informal discussion!

**Coordinator**

- Maya Alexander (she/her) Program Manager/Educator, Chesapeake Bay Foundation
- Lauren Gibson PhD student, North Carolina State University
- Meghan Young Independent Contractor, MEEA

**Tue, Oct 13, 2020**

12:00pm

**ADDED WORKSHOP: Climate Change Education in the Classroom (Pre-Registration and Extra Fee Required)**

Explore climate change using engaging Project Learning Tree activities that examine the carbon cycle, carbon footprints, and ecosystems. Examine geography, culture, science, math, economics, and social justice and their relationships to climate change. Leave the session with resources to empower students to become active participants in the climate change discussion. (Pre-registration and an additional fee is required for this workshop.)

**Presenter**

- Mary Westlund (Pronouns: she/her/hers) Maryland Association of Environmental and Outdoor Education

**Speaker**
Eat First: Resilience in a VUCA World (Pre-Registration and Extra Fee Required)

12:00pm - 3:00pm, Oct 13
Workshop

Equity and Inclusion  Linking Research and Practice to Increase Impact

In the volatile, uncertain, complex, and ambiguous world we all inhabit, ensuring our physical, mental, emotional and spiritual stamina and wellbeing is a must for effective leadership. This interactive workshop explores resiliency through different lenses and invites participants to reflect and experiment with one another as we identify tools for leading with resilience. (Pre-registration and an additional fee is required for this workshop.)

Presenter

Regina Romero, Ph.D. Psychologist, Executive Coach, Independent Consultant

Environmental Civic Education: Turning Passion into Action (Pre-Registration and Extra Fee Required—FULL)

12:00pm - 3:00pm, Oct 13
Workshop

Advancing Civic Engagement and Sustainable Communities

Young people want to make a difference. You have the opportunity to prepare them to make a difference. Join Earth Force to learn how to incorporate student-led civic action into EE. This three-hour workshop will help you cultivate youth-adult partnerships and empower students to create meaningful change in their communities. (Pre-registration and an additional fee is required for this workshop.)

Presenter

Justin Zakoren Colorado Program Manager, Earth Force

Vince Meldrum (he/him/his) President/CEO, Earth Force

Speaker

Alyssa McConkey (she/her) Earth Force
The Road to NAAEE Higher Education Accreditation: A Map for Success (Pre-Registration and Extra Fee Required)

This workshop provides critical information for universities interested in becoming Accredited through NAAEE’s Distinguished College and University Program. It includes in-depth review of standards, strategies for incorporating them into curriculum, sample assessments and models from faculty members who have completed applications. (Pre-registration and an additional fee is required for this workshop.)

Presenter

Rebecca Franzen  University of Wisconsin-Stevens Point, Wisconsin Center for Environmental Education

Billy Bennett  Executive Director, Kentucky Environmental Education Council

Stewart Janes  Professor of Biology and Environmental Education, Southern Oregon University

Dorothea (Dottie) Shuman  Professor of Outdoor and Environmental Education, Montreat College

Melinda Wilder  Professor Emeritus, Eastern Kentucky University

P Born  Hamline University

Understanding and Applying Antiracist Practices in Your Work and Life (Pre-Registration and Extra Fee Required—FULL)

As the United States reckons with our legacy of racism, how can environmental educators and organizations respond? This workshop helps participants understand and apply Dr. Ibram X. Kendi’s powerful antiracist framework for addressing racism. If you are open to exploring how to create an antiracist future, this session is for you. (Pre-registration and an additional fee is required for this workshop.)

Presenter
3:30pm

**Conference Opening**

**Keynote and Plenary Sessions**

Join us for the official conference kickoff with a welcome from Parker McMullen Bushman, a land acknowledgement by Abby Ybarra, and opening comments from NAAEE Executive Director Judy Braus and conference chair Sheila Williams Ridge.

---

**Speakers**

**Judy Braus** *(she, her)* Executive Director, NAAEE

**Sheila Williams Ridge** Director, U of MN Lab School

**Albert Ybarra** Education Specialist, Project Indigenous

**Parker McMullen Bushman** CSU Extension Director, City and County of Denver, Colorado State University Extension / City and County of Denver

4:15pm

**Kick-Off Panel: Real Talk About Race, Nature, and Education**

**Keynote and Plenary Sessions**

Join us as we set the tone for the conference with a lively discussion about nature, race, and education with three talented writers, educators, and conservationists: Aimee Nezhukumatathil, J. Drew Lanham, and Audrey Peterman. All three will talk about their love for the natural world and the work we need to do to create a more equitable and sustainable future. A few lucky participants will receive copies of the authors' books!
The Environmental Education Exchange (E3) works with diverse partners to provide outreach education for a wide range of students and adults. Discover how E3 develops and implements EE programs to reach over 78,000 participants each year through hands-on and interactive presentations as well as other supplemental educational materials.

Learn about Teaching Science Outdoors—Urban Partnerships, a new professional development program that supports urban elementary teachers in learning to teach science in their own school and community spaces, bringing together culturally relevant pedagogy, place-based education, and informal outdoor education.
Hand Print: Promoting Positive Actions for Sustainable Development Goals

11:00am - 11:40am, Oct 14

Traditional Presentation

Advancing Civic Engagement and Sustainable Communities

The session will present and discuss the evolution of Handprint globally since its launch in 2007. The handprint is the symbol of, measure for, and commitment to positive action towards sustainability. Handprint also stands for caring and working together towards a sustainable future.

Contributor

Kartikeya Sarabhai  Director, Centre for Environment Education

Learning with Environmental Data and a Re-Designed FieldScope

11:00am - 11:40am, Oct 14
Learn about FieldScope, the community science platform that visualizes environmental monitoring data in ways that can be effectively used to support student learning. Join this session if you are an educator interested in data, or if you have a new or existing citizen science project that needs a digital platform.

 Presenter

 Sean O’Connor  Program Manager, Citizen Science, BSCS Science Learning

 National Parks as Places of Learning
 11:00am - 11:40am, Oct 14

 In summer 2020 The National Park Foundation completed a three year pilot program focused on enhancing middle and high school curriculum through citizen science projects at local NPS units. We will share our findings on key elements of the model identified through the pilot.

 Presenter

 Katherine Chesson  VP, Programs and Partnerships, National Park Foundation

 Oliver Goodman (he/him)  Parks as Places of Learning Consultant, National Park Foundation & National Park Service

 Science for Solutions Through Meaningful Watershed Education Experiences
 11:00am - 11:40am, Oct 14

 Building sense of place and environmental action are key goals in EE. This session explores one approach to civic engagement using the NOAA Bay Watershed Education and Training (B-WET) Meaningful Watershed Educational Experiences (MWEE) program model. This program relies on providing quality teacher professional development, student field experiences, and civic engagement as an integral part of a successful MWEE.

 Presenter

 Kris Scopinich  Director of Education, Mass Audubon
What Are We Learning About Deliberating Environmental Issues?

传统的演讲

Advancing Civic Engagement and Sustainable Communities

What do community members gain from participating in deliberative forums? As part of NAAEE's partnership with the Kettering Foundation, we've been holding deliberative forums, focusing on various local and national environmental issues. Come hear what we've been learning about forum participants' motivations, expectations, sense of efficacy, hope, and more.

Moderator

Bora Simmons  Director, National Project for Excellence in Environmental Education

Presenter

Sarah Johnson  Wild Rose Education

Linda Seals  Regional Specialized Agent, Community Resource Development, University of Florida/IFAS Extension

Martha Monroe  Professor, University of Florida

Speaker

Christine Li  University Of Missouri

Contributor

Ileana Marin  Kettering Foundation

12:00pm

An Interdisciplinary Approach to Conserving the Chesapeake
Hands-on Presentation

Conservation and Environmental Education

Learn about a place-based, interdisciplinary unit for K–12 students that examines environmental conservation through the lenses of economy, social justice, and psychology by implementing innovative, research-based pedagogical practices.

Presenter

Ariel Martinez Brumbaugh Mysa School

Blah Blah Blah Behavior Change

Symposium

Conservation and Environmental Education

Conservation behavior and action are generally well-accepted in our field but seldom truly understood. We will discuss some of the common pitfalls in behavior messaging and use a “hackathon” approach to co-create solutions based on known effective practices.

Presenter

Kathayoon Khalil Conservation Impact Manager, Oregon Zoo

Joe Heimlich COSI Sr. Director of Research, COSI Center for Resarch and Evaluation

Nicole Ardoin Emmett Family Faculty Scholar, Stanford University

Building District Leadership Capacity Through a Statewide Public-Private Partnership

Symposium

Building Leadership for Environmental Literacy

A district ecoliteracy content specialist, a county office of education STEM leader, and a nonformal leadership network convener describe the statewide public-private partnership that is acting as a backbone organization to support districts in providing equitable student access to locally relevant, civically-engaged curriculum and outdoor learning experiences.

Presenter
Communicating Climate Science: Tools to Bridge Research and Practice

📍 12:00pm - 1:00pm, Oct 14
📍 Hands-on Presentation

Equity and Inclusion  Linking Research and Practice to Increase Impact

Communicating climate science comes with many challenges. With rising eco-anxiety amidst a climate crisis, how are we building positive change? In this hands-on presentation, we will facilitate a conversation about equity and justice in climate science education and seek feedback on the tools we are co-developing with researchers and practitioners.

 Presenter

Christina Guevara  Graduate Researcher, University of Washington College of Education

Abby Rhinehart  Researcher and Informal Educator, University of Washington

Rachel Han  University of Washington College of Education

Connecting with Diverse Audiences Through Novel Data Sharing Experiences and Visualizations

📍 12:00pm - 1:00pm, Oct 14
📍 Hands-on Presentation

 Linking Research and Practice to Increase Impact

Visualizations are powerful tools to engage diverse audiences with complex data and communicate environmental messages. We will explore unique visualization techniques, interact with a 3-D interactive installation that visualizes Arizona water quality data, discuss graphical challenges for environmental science and highlight some best practices for data sharing.
Collective evaluation—multiple organizations tracking and reporting the same type of data—can tell a broader story about the impact of EE. Join us as we discuss what EE evaluators and practitioners offered as promising practices in collective evaluation and what kind of support the field needs to move forward. Come share your ideas!
Framing Solutions for Community Climate Action

12:00pm - 1:00pm, Oct 14
Hands-on Presentation

Advancing Civic Engagement and Sustainable Communities

Join National Network of Ocean and Climate Change Interpretation educators to learn how to engage your audiences with civic-oriented climate change solutions. Using strategic framing, a set of communication tools designed to get audiences to think and act productively about climate change, we will develop effective climate change solutions messaging.

Presenter

Christina Thompson (she/her) The Nature Conservancy

Amy Durham Shea Environmental Educator, Environmental Learning Center

Engage Your Students in Citizen Science with a BioBlitz

12:00pm - 1:00pm, Oct 14
Hands-on Presentation

Connecting with Nature

Join National Geographic to learn how to conduct a BioBlitz in your community. A BioBlitz focuses on finding as many species as possible in a specific area over a short period of time. Educators will learn about free resources to aid students in discovering the biodiversity in their own backyards.

Presenter

Mary Ford Director of Professional Learning, National Geographic

Chris Hines Regional Director, National Geographic Society

Supporting System-Level Change: Lessons from Three Statewide Initiatives

12:00pm - 1:00pm, Oct 14
Hands-on Presentation

Linking Research and Practice to Increase Impact

Informed by findings of landscape analyses of EE in Maine, Texas and Rhode Island, a collaborative effort is
working to build and advance the field through an equity lens. Engage with strategies and hear lessons learned from the perspective of three initiatives to understand the EE landscape in their regions.

 Presenter

 Alexandria Brasili  Research Associate, Maine Mathematics and Science Alliance

 Ruth Kermish-Allen  Executive Director, Maine Mathematics and Science Alliance

 Olivia Griset  Executive Director, Maine Environmental Education Association

 Gina LaMotte  Founder, President & Chief Innovation Officer, EcoRise

 Jeanine Silversmith  Executive Director, RIEEA

 Jaynell Nicholson  Project Manager, EcoRise

 1:00pm

 Yoga Break

 Join a relaxing yoga break, every day at 1:00! Led by experienced yoga instructor, Tara Hostnik, this session will give you a chance to take a breath, stretch your body, and view beautiful scenery.

 Tara received her RYT200hr on the Big Island of Hawaii in 2014 through Peak Beings and has since taught classes, guided yoga retreats, and assisted yoga teacher training in Sequoia and Kings Canyon National Parks, Lake Tahoe, Bali, and Hawaii. Tara has also been an outdoor and environmental educator throughout California and connecting people to nature is a theme you will find in her classes. Her classes incorporate aspects of vinyasa, hatha, yin, and ashtanga and are meant for all levels. Beginners are her favorite to teach so give her a try regardless of your experience!

 Presenter

 Tara Hostnik

 1:30pm
Adapting to Change: How Affiliates Worked Together During COVID-19

1:30pm - 2:10pm, Oct 14
Traditional Presentation

**Affiliates** Building Leadership for Environmental Literacy

Many of us never imagined that as Affiliate leaders we would need to navigate through a global pandemic. We have all had to adapt to change and deal with a crisis in a whole new way. We’ll talk about lessons learned and some outcomes of working in our states and as an Affiliate network during the coronavirus pandemic.

 Presenter

Alex Porpora  Executive Director, Utah Society for Environmental Education

Lauren Pyle  Executive Director, Environmental Educators of North Carolina

Building Community Resilience to Climate Change Through K–12 and Informal Education

1:30pm - 2:10pm, Oct 14
Traditional Presentation

**Advancing Civic Engagement and Sustainable Communities**

NOAA's Environmental Literacy Program supports formal and informal education projects that teach children, youth, and adults how to help their communities become more resilient to climate change. We will present our theory of change for resilience education and discuss lessons learned from four years of projects.

 Presenter

Sarah Schoedinger  Senior Education Program Manager, NOAA Office of Education

Genie Bey  Environmental Protection Specialist, DC Department of Energy & Environment

Carrie McDougall  Senior Program Manager, NOAA Office of Education

Creating Structures Supporting Environmental Youth Leadership Development and Civic Engagement

1:30pm - 2:10pm, Oct 14
Traditional Presentation

**Building Leadership for Environmental Literacy**

The Maine Environmental Changemakers Network, a statewide youth-led network working at the
intersection of justice and the environment, creates opportunities for youth to be civically engaged. Explore lessons learned building youth power, centering youth in a just transition, and equipping peers with the knowledge and skills to make positive change.

**Presenter**

**Olivia Griset** Executive Director, Maine Environmental Education Association

**Nyaruot Nguany**

**Paige Nygaard** MEEA

---

**Development of an Environmental Educator Certification Program**

**1:30pm - 2:10pm, Oct 14**

**Traditional Presentation**

**Conservation and Environmental Education**

This presentation will focus on strategies for engaging educators in becoming leaders in environmental education. Presenters will include a discussion of the development of an EE certification course based on work within the Maryland Association for Environmental and Outdoor Education in partnership with a local university.

**Presenter**

**Juliann Dupuis** Notre Dame of Maryland University

**Sarah Haines** Professor, Biology & Science Education, Towson University

**Bart Merrick** Education Coordinator, NOAA

**Elena Takaki** Director, Project WILD/Interim Director Management Assistance Team, Association Of Fish & Wildlife Agencies

---

**Spiritual Development, Nature, and Play: Pedagogy for a Healthier World**

**1:30pm - 2:10pm, Oct 14**

**Traditional Presentation**
Connecting with Nature

Spiritual development in young children is defined as self-awareness, wonder, and empathy. Participants will learn about and experience a pedagogy that integrates spiritual development, play, and nature in order to promote equity and inclusion for a better world and a healthier human race.

 Presenter

Deborah Schein instructor, Champlain College

What Leads to Better Outcomes?

1:30pm - 2:10pm, Oct 14
Traditional Presentation

Linking Research and Practice to Increase Impact

During this interactive presentation, we will share in depth results from a nationwide research project investigating which programmatic elements leads to more successful student outcomes in environmental education field trip programs for middle school students across the United States.

 Presenter

(Bob) Powell George B. Hartzog, Jr. Endowed Professor, Clemson University

Marc J. Stern Professor, Virginia Tech

Troy Frensley University of North Carolina at Wilmington

2:30pm

2020 to 2040: Achieving Our Visions for EE

2:30pm - 3:10pm, Oct 14
Roundtable Discussion

Linking Research and Practice to Increase Impact

EE thought leaders, practitioners, and researchers prioritized issues for EE to address in the next twenty years and identified mechanisms for resolving them. This session will take attendees twenty years into the future to consider how the actions we take between 2020 and 2040 may shape the field of EE.

 Contributor

Martha Monroe Professor, University of Florida
A Leadership Framework for the Field of EE
2:30pm - 3:10pm, Oct 14
Roundtable Discussion
Building Leadership for Environmental Literacy ee360 Young Professionals

Which leadership programs have the greatest impact for EE? What leadership skills and qualities are the most meaningful? Join us as we discuss a variety of leadership and training models, including EE 30 Under 30 and ee360, and provide feedback on a draft leadership framework for the field of EE.

All the Dirt for Engaging Girls Outdoors
2:30pm - 3:10pm, Oct 14
Roundtable Discussion
Connecting with Nature

After two years leading a successful after school program called Dirt Girls, parents at school asked, "But what about the boys." This session will engage participants in discussion of empowerment approaches and equity stances to program development in the increasingly gender neutral 21st century.
Creating EE Online: Making EE Engaging in the Digital World

Teaching EE typically involves teaching outdoors using activities to create connections between students and the environment. Online EE teaching creates challenges to these connections. In addition, equity and inclusion are essential components in this teaching platform. Come share ideas with other educators on how to create meaningful EE curricula online.

**Presenter**

Dr. Jeanine Huss  Professor, Western Kentucky University

Lee Frankel-Goldwater  University of Colorado, Boulder

Yash Bhagwanji  Florida Atlantic University

Bryan Nichols  Florida Atlantic University

Alexandra Rhue  Natural Resources Adjunct Instructor, Hocking College

Rebecca Thomas  Slippery Rock University

Culturally Responsive Teaching in Nature

Come join a conversation about culturally responsive teaching in environmental education. Learn what one graduate environmental education cohort and faculty have considered as they plan, implement, and assess connecting students with nature. See the resources utilized, the challenges overcome, and engage in conversations about the questions that still linger.
Empowering Teens to Community Action: Sparking Change Locally and Nationally
2:30pm - 3:10pm, Oct 14
Roundtable Discussion

Advancing Civic Engagement and Sustainable Communities
Equity and Inclusion

What are effective strategies for engaging youth and channeling their passion for environment and climate issues into community action? How do we nuance strategies when collaborating with students from different socio-economic backgrounds in urban and rural environments, Native communities, or those with disabilities, or for whom English is a second language?

K-12/Higher Education Partnerships for EE and Green Schools
2:30pm - 3:10pm, Oct 14
Roundtable Discussion

Green Schools, Universities, and Vocational Institutions

Calling K-12 educators and administrators: What do you need from higher education partners to help you establish EE and Green Schools initiatives? A roundtable discussion will help us unpack some of the barriers to EE/Green Schools that are preventing us from creating win-win-wins for universities, K-12 schools, and sustainability.

Oregon Outdoor School: Instructional Resource Self-Evaluation Tool—We Share,
You Adapt
Date: 2:30pm - 3:10pm, Oct 14
Type: Roundtable Discussion

**Equity and Inclusion**
**Linking Research and Practice to Increase Impact**

We share a self-evaluation tool designed to support review, development and improvement of the range of instructional resources that make up curriculum used in Oregon's outdoor school programs. The tool covers culturally responsive contexts for learning, content integration and instruction. Discuss adaptation/application for your programs or settings.

**Presenter**

Kristi Backe Oregon State University Extension - Outdoor School

Steven Braun eeRISE LLC

3:10pm

**Music and Poetry Break**
Date: 3:10pm - 3:30pm, Oct 14

Listen to music and hear poetry at 3:10 each day! On Wednesday, you can listen to music by Kevin Chang and his band, focused on Kupa`aina's style, which is about love and respect for traditional Hawaiian music and the people and culture(s) of Hawai`i. On Thursday, you can hear from Billy Brennan, a well-known environmental education singer and writer, who will perform some of his original songs. And on Friday, you'll get to hear music by EE 30 Under 30 alumni Charles Orgbon, poet Aimee Nezhukumatathil reading her own work, *When You Are Near I Turn Into a Baja Fairyduster*, and Astronaut Leland Melvin reading "The Chilean Forest," a poem by Pablo Neruda.

**Presenter**

Kevin Chang and Kupa`aina

4:00pm

**How to Be an Antiracist (Session recording has expired)**
Date: 4:00pm - 5:00pm, Oct 14

After short comments by NAAEE Board Chair Charlotte Clark and Executive Director Judy Braus, Dr. Ibram X. Kendi, author and historian, will share a new frame on what it means to be an antiracist, the implications for our field, and how we can all play a role in creating an antiracist society. A few lucky participants will receive a copy of his most recent book, *How to Be An Antiracist*. In a session following the presentation, five panelists will reflect on Dr. Kendi's talk and the implications for our field.

**Moderator**
Cities Connecting Children to Nature: A Baltimore, Maryland Case Study

Access to nature is an issue of equity and justice, and can be a vehicle for combatting systemic disparities that run along socioeconomic and racial lines. This session will discuss Baltimore's Cities Connecting Children to Nature (CCCN) Initiative and will outline past achievements, future goals, and the means by which this work can be replicated elsewhere.

Presenter

Anika Richter Youth Sustainability Coordinator, Baltimore Office of Sustainability
Andrea van Wyk Conservation Project Manager, National Aquarium, Cities Connecting Children to Nature

Cli-Fi, Dystopia, and Nut Bowl: Sustainability Through Literature and Simulation

Try out the new version of the Project WILD activity "Sustainability: Then, Now, Later." In this two-part activity, participants first simulate the sharing (or hoarding) of natural resources and then analyze first-person narratives reflecting lifestyles of various time periods in order to write their own vision of a sustainable future.

Presenter

Marc LeFebre Program Manager, Project WILD/AFWA
Collaborative Approaches to Integrating NGSS into Formal and Nonformal Education

Nonformal environmental educators now have an unprecedented opportunity to influence science instruction by collaborating with teachers to integrate outdoor learning into traditional public and private school curriculum. Doing so will improve students' understanding of the natural world and ultimately inspire them to see themselves as part of it.

Presenter

Kerry Schwartz Arizona Project WET

Conservation Challenge: 10,000 Hours of Conservation to Engage Student Land Stewards

We will discuss Upham Woods Outdoor Learning Center's pledge to invest 10,000 hours of conservation service into the landscape by the end of 2020. Hundreds of youth have participated in thousands of hours of service-learning opportunities so far through collaborations with schools and local conservation groups.

Presenter

Justin Hougham Associate Professor, University of Wisconsin-Madison

Isabelle Herde Program Director, University of Wisconsin/Upham Woods

Zoe Goodrow Research Specialist, University of Wisconsin-Madison, Upham Woods Outdoor Learning Center

EE Advocacy Tools and Trends

NAAEE and partner organizations have developed tools to make it easier to advocate for environmental education at the local, state, and federal level. In this session, we'll introduce those tools, cover some advocacy basics, and take a look at policy priorities and emergent opportunities in 2021.

Presenter
Mutual Flourishing: Hosting a RAY Fellow

5:15pm - 5:55pm, Oct 14

In our effort to increase racial diversity in the environmental field, Point Blue Conservation Science is proud to partner with the Roger Arliner Young (RAY) Diversity Fellowship Program, which empowers recent college graduates to be environmental leaders. Learn more about the RAY Program and how you can host a RAY Fellow.

Additional Resource: The Little-Known Life of the First African American Female Zoologist

 Presenter

Gina Graziano Education Coordinator, Point Blue Conservation Science

Alba Estrada López Conservation Educator, Point Blue Conservation Science

Reflections on Dr. Kendi's Keynote

5:15pm - 5:55pm, Oct 14

Five panelists will reflect on Dr. Kendi's talk and the implications for our field.

 Presenter

Mike Brooks Founder, Brooks Consulting

Leonard Curry Founder & CEO, Leonard Curry Consulting, LLC

Jaime González The Nature Conservancy

Olivia Griset Executive Director, Maine Environmental Education Association
Sheila Williams Ridge  Director, U of MN Lab School

Social and Emotional Learning for Adults: Incorporating Research into Practice  
5:15pm - 5:55pm, Oct 14  
Traditional Presentation

Social and emotional learning (SEL) is a hot topic in our nation's schools and afterschool programs. In this session we will explore the dominant frameworks, determine the intersections with the field of EE, and identify opportunities to apply the lessons learned for supporting youth to adults: ourselves!

 Presenter

Estrella Risinger  Executive Director, California Association for Environmental and Outdoor Education

Teaching Empathy Through Nature: Creating Social and Emotional Connections 
5:15pm - 5:55pm, Oct 14  
Traditional Presentation

Florida Atlantic University Pine Jog's Teaching Empathy Through Nature combines social and emotional learning (SEL) with nature-based activities to foster children's emotional connection with the natural world. Participants will experience hands-on SEL activities, resources and lessons learned will be shared, and program replicability will be explored.

 Presenter

Anne Henderson  Director of Education, Pine Jog Environmental Education Center

Christopher Hill  Director of Operations, FAU Pine Jog Environmental Education Center

Ashley Schorr  Graduate Assistant, FAU Pine Jog Environmental Education Center

Josephine Story  Graduate Teaching Assistant, Pine Jog Environmental Education Center

5:55pm
The Beauty of Biodiversity Break
5:55pm - 6:15pm, Oct 14
Enjoy relaxing music coupled with stunning Gerry Ellis photographs from around the world. Give your mind a break and just enjoy the beauty of biodiversity.
Photos courtesy of Gerry Ellis, Executive Director of GLOBIO, a nonprofit organization dedicated to conservation and education. Gerry is also a talented nature photographer (as you'll see) and dedicated conservationist.

Photographer
Gerry Ellis GLOBIO

6:15pm

Building Capacity, Momentum, and a Culture of Climate Action in the United States
6:15pm - 6:55pm, Oct 14
Leaders from across the United States are building a collaborative framework to guide completion of a US strategic plan for Action for Climate Empowerment. An ACE national strategy will align resources; increase sustained investments; promote evidence-based, participatory decision making; and disrupt historic inequities to accelerate our transition to a low-carbon society.

Presenter
Frank Niepold NOAA Climate Program Office
Billy Spitzer National Network for Ocean and Climate Change Interpretation

Cities of Opportunities: K–12 Systems-Based Urban Resiliency Education
6:15pm - 6:55pm, Oct 14
This presentation will highlight lessons learned from the global piloting of a systems-based method for culture and resource based analysis of human settlement. Aligned to the United Nations Sustainable Development Goals and K–12 standards, results show ways to encourage creative innovation around the human impact on nature and our relationship with sustainability.

Presenter
Maureen Ferry Founder, HouseStories Inc
Connecting Students to the Environment Through Virtual Reality

In today's urbanized world, the ideal of taking children into the environment to foster connections may not always be possible. We describe how we used virtual reality to trial and evaluate giving children "immersive" underwater experiences to enhance learning about marine conservation and scientific observation.

Presenter

Chris Eames  University Of Waikato

Empowerment for Sustainability Dialogues: Incorporating "Nonviolent Communication (NVC)" in EE

How can environmental education empower people to engage in true dialogues, an essential basis for creating sustainable, resilient, and equitable communities? You will experience hands-on activities designed for such empowerment with the concepts and methods of "Nonviolent Communication (NVC)" before discussing how we can further develop EE for dialogues.

Presenter

Sachi Ninomiya-Lim  Associate Professor, Tokai University
Makiko Imai  yukikazet inc.

Leading Together: Partnerships for Green Schools in Under-Resourced Communities

How can principles of participation and transformative education support the design and utilization of outdoor classrooms as sites for sustainability and environmental literacy? This presentation showcases a middle-school-university partnership in which students collaborate to plan, develop, and implement projects in an under-resourced, culturally diverse school in California's central coast.

Presenter
7:00pm

**A Night of Networking**

7:00pm - 9:00pm, Oct 14

**Exhibit Hall Expedition**

Fill your Exhibit Passport on your whirlwind tour of the virtual exhibit hall. Enjoy live chat with exhibitors and NAAEE Affiliates and discover new EE products and services, and learn what’s happening in your state or province! Earn stamps by signing up for deals and offers, posting comments, and liking booths. The person who collects the most stamps during this one-hour event will win a free registration to NAAEE’s 2021 conference! In the case of a tie, one winner will be selected at random from among those eligible.

- Join the expedition on the [Exhibitor Hub >](#)

**Team Trivia Contest**

After the expedition, test your knowledge with a hilarious and engaging virtual team trivia contest!

Professional emcees from [TrivWorks](#) test your knowledge in an epic battle of pop culture and general knowledge trivia via Zoom, tailored just for us. *(Limited to the first 500 participants.)*

- Read the trivia contest guide here >
- JOIN at 8:00 PM ET here >

Contest winners will receive the “Celebrate the Beauty of Biodiversity” 2021 wall calendar!

---

Thu, Oct 15, 2020

11:00am

**Build Capacity For Programming In Your Community with EPA's EnviroAtlas**

11:00am - 11:40am, Oct 15

Traditional Presentation

Building Leadership for Environmental Literacy

Equity and Inclusion

No two visitors to your program are alike. Visitors are diverse, and experience barriers to attendance. Learn how to use EPA’s EnviroAtlas to explore your community, population data, and options for pivoting your programs to better meet community needs. Come with a laptop; leave with maps made just for you.

**Presenter**

Jenna Hartley  PhD Student and ORISE Participant, NC State University and ORISE/US Environmental Protection Agency

**Collaborating for Success: Integrating Ocean Experiential Learning into Teacher Education**

11:00am - 11:40am, Oct 15

Traditional Presentation

Building Leadership for Environmental Literacy

In the province of Newfoundland and Labrador on Canada’s east coast, community and educational leaders
are partnering to integrate experiential learning about the ocean into teacher education, creating systemic program changes at all levels of the education system: university, school districts and provincial department of education. This pioneering initiative is led by the Oceans Learning Partnership.

 Presenter

Laura Estrada  Senior Science Educator, Oceans Learning Partnership

Dr. Ross Elliott  Educational Consultant, Oceans Learning Partnership

Creating a Community-Based EE Coalition Using the NAAEE Guidelines

11:00am - 11:40am, Oct 15  
Traditional Presentation

NAAEE's Guidelines for Excellence series addition dealing with "Community Engagement" is being used to discover and strengthen connections between a variety of community organizations in south central Kentucky. The guidelines have led to the creation of a community engagement coalition that is promoting and developing environmental education in new ways.

 Presenter

Terry Wilson  Western Kentucky University

Dr. Jeanine Huss  Professor, Western Kentucky University

EE 30 Under 30 Changemaker Grants: Showcasing Adaptive Leadership

11:00am - 11:40am, Oct 15  
Traditional Presentation

Join our EE 30 Under 30 Changemaker grantees as they share about their work shaping resilient communities, building low-carbon economies, and protecting and restoring ecosystems through environmental education. Three grantees will share their stories and experiences from across the globe, including their adaptive leadership during the COVID-19 pandemic.

 Presenter

Adedoyin Adeleke  Founder & Executive Director, International Support Network for African Development
Get to Know Projects WET, WILD, and Learning Tree!

Have you heard of Project WET, Project Learning Tree, and Project WILD? Maybe you've heard the names but are unfamiliar with the programs or materials. Learn about how these tried-and-true EE programs can help you achieve your goals. Get your questions answered in this “Primer on the Projects.”

Presenter

Kelly Reynolds  Project WILD Program Manager, Project WILD - AFWA

Esther Cowles  Project Learning Tree

Julia Beck  Vice-president of Networks, Project WET, Project WET Foundation

Pollinators for Schools, Local Governments, and Universities

This session showcases the county-wide project to establish pollinator gardens in twenty K-12 schools and Bee City/Bee Campus designations for the two city governments and two universities in Madison County, Kentucky. We will illustrate the importance of community partnerships to achieve community-wide support for the Kentucky Pollinator Protection Plan

Presenter
Reopening Outside: Early Childhood Programs Taking Learning Outdoors

11:00am - 11:40am, Oct 15
Traditional Presentation

Connecting with Nature

Schools worldwide are responding to COVID by moving classrooms outdoors for part or even all of the day, including early childhood programs. We’ll explore some of the approaches and recommendations from Natural Start Alliance members, consider some of the common challenges programs must address, and discuss questions and examples.

Presenter

Christy Merrick  NAAEE

Kit Harrington  Policy and Professional Training Specialist, Natural Start Alliance, NAAEE

The Art of Planning and Facilitating Educational Field Excursions

11:00am - 11:40am, Oct 15
Traditional Presentation

Conservation and Environmental Education  Young Professionals

This interactive session will present successful ways to plan and facilitate interpretive hikes and field trips using a model that includes context, concepts, and connections. Participants will identify common mistakes and best practices related planning field excursions and apply the information to a trip of their own design.

Presenter

Brad Daniel  Executive Director, 2nd Nature TREC (Training, Research, Education, Consulting)

Building GreenFutures: Climate Change Resiliency and Literacy from Classroom to Community

12:00pm - 1:00pm, Oct 15
Symposium

Green Schools, Universities, and Vocational Institutions

GreenFutures, the School District of Philadelphia's Sustainability Program, leads educational and community organizations toward the common goal of inspiring educators and engaging students through meaningful content and student-centered instruction, in order to build a future in which they can thrive. Session participants will explore tools, resources, and methodologies utilized by GreenFutures.

Moderator
Tamara Peffer  PA Department of Education

Ellen Schultz  Director of Education Partnerships, Fairmount Water Works

Holly Gallagher  Senior Manager, Education and Community Conservation, National Wildlife Federation

Megan Garner  Sustainability Manager, The School District of Philadelphia

Evaluation Clinic

12:00pm - 1:00pm, Oct 15

Special Session

Linking Research and Practice to Increase Impact

Interested in learning more about evaluation? Bring your questions to this interactive workshop! We will follow up on evaluation topics introduced throughout the conference (e.g., collective evaluation, culturally responsive evaluation, art-based or embedded evaluation) and answer any other questions you have about evaluation, including those specific to your program.

Kathryn Stevenson  Assistant Professor, NC State University

Steven Braun  eeRISE LLC

Dave Chase  DRC Consulting, LLC

Charlotte Clark  Assistant Professor of the Practice, Duke University
Growing Future Forest and Conservation Leaders with Green Jobs

12:00pm - 1:00pm, Oct 15
Hands-on Presentation

Green Schools, Universities, and Vocational Institutions

Receive an introduction to Project Learning Tree's (PLT) new Green Jobs: Exploring Forest Careers Guide for formal and nonformal educators working with students aged 12-25. The guide provides engaging, hands-on activities to introduce students to forest careers. Participants receive a digital copy of PLT's Green Jobs Exploring Forest Careers curriculum.

Presenter

Ana Leirner (she/her) Manager, Professional Development and Instructional Design, Project Learning Tree / Sustainable Forestry Initiative

Rachel Lang Project Learning Tree

Helping State Education Agencies See the Green

12:00pm - 1:00pm, Oct 15
Symposium

Green Schools, Universities, and Vocational Institutions

U.S. Department of Education Green Ribbon Schools (ED-GRS) can be used as a hook to engage state education agencies in environmental learning and sustainable practices, as well as to facilitate communication across silos. Learn how you can help better equip your state government to advance your environmental education aims.
Inviting Indigenous Youth into Green Career Pathways

Green careers are for everyone. However, systemic barriers to exploration and success exist for many, including Indigenous Peoples. PLT Canada has witnessed the power of co-creating pathways for green career exploration alongside Indigenous youth and communities. By actively listening, learning and co-creating, we can invite Indigenous youth into the conversation.

Presenter

Paul Robitaille  Project Learning Tree Canada

Nature is Lit! Engaging Youth Through Cultural Relevance

The U.S. Fish and Wildlife Service invites you to learn how culturally relevant, student-centered teaching creates empowered learners through their flagship education program Philly Nature Kids. Discover how inquiry investigations, positive discipline strategies, and relatable role models encourage every student to see themselves in nature.

Presenter

No Child Left Indoors: Digital Tool for Youth Nature Education

12:00pm - 1:00pm, Oct 15

Hands-on Presentation

Join us for an exploration of Seek by iNaturalist, a free nature identification app designed to counter the decline of outdoor time by encouraging children and their families to get out and find local plants and animals; build observation skills; participate in citizen science; and increase their natural history knowledge.

Presenter
Scott Loarie HHMI

Yoga Break
1:00pm - 1:20pm, Oct 15

Join a relaxing yoga break, every day at 1:00! Led by experienced yoga instructor, Tara Hostnik, this session will give you a chance to take a breath, stretch your body, and view beautiful scenery.

Tara received her RYT200hr on the Big Island of Hawaii in 2014 through Peak Beings and has since taught classes, guided yoga retreats, and assisted yoga teacher training in Sequoia and Kings Canyon National Parks, Lake Tahoe, Bali, and Hawaii. Tara has also been an outdoor and environmental educator throughout California and connecting people to nature is a theme you will find in her classes. Her classes incorporate aspects of vinyasa, hatha, yin, and ashtanga and are meant for all levels. Beginners are her favorite to teach so give her a try regardless of your experience!

Presenter
Tara Hostnik

BMPs on School Grounds for Watershed Health and Learning
1:30pm - 2:10pm, Oct 15

Traditional Presentation
Green Schools, Universities, and Vocational Institutions

Learn about Best Management Practices (BMP) research being done on school grounds and observe a demonstration of the Model My Watershed application to know which BMPs would be most effective in reducing stormwater runoff, nutrients, and sediment at your school.

Contributor

Tara Muenz Stroud Water Research Center

Carolyn Staudt Concord Consortium

Presenter

Steve Kerlin Director of Environmental Education, Stroud Water Research Center

David Kline Watershed Education Specialist, Stroud Water Research Center - Avondale, PA

Nanette Marcum-Dietrich Professor, Millersville University of Pennsylvania

EE in the Time of COVID-19

1:30pm - 2:10pm, Oct 15

Traditional Presentation

Conservation and Environmental Education

During the COVID-19 isolation, the National Conservation Training Center adapted its popular "NCTC Eaglecam" webcame to include weekly Facebook Live sessions. We'll describe the process, challenges, and outcomes of this EE/citizen science experiment in providing EE online to educators and learners while gathering valuable information for scientists.

Presenter


Randy Robinson USFWS
Incorporating Humanities into Science and Technology Interpretation at the National Park Service
1:30pm - 2:10pm, Oct 15
Traditional Presentation

The Mellon Humanity Fellowship Program introduces civil rights, gender and labor history to National Parks typically engaged in science storytelling. By conducting facilitated dialogues for staff, Humanities Fellows tackle biases and obstacles to change. Go backstage with this novel initiative to discover why fostering humanities-inclusive park interpretation matters.

Presenter
Karen Lee National Park Foundation

Incorporating Yoga and Mindfulness in EE Programs for All Ages
1:30pm - 2:10pm, Oct 15
Traditional Presentation

Incorporating mindfulness practices into outdoor programs helps students of all ages connect to nature through positive experiences of being present in time and place. This presentation will discuss research highlighting the benefits of mindfulness in nature for human well-being, provide opportunities to experience select practices, and share additional resources.

Presenter
Alison Zak (she/her) Education Associate, The Clifton Institute

Preservice Educator Certification Programs Stimulate a Love of Nature
1:30pm - 2:10pm, Oct 15
Traditional Presentation

Undergraduate preservice teachers earned certifications as Early Childhood Environmental Educators. These educators acquired knowledge of Science, Environmental Education, Discovery and Synthesis—the SEEDS—needed to teach about the natural world to the very young. This presentation shares program activities and triumphs (and trials) to positively teach early childhood about nature.

Presenter
Julia Robinson Center Director and Museum Educator and Senior Project Manager for Hefner Museum, Cecilia Berg Center for Environmental Education, Director/Hefner Museum of Natural History, Museum Educator and Senior Project
Rethink Outside: Controlling Your Narrative Now and Post-Pandemic

Who determines the narrative about the pandemic’s impacts on environmental education and the vision of what comes next? Learn how to take control of this narrative now to chart a course toward a more inclusive and just future for people and nature.

Presenter

Anupama Joshi  Executive Director, Blue Sky Funders Forum

Christina James  Program Manager, Blue Sky Funders Forum

Where are the Early Childhood Environmental Education Teacher Competencies?

Current early childhood education systems do not substantively address teacher competencies in teaching children through environmental education. Issues in current systems and teacher competency requirements, as well as significant health and learning issues evidenced in children, serve as contexts for sharing and discussing needed systems changes and teacher competency requirements.

Presenter

Yash Bhagwanji  Florida Atlantic University

2:30pm

Advancing Aquaculture Education Through Environmental Literacy

Domestic aquaculture is a rapidly growing industry. In this interactive roundtable discussion, NOAA's Office of Education will facilitate a conversation on how to build partnerships that enhance aquaculture literacy. Join us for this unique opportunity to engage in an interdisciplinary dialogue to strengthen coalitions for inclusive aquaculture education.

Presenter
Civics Bookclub: An Interactive Review
⏰ 2:30pm - 3:10pm, Oct 15
Roundtable Discussion
Advancing Civic Engagement and Sustainable Communities

Join us for this civics “book club” style roundtable where we will discuss articles on youth-led civics (given to participants prior) and then link this research to practical implementations. Our goal is to offer participants research-resources to increase civic engagement and action in environmental education.

 Presenter

Alyssa McConkey (she/her) Earth Force
Vince Meldrum (he/him/his) President/CEO, Earth Force

Inclusion: Stepping Stones and Stumbling Blocks for Progress
⏰ 2:30pm - 3:10pm, Oct 15
Roundtable Discussion
Building Leadership for Environmental Literacy
Equity and Inclusion

We know inclusion and equity are important. But how do we actually make our groups more inclusive? What are the first steps? Come learn about what the Environmental Volunteers have done in our first steps and share experiences and resources with others so we can all make more progress.

 Presenter
Making Environmental Education Gender Inclusive

2:30pm - 3:10pm, Oct 15
Roundtable Discussion

People identify and express themselves across a gender spectrum. It is important for environmental educators to have the toolbox to teach in open and accepting ways. Come learn how to be more gender inclusive in environmental education!

Presenter

Abigail Decker Undergraduate Student, Elon University

Scott Morrison Elon University

NAAEE Fundraising Coaching

2:30pm - 3:10pm, Oct 15
Roundtable Discussion

How do I start conversations that lead to bigger gifts? How can I get my board members more engaged in fundraising? Is this project right for corporate or foundation support? Am I doing ANY of this right? Whether you’re new to fundraising or a seasoned professional, bring your questions to NAAEE’s fundraising roundtables.

Presenter

Lea Harvey Founder, LLH Strategy Advisors, LLC

Krishna Roy Consultant

Service Learning in Undergraduate Environmental Justice: Inspiring Change Through Authentic Partnerships

2:30pm - 3:10pm, Oct 15
Roundtable Discussion

Advancing Civic Engagement and Sustainable Communities

People identify and express themselves across a gender spectrum. It is important for environmental educators to have the toolbox to teach in open and accepting ways. Come learn how to be more gender inclusive in environmental education!

Presenter

Abigail Decker Undergraduate Student, Elon University

Scott Morrison Elon University

NAAEE Fundraising Coaching

2:30pm - 3:10pm, Oct 15
Roundtable Discussion

How do I start conversations that lead to bigger gifts? How can I get my board members more engaged in fundraising? Is this project right for corporate or foundation support? Am I doing ANY of this right? Whether you’re new to fundraising or a seasoned professional, bring your questions to NAAEE’s fundraising roundtables.

Presenter

Lea Harvey Founder, LLH Strategy Advisors, LLC

Krishna Roy Consultant
Service-based environmental education is a strong way to connect undergraduate pedagogy with authentic civic engagement. In my discussion, I present how service-learning scaffolded around environmental justice is furthermore uniquely primed as a connection point between culturally relevant pedagogy and equity-oriented environmental practice, inspiring change in both undergraduate learners and their community partners.

 Presenter

**JuanMiguel Arias** (he/él) Postdoctoral Scholar, Colorado College

---

**Shaping Our "Obligation"—The Case of Local Governments**

**2:30pm - 3:10pm, Oct 15**  
**Roundtable Discussion: Building Leadership for Environmental Literacy**

Eighty years ago, Aldo Leopold suggested that without obligation an ethical commitment to the land will fade away. How often do we use "obligation" terminology when speaking of EE vs softer language, and what can be the implications of that in a decision-making process?

 Presenter

**Naama Sadan** Visiting PhD Student, University of California, Berkeley

---

**The Best of What Is: Appreciative Inquiry and Asset Mapping 101**

**2:30pm - 3:10pm, Oct 15**  
**Roundtable Discussion: Building Leadership for Environmental Literacy ee360**

Appreciative inquiry and asset mapping leverage organizational, individual and/or community strengths as a starting place to inform strategic directions, personal growth, and inclusive solutions. Come share your stories and learn about these strengths-based tools highlighted in the NAAEE Community Engagement: Guidelines for Excellence.

 Contributor

**Cynthia Espinosa Marrero** ee360

**Anne Umali** Director of Professional Development, ee360 Project Manager, NAAEE

 Presenter
3:10pm

Music and Poetry Break

Listen to music and hear poetry at 3:10 each day! On Wednesday, you can listen to music by Kevin Chang and his band, focused on Kupaʻāina's style, which is about love and respect for traditional Hawaiian music and the people and culture(s) of Hawaiʻi. On Thursday, you can hear from Billy Brennan, a well-known environmental education singer and writer, who will perform some of his original songs. Check out his YouTube channel, too! And on Friday, you'll get to hear music by EE 30 Under 30 alumni Charles Orgbon, poet Aimee Nezhukumatathil reading her own work, When You Are Near I Turn Into a Baja Fairyduster, and Astronaut Leland Melvin reading "The Chilean Forest," a poem by Pablo Neruda.

3:30pm

A Conversation with Dr. Ayana Elizabeth Johnson: Ocean Conservation, Climate Justice, and Education (Session recording has expired.)

Dr. Ayana Elizabeth Johnson, a marine biologist, author, and policy expert, and founder of the Ocean Collectiv, will talk with NAAEE board member Danni Washington about the intersection of ocean
conservation, education, and climate justice, and how we can all play a role in grounding social justice in our work. A few lucky participants will receive a copy of Ayana's newest book, *All We Can Save: Truth, Courage, and Solutions for the Climate Crisis*.

**Moderator**

Danni Washington  The Big Blue & You

**Introduction**

Jason Morris  Senior Program Officer, Environmental Education, Pisces Foundation

**Introductions**

Russell Smith  Member of the Board of Directors, The Ocean Foundation

**Speaker**

Ayana Elizabeth Johnson  Urban Ocean Lab and Ocean Collectiv

**5:15pm**

**Educating for Action: How Do We Help Children Lessen Impact?**

5:15pm - 5:55pm, Oct 15  
Traditional Presentation

Conservation and Environmental Education  Equity and Inclusion

Earthkeepers is a magical learning adventure developed by The Institute for Earth Education to help young people (9-11 years) live more harmoniously and joyously with the earth. We will share specific techniques and qualities that enable that to happen, as well as its impact on understanding, values/attitudes, and actions.

**Presenter**

Bruce Johnson  Dean, College of Education; Director, Earth Education Research & Evaluation Team, University of Arizona
Environmental Educators As Advocates: If Not Us, Then Who?
5:15pm - 5:55pm, Oct 15
Traditional Presentation

*Affiliates* Building Leadership for Environmental Literacy

Learn how to start advocating for environmental education at the state level from the Rhode Island Environmental Education Association. Share and discuss first steps that an EE organization or Affiliate can take to have meaningful conversations about EE with elected officials and simple actions to promote sound environmental education legislation on a state level.

**Presenter**

Jeanine Silversmith Executive Director, RIEEA

Half-Earth Hummingbirds: A Guided Conservation Inquiry
5:15pm - 5:55pm, Oct 15
Traditional Presentation

Conservation and Environmental Education

The Half-Earth Project of the E.O. Wilson Biodiversity Foundation has developed a digital globe that maps our planet’s precious biodiversity, human impacts on the landscape, and existing lands and waters protected for biodiversity. See how to use this map to explore charismatic species like hummingbirds to complement experiential learning.

**Presenter**

Dennis Liu Vice President of Education, E. O. Wilson Biodiversity Foundation

CANCELLED: Increasing Advocacy and Empathy with Children in Nature
5:15pm - 5:55pm, Oct 15
Traditional Presentation

Connecting with Nature

Explore how to inspire conservation action, while connecting children with the natural world. Discover how slowing down and helping children connect with each other, in natural spaces, can foster social and emotional growth that can lead to citizens that are more concerned about the environment and engaged in conservation issues.
Increasing EE Capacity Through AmeriCorps

5:15pm - 5:55pm, Oct 15

Traditional Presentation

**Building Leadership for Environmental Literacy**  **Young Professionals**

Increase the capacity for your organization to provide quality environmental education by developing an EE stewardship focused AmeriCorps program. This session will provide participants with an example of such programs, the partnerships that make them work, and the benefits and challenges of beginning an EE-based AmeriCorps program. An interactive time for questions will follow.

---

Measuring the Environmental Impact of a Statewide Green Schools Program

5:15pm - 5:55pm, Oct 15

Traditional Presentation

**Green Schools, Universities, and Vocational Institutions**

What is the environmental impact of Green Schools programs? Do these programs positively impact the environment? Are they the agents of change we hope for them to be from an environmental standpoint? Come hear what we learned about the Maryland Green Schools program when we quantified the program's environmental impact.

---

Presenter

**Laura Seger** Saint Louis Zoo

**Billy Bennett** Executive Director, Kentucky Environmental Education Council

**Ashley Mike** KEEC

**Kat Riley** AmeriCorps Program Coordinator, Colorado Alliance for Environmental Education

**Sarah Haines** Professor, Biology & Science Education, Towson University

**Ayla McDonough** Towson University
Outdoor School for All! Oregon’s Legislative Promise, Program, and Outcomes

5:15pm - 5:55pm, Oct 15

Traditional Presentation

Linking Research and Practice to Increase Impact

Oregon's legislative charge, providing Outdoor School for All has begun! Every fifth or sixth student in Oregon will ultimately attend—eighty-five percent, approximately 45,000 students, attended in 2019/20. Discuss the legislative advocacy campaign (the how?), statewide program structure (what?) and program evaluation (why?). Can you build off our successes?

Presenter

Steven Braun eeRISE LLC

Nell Tessman Program Officer, Gray Family Foundation

STEM and Sustainability: Cultivating Student Innovation and Environmental Stewardship

5:15pm - 5:55pm, Oct 15

Traditional Presentation

Advancing Civic Engagement and Sustainable Communities

Re-imagine your school building and grounds as a hands-on laboratory for engaging, STEM-based sustainability education. Learn how to leverage your school building, data collection tools, technology, and community support to empower students to tackle sustainability challenges in their communities.

Presenter

Brittany Jayroe Program Director, EcoRise

Abby Randall Deputy Director, EcoRise

5:55pm

The Beauty of Biodiversity Break

5:55pm - 6:15pm, Oct 15

Enjoy relaxing music coupled with stunning Gerry Ellis photographs from around the world. Give your mind a break and just enjoy the beauty of biodiversity.

Photos courtesy of Gerry Ellis, Executive Director of GLOBIO, a nonprofit organization dedicated to conservation and education. Gerry is also a talented nature photographer (as you'll see) and dedicated conservationist.
6:15pm

Building Collaborative Regional Capacity Through Mapping and Shared Resources

Hands-on Presentation

Advancing Civic Engagement and Sustainable Communities

Houstonians have started ambitious projects to connect our community. We'll spotlight two: an aggregation of resources on HEREinHouston.org and a mapping initiative of bright spots in the interfaith community. Walk away with ideas for creating partnerships and an understanding of how to use the NAAEE Guidelines for Excellence.

Presenter

Alicia Mein-Johnson Environmental Education Specialist, Citizens' Environmental Coalition

Jaime González The Nature Conservancy

Environmental Education Program Decision-Making with an Equity Lens

Hands-on Presentation

Advancing Civic Engagement and Sustainable Communities Equity and Inclusion

Access Liminality and National Wildlife Federation staff will facilitate a hands-on activity focused on equitable and just decision-making practices. Participants will review and reflect on this decision-making tool, share current practices and resources, ask questions and set personal and organizational learning goals to promote equity and justice as a core aspect of environmental education.

Presenter

Jennifer Dowd (she/her) Principal Consultant, Access Liminality LLC

Tiffany Carey Senior Education and Engagement Coordinator, National Wildlife Federation

Nature-Based Visitor Learning for Behaviour Change: A Flipped Presentation
Conservation and Environmental Education

This flipped presentation will first examine a case study where visitor motivations were used to tailor environmental education programs in a Canadian Biosphere Reserve. Then, using an active learning approach, participants will engage in co-creating a toolkit of best practices using a visitor-identity framework for nature-based learning and behaviour change.

Contributor

Elizabeth Halpenny  Professor, University of Alberta

Presenter

Jill Bueddefeld  Post-Doctoral Fellow, University of Alberta

Saguaro, Sunsets, and Snapshots: Photography and Environmental Education in Tucson

Learn how the Udall Foundation's Parks in Focus® program uses digital photography as a tool to engage underserved communities in environmental learning in Tucson and beyond for over twenty years. Experience activities and curriculum and leave with resources and inspiration to expand your environmental education toolkit. No photography experience is necessary to participate.

Presenter

Mike Kruse  Program Coordinator, Udall Foundation

Mely Bohlman  PIF Trip Leader, Udall Foundation

Solarize Your STEM Classroom

Build a solar charger and learn how this and other solar-infused project-based engineering challenges can immerse students in STEM practices that empower youth of diverse backgrounds to take action on climate change all while preparing them for jobs in the emerging green economy.
Teaching with Tunes: Reaching Your Audience Through Music
6:15pm - 7:15pm, Oct 15
Hands-on Presentation
Looking for new ways to make your EE programming dynamic and impactful? In this hands-on workshop, you will learn fun and effective strategies to connect diverse audiences to content through rhythm and song. We will discuss why music works and practice methods that incorporate music to inform and inspire.

Using Wonder to Facilitate Nature Engagements: A Research-Grounded Pedagogical Approach
6:15pm - 7:15pm, Oct 15
Hands-on Presentation
A sense of a wonder is a critical part of engaging with nature and developing a connection to outdoor spaces. This research-grounded session seeks to share strategies on how environmental educators can harness the power of wonder in order to facilitate meaningful engagements with the natural world.

7:30pm
"Inventing Tomorrow" Movie Night—Sponsored by HHMI Tangled Bank Studios
7:30pm - 9:30pm, Oct 15
Join us for a Q&A with Laura Nix, director of the inspirational film *Inventing Tomorrow*. *Inventing Tomorrow* tells the story of six inspiring teenagers from around the globe who are creating cutting-edge solutions to confront some of the world’s most pressing environmental threats as they prepare to compete in the International Science and Engineering Fair. The heart of the film is not the competition itself, but the journey these students take as they sample water from contaminated lakes, dig up dirt in public parks, board illegal pirate mining ships, and test their experiments in labs, showing an inspiring determination to build a better future.

Take a journey with these inspiring teens as they prepare their projects for the largest convening of high school scientists in the world, the Intel International Science and Engineering Fair (ISEF), a program of the Society for Science and the Public.

**Special Offer from HHMI!** NAAEE conference attendees can watch "Inventing Tomorrow" directly from this link: [http://gooddocs.net/apps/downloads/orders/whitet%2540hhmi.org/30451381](http://gooddocs.net/apps/downloads/orders/whitet%2540hhmi.org/30451381) (Link valid until October 17)
<table>
<thead>
<tr>
<th>Title</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controversy Mapping</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Clean City Initiative: A Model for EE and Community Engagement</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Climate Education en Español and for Latinx Communities</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Concentrations of Heavy Metals in Drinking Water: A Risk Factor</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Considering National Characteristics in Civic Action Program Design</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Draw it! Using Art to Evaluate an EE Program</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Educating Children and Adolescents to Respond to the Causes and</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Consequences of Climate Change</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Effective Methods for Plastic Reduction in Elementary Schools</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>EmpowerU: Energizing Citizens with the Soft Skills to Effect Change in Their Communities</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Engaging Elementary Students in Climate Science and Other Hot Topics</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Engaging Youth Through 4-H and National Geographic Resources and Activities</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Engineering Shorelines: Integrating Engineering into Environmental and Conservation Education</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Evaluating Nature-Based Making and Tinkering Programs</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Expanding Virtual Environmental Education Through Partnerships</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Experiential EE to Promote the SDGs</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Fostering Environmental Awareness and Action in Online University Students</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Four Influences: Learn and Share What Shapes Environmental Educators</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>Free Forest School: Equitable Access to Nature for All</td>
<td>12:00am - 11:55pm</td>
</tr>
<tr>
<td>How Can Explorers, Educators, and Ecoblitz Empower Eco-Literate Global Citizens?</td>
<td>12:00am - 11:55pm</td>
</tr>
</tbody>
</table>
• How Do We Make It As Valuable As Possible?
  12:00am - 11:55pm, Oct 5

• How to Make the Business Case for Environmental Education
  12:00am - 11:55pm, Oct 5

• Hudson River Blue Team: High School Students Making a Difference
  12:00am - 11:55pm, Oct 5

• Involving Important Adults in Early Childhood Environmental Education Programs
  12:00am - 11:55pm, Oct 5

• Keeping Environmental Literacy Relevant in a Virtual Setting
  12:00am - 11:55pm, Oct 5

• Linking Cutting-Edge Research and Environmental Education Programs for the Public
  12:00am - 11:55pm, Oct 5

• Mind the Gap: EE Can Address the STEM Achievement Gap
  12:00am - 11:55pm, Oct 5

• Nature Play for Desert Dwellers: Designing Learning Spaces Amid Cactus
  12:00am - 11:55pm, Oct 5

• No Barriers: Live Animal Programs The Caterpillar Lab Way
  12:00am - 11:55pm, Oct 5

• Ohio's Student Wildlife Research Symposium—Partnersing to Showcase Student Research Projects
  12:00am - 11:55pm, Oct 5

• Orienteering as a Framework for Inclusive Experiential Environmental Education
  12:00am - 11:55pm, Oct 5

• Partnerships' Power to Persevere Past a Pandemic
  12:00am - 11:55pm, Oct 5

• Personal and Professional Resilience in a New Era of EE
  12:00am - 11:55pm, Oct 5

• Playful Work and Purposeful Play: The Playground as a Second Classroom
  12:00am - 11:55pm, Oct 5

• PLT K–8: New for the Next Generation
  12:00am - 11:55pm, Oct 5

• Reading and Playing: A Foundation for Environmental Literacy
  12:00am - 11:55pm, Oct 5

• Recruiting Urban Youth to Careers in Drinking and Wastewater Treatment
  12:00am - 11:55pm, Oct 5

• Rediscovering Nature: From Hands-On to High-Tech and Back Again
  12:00am - 11:55pm, Oct 5

• San Diego Zoo Teacher Workshops, Field Trips, and Master's Program
  12:00am - 11:55pm, Oct 5

• Seeking to Understand: Sea Star Wasting Syndrome and Youth Engagement
  12:00am - 11:55pm, Oct 5
- Supporting Inclusive Practices in EE Programs for Exceptional Learners
  12:00am - 11:55pm, Oct 5

- Systems Thinking for Sustainability: A Model for Undergraduate Environmental Education
  12:00am - 11:55pm, Oct 5

- Teaching Climate Change Through Plants, Planet, and People
  12:00am - 11:55pm, Oct 5

- Teaching Hope in the Face of Climate Change
  12:00am - 11:55pm, Oct 5

- TEK Holders in Education: A Community Garden Case Study in Brazil
  12:00am - 11:55pm, Oct 5

- Ten Years of the Appalachian Green Teachers Project
  12:00am - 11:55pm, Oct 5

- The Half-Earth Project: Mapping to Build a Movement Culture for Biodiversity Conservation
  12:00am - 11:55pm, Oct 5

- Transforming the Field Experience to Promote Green Careers and Stewardship
  12:00am - 11:55pm, Oct 5

- Turn Lemons into Lemonade: How to Create Opportunities in Times of Chaos
  12:00am - 11:55pm, Oct 5

- Using Garden Classrooms to Support Social Emotional Learning
  12:00am - 11:55pm, Oct 5

- Using Local Long-Term Datasets to Understand Ecological Shifts and Challenges—No Software Required!
  12:00am - 11:55pm, Oct 5

- Using Question Prompts to Support Families' Embodied Sensemaking in a Water Quality Workshop
  12:00am - 11:55pm, Oct 5

- Values-Based Education to Combat COVID-19 and Build Intergenerational Environmental Literacy
  12:00am - 11:55pm, Oct 5

- Watershed Alliance Making Waves for Future Watershed Educators
  12:00am - 11:55pm, Oct 5

- When Disaster Strikes: How Students Learn to Heal the Ecosystem
  12:00am - 11:55pm, Oct 5

- Youth Empowerment: Bringing All Voices to the Conservation Table
  12:00am - 11:55pm, Oct 5

- Youth Teaching Youth: Community "Insiders"
  12:00am - 11:55pm, Oct 5

Poster Gallery (Available Daily on Demand)
12:00am - 11:55pm, Oct 16
Poster Presentations (On Demand)
44 Subsessions

- **4-H'ers Thrive Naturally with Art in the Park**  
  12:00am - 11:55pm, Oct 5

- **A Movement to Fund Outdoor Education in California Public Schools**  
  12:00am - 11:55pm, Oct 5

- **Action in the World As It Is or Could Be?**  
  12:00am - 11:55pm, Oct 5

- **Afrocentric Factors Influencing Conservation Behaviours**  
  12:00am - 11:55pm, Oct 5

- **Applying the Biophilia Hypothesis to Positive Effects of School Gardening**  
  12:00am - 11:55pm, Oct 5

- **Benefits of Stipend Internship Programs for High School and Early College Youth**  
  12:00am - 11:55pm, Oct 5

- **Best Management Practice Scavenger Hunt**  
  12:00am - 11:55pm, Oct 5

- **Bridging the Education Gap—Globally Applicable, Locally Relevant**  
  12:00am - 11:55pm, Oct 5

- **Children Taking the Lead in Raising Awareness About Plastic Pollution**  
  12:00am - 11:55pm, Oct 5

- **Cleaner, Greener, and More Engaged Colleges and Community Partners**  
  12:00am - 11:55pm, Oct 5

- **Climate Change Communication: Finding Common Ground for Difficult Conversations**  
  12:00am - 11:55pm, Oct 5

- **Connecting Water to Global Citizenship via Education for Sustainable Development**  
  12:00am - 11:55pm, Oct 5

- **Digital Teach-Ins: Harnessing Virtual Strategies to Restore Our Earth**  
  12:00am - 11:55pm, Oct 5

- **District Alignment to PA Environmental Education Standards: Identifying Equity Gaps**  
  12:00am - 11:55pm, Oct 5

- **Does Climate Change Anxiety Influence Zoo Visitor Experience?**  
  12:00am - 11:55pm, Oct 5

- **Eco-Capabilities: Making Nature Explicit in Children's Drawings about Wellbeing**  
  12:00am - 11:55pm, Oct 5

- **Electricity Usage Dashboards: Driving Classroom Energy Conservation with Data**  
  12:00am - 11:55pm, Oct 5

- **Embracing Complexity When Teaching About Pollution in Marine Ecosystems**  
  12:00am - 11:55pm, Oct 5
Empowering Underserved Communities: Environmental Education's Role in Community Engagement
12:00am - 11:55pm, Oct 5

Exploring Development from Seasonal Work at Environmental Education Camps
12:00am - 11:55pm, Oct 5

Gardening by Design: Understanding and Enhancing Garden-Based Teaching in Schools
12:00am - 11:55pm, Oct 5

Global All-Women's Plastic Pollution Project Empowers Local Change
12:00am - 11:55pm, Oct 5

High School Field Course in Human Ecology: Our Place in Nature
12:00am - 11:55pm, Oct 5

Infusing Active Learning into Environment and Sustainability Classes
12:00am - 11:55pm, Oct 5

Investigating Human Impact on Local Water Resources: An NGSS Designed Approach
12:00am - 11:55pm, Oct 5

It's Not Easy Speaking Green
12:00am - 11:55pm, Oct 5

"Learning to Be Accountable for Our Actions": Teachers' Craft Knowledge of Sustainability Education
12:00am - 11:55pm, Oct 5

Motivating Actions for Conservation by Fostering Empathy Towards Marine Life
12:00am - 11:55pm, Oct 5

Natural Curiosity: The Importance of Indigenous Perspectives in Children's EE
12:00am - 11:55pm, Oct 5

Partnering to Create Accessible Educational Experiences for Underserved Communities
12:00am - 11:55pm, Oct 5

Project Harvest: Outcomes from Co-Created Environmental Health Literacy Citizen Science
12:00am - 11:55pm, Oct 5

Rural Community College Students: Teaching Environmental Education Online
12:00am - 11:55pm, Oct 5

Teacher and Environmental Educator Perspective on the Transition to Formal Place-Based Education
12:00am - 11:55pm, Oct 5

The Influence of Outdoor Experiences on Children's Idea of a "Scientist"
12:00am - 11:55pm, Oct 5

The Need for Shared Expectations: Partnering University Research Scientists and Classroom Teachers
12:00am - 11:55pm, Oct 5
The Value of Indoor Nature Play Spaces
12:00am - 11:55pm, Oct 5

Three Models for Engaging Youth in Locally-Relevant Conservation Issues
12:00am - 11:55pm, Oct 5

Trading Card Empire: How to Revolutionize Your Programming
12:00am - 11:55pm, Oct 5

Transformational Impact of International EE Experiences on EE Classrooms and Teachers
12:00am - 11:55pm, Oct 5

Understanding Attendance Patterns at a Residential Environmental Education Camp
12:00am - 11:55pm, Oct 5

Using the Arts to Teach and Inspire Action on Climate Change
12:00am - 11:55pm, Oct 5

Values Education in Outdoor Environmental Education from the Practitioners’ Perspective
12:00am - 11:55pm, Oct 5

Which Factors Influence Argumentation Skills About Biodiversity Conservation?
12:00am - 11:55pm, Oct 5

World Migratory Bird Day: Connecting Diverse Audiences to Bird Conservation
12:00am - 11:55pm, Oct 5

Artful Connection for Teens to Nature, Landscape, and Self
12:00am - 11:55pm, Oct 5

Climate Resilience from the Youth Up
12:00am - 11:55pm, Oct 5

Climate, Water and Resilience: Project WET’s Climate Change Education Guide
12:00am - 11:55pm, Oct 5

Combating School Waste with Student Action Projects
12:00am - 11:55pm, Oct 5

Cultural Inclusion: Using Communication Theory to Engage Local Knowledge
12:00am - 11:55pm, Oct 5
- Environmental Literacy and Environmental Education at Work: The Kalymnos Case
  - 12:00am - 11:55pm, Oct 5
  - Symposium

- Evaluation Trends Across the Field and New Directions
  - 12:00am - 11:55pm, Oct 5
  - Traditional Presentation

- Green Schools Challenge: Whole-System Approach to Integrating Environmental Education
  - 12:00am - 11:55pm, Oct 5
  - Traditional Presentation

- Integrating Sustainable Living Education into the Classroom
  - 12:00am - 11:55pm, Oct 5
  - Hands-on Presentation

- Junior Ocean Conservation Crusaders in Support of Plastic Free Initiatives
  - 12:00am - 11:55pm, Oct 5
  - Traditional Presentation

- Leadership and Meaning Making: Achieving Our Aspirations
  - 12:00am - 11:55pm, Oct 5
  - Hands-on Presentation

- Linking Climate Adaptation to Environmental Education
  - 12:00am - 11:55pm, Oct 5
  - Traditional Presentation

- Online Learning: Leveraging Technology to Build Connections and Spur Action
  - 12:00am - 11:55pm, Oct 5
  - Traditional Presentation

- Outdoor Recreation, Identity, and Land Stewardship: Renarrating Our Past to Reinvision Our Future
  - 12:00am - 11:55pm, Oct 5
  - Traditional Presentation

- Program Design Principles to Support Teen-Adult Community Partnerships' Conservation Efforts
  - 12:00am - 11:55pm, Oct 5
  - Traditional Presentation

- Teaching and Learning Using Global Climate Models
  - 12:00am - 11:55pm, Oct 5
  - Traditional Presentation

- The Arts and Conservation: Arts Integration and Environmental Studies
  - 12:00am - 11:55pm, Oct 5
  - Hands-on Presentation

- Tools for Sustainable Food Education
  - 12:00am - 11:55pm, Oct 5
  - Traditional Presentation

- Urban Youth and STEM Careers: Not All Scientists Wear Lab Coats
  - 12:00am - 11:55pm, Oct 5
  - Traditional Presentation

- Urgent Lessons: Measuring the Effects of Climate Change
12:00am - 11:55pm, Oct 5
Hands-on Presentation

- **Water Conservation Data Jam: Student Data Literacy, Creativity, and Action**
  12:00am - 11:55pm, Oct 5
  Hands-on Presentation

---

EE 30 Under 30 Bright Spots Gallery (Available Daily On Demand)
12:00am - 11:55pm, Oct 16
Bright Spots (On Demand)

---

26 Subsessions

- **Addressing Various Challenges in Human-Wildlife Conflict Through Environmental Education**
  12:00am - 11:55pm, Oct 10

- **Akpugoeze Community Awareness and Waste Clean-Up Campaign**
  12:00am - 11:55pm, Oct 10

- **Citizen Science for Urban Environmental Education**
  12:00am - 11:55pm, Oct 10

- **Climate Change, Global Health and the Role of Environmental Education**
  12:00am - 11:55pm, Oct 10

- **Designing Nudges Through Play-Based Learning for Sustainable Living**
  12:00am - 11:55pm, Oct 10

- **Driving Sustainable Agriculture Through Research: Engaging Farmers in Guyana**
  12:00am - 11:55pm, Oct 10

- **Eco-Warriors for the Future in Chomba, Cameroon**
  12:00am - 11:55pm, Oct 10

- **Empowering Puerto Rican Youth as Water Stewards and Educators**
  12:00am - 11:55pm, Oct 10

- **Environmental Escape Rooms: Making Learning Fun for Kids**
  12:00am - 11:55pm, Oct 10

- **Field Trips for Earth**
  12:00am - 11:55pm, Oct 10

- **How the Sport Ecology Group Is Inspiring Climate Action Through Sports**
  12:00am - 11:55pm, Oct 10

- **Imagine Me!: Creating Cultural Relevance With Model Naturalists**
  12:00am - 12:00am, Oct 10

- **Inspiring the Next Generation of Green Professionals**
  12:00am - 11:55pm, Oct 10

- **Lessons Learned From Running the Circular Cities Week**
  12:00am - 11:55pm, Oct 10

- **Ma’Na – Environmental and Resilience Training for Coffee Farmers in Rural Mexico**
  12:00am - 11:55pm, Oct 10
- Ocean Ambassadors—Now the Ocean Is Closer to You!  
  12:00am - 11:55pm, Oct 10

- One World Learning: Educators Working Beyond Borders  
  12:00am - 11:55pm, Oct 10

- Rehabilitation of Rivers Using Bamboo Enterprises and Community Engagement  
  12:00am - 11:55pm, Oct 10

- Stakeholder Accountability and Action Towards Plastic-Free Nature in the Philippines  
  12:00am - 11:55pm, Oct 10

- Student-Led Projects to Greenify Low-Income Elementary Schools and Reduce CO2 Emissions  
  12:00am - 11:55pm, Oct 10

- Taking Experiential Learning to the Next Level With Increased Representation  
  12:00am - 11:55pm, Oct 10

- Urban Reforestation and EE in Schools Across Lubumbashi, DRC  
  12:00am - 11:55pm, Oct 10

- Waste Management Education for Improving Grassroots Community Resilience  
  12:00am - 11:55pm, Oct 10

- Wild Bird Conservation Through Farmer and Community Collaboration in Taiwan  
  12:00am - 11:55pm, Oct 10

- Youth Climate Action From Chile, the World's Southernmost Country  
  12:00am - 11:55pm, Oct 10

- Year of the UK Coast 2023: A Catalyst for Change  
  12:00am - 11:55pm, Oct 10

---

GEEP Bright Spots Gallery (Available Daily On Demand)  
12:00am - 11:55pm, Oct 16  
📍 Bright Spots (On Demand)

---

7 Subsessions

- Developing an EE Programme for India  
  12:00am - 11:55pm, Oct 10

- EPA Taiwan's Eco-campus program  
  12:00am - 11:55pm, Oct 10

- Promoting Civic Engagement Through Urban Agriculture Education  
  12:00am - 11:55pm, Oct 10

- The UN Global Campaign on Nitrogen- Promoting Awareness and Action  
  12:00am - 11:55pm, Oct 10

- UNEP India's Tide Turner Challenge for Young Leaders  
  12:00am - 11:55pm, Oct 10
11:00am

**Abolitionist Facilitation Techniques for Youth Eco-Action Efforts**

- 11:00am - 11:40am, Oct 16
- Traditional Presentation
- Advancing Civic Engagement and Sustainable Communities

Tired of feeling like student voices are not heard in youth green teams? Change the power dynamic in your youth team by using the Community-Based Eco-Action process. We will share how this culturally responsive pedagogy can create sustainable change within your community by centering efforts on youth voices.

**Presenter**

Jamie Repasky School-based Youth Education Coordinator, Oregon Metro Regional Government

Lake Thelen Education Specialist, Metro Regional Government

---

**Citizen Artist™: Reaching Broader Audiences for Crowdsourced Science**

- 11:00am - 11:40am, Oct 16
- Traditional Presentation
- Advancing Civic Engagement and Sustainable Communities

The Citizen Artist™, an art-based research methodology and technology platform, empowers citizens who might not otherwise participate in crowdsourced science to get involved, opening the door to underrepresented populations, using other ways of knowing to be part of the solution, positively transforming our communities, and addressing current environmental issues.

**Presenter**

Lee Ann Woolery CEO, Research Director, Citizen Artist

---

**Modeling Cultural Competence Through TEK and Formal Education Integration**

- 11:00am - 11:40am, Oct 16
- Traditional Presentation
- Advancing Civic Engagement and Sustainable Communities

Unpack current research around culturally relevant pedagogy as it intersects with the inclusion of Traditional Ecological Knowledge (TEK) within mainstream models of instruction. Attendees will learn about and experience key activities, tools, and narratives Brooklyn Botanic Garden uses in teacher education programming about ecosystem dynamics and the practice of phenology.
Systems Change for More Welcoming Organizations

11:00am - 11:40am, Oct 16
Traditional Presentation

Help your organization pursue excellence and thrive! Disrupt patterns of inefficiency and leverage systems change to address lack of communication, priorities, or time in your organization. Using case studies and a template for systems change, reflect on how to affect change and renew your organization for your best work!

WeatherBlur: Co-Creating Science Investigations Online from Gulf to Gulf

11:00am - 11:40am, Oct 16
Traditional Presentation

WeatherBlur is an online citizen science platform that is linking schools in the Gulf of Maine with schools in the Gulf of Mexico to study local environmental issues. This session will explore how schools across the east coast are co-creating investigations and the research behind this innovative program.
Environmental Literacy for a Blue Planet: NOAA/NAAEE eeBLUE Partnership

11:00am - 11:40am, Oct 16
Traditional Presentation

Building Leadership for Environmental Literacy

The NOAA Office of Education and NAAEE have a partnership in place to increase environmental and science literacy among NOAA's partners and external networks. At this session, you will learn about eeBLUE priority initiatives and have an opportunity to provide input on future partnership activities.

Presenter

Bronwen Rice B-WET Program Coordinator, NOAA

T'Noya Thompson EE Specialist, NAAEE Evaluation Portal Website

Drew Price NAAEE

Working Together: Educators and Scientists Designing Community Science Programs

11:00am - 11:40am, Oct 16
Traditional Presentation

Conservation and Environmental Education

How can public lands agencies plan citizen science programs to connect young people with nature, yet provide scientific data to support land management and conservation? We explore theoretical underpinnings and research findings, the resulting planning framework; and discuss how you might apply a youth community-based citizen science program design framework.

Presenter

12:00pm

**Building Community Resilience Through STEAM Education and Actions**

Symposium

When teachers, students, and volunteers have the opportunity to increase their knowledge and take action to mitigate climate threats, the community benefits. The Recharge the Rain project demonstrates how to move beyond learning to action. Through the installation of rain gardens, students and teachers are creating demonstration sites for community resiliency at their schools.

**Contributor**

Amy Flores  
Tucson Unified School District

**Presenter**

Betsy Wilkening  
Outreach Education Coordinator, AZ Project WET - Univ AZ

---

**Educational Program Design and Improvement Using Culturally Responsive and Equitable Evaluation**

Hands-on Presentation

What makes for quality EE evaluation that leads to social change? Professional evaluators will describe their progress on a national initiative. Exchange with us on an emerging framework as you learn strategies for using authentic stakeholder engagement and (formal and informal) feedback to enhance the relevance and impact of programming.

**Presenter**

Karyl Askew  
Karyl Askew Consulting

Jean Kayira  
Core Faculty, Antioch University New England

Libby McCann  
Antioch University
Engaging Communities in Citizen Science

Armed with nets, clinometers, cameras, and test tubes, citizen scientists are crowd-sourcing data, making discoveries, and solving real-world problems. Learn how you can engage your school or community in meaningful projects that inspire participants and contribute to scientific research.

 Presenter

Karan Wood  Karan is Exec Director, Environmental Education Alliance of GA

Jennifer McCoy  Treasurer, Environmental Education Alliance of Georgia

Equity and Inclusion at Outdoor School: Barriers and Opportunities

Interested in how a publicly funded, statewide outdoor school program is approaching equity, diversity, and inclusion, and seeks to deliver the promise of ‘Outdoor School for All?’ Come explore challenges as well as innovations and strategies being used to support high quality outdoor school experiences for every student in Oregon.

 Presenter

Benno Lyon  Regional Coordinator, Oregon State University Extension Service-Outdoor School

Charissa V. Jones (she/her) Outreach & Inclusion Coordinator, Oregon State University Extension Service–Outdoor School
**HOPS in a Box! A Ready-Made Environmental Program**

- **Hands-on Presentation**
- **Conservation and Environmental Education**

Participants will speed date through the sixteen modules of the HOPS (Hands On Plant Science) program and learn the philosophy behind, and details of the program. Participants will leave with concrete ideas and resources on how to execute this program in its entirety, or as a hybrid, and excitement for bringing this program to their community.

**Presenter**

Lee Coykendall United States Botanic Garden

---

**Lessons from the School Gardeners’ Southwest Desert Almanac**

- **Hands-on Presentation**
- **Green Schools, Universities, and Vocational Institutions**

Last spring, educators from the Southwest Desert ecoregion gathered to share ideas and advance best practices in garden-based science teaching. Come and engage in activities that exemplify culturally responsive, place-based science teaching. Dig in to lessons on desert soils and Olla Irrigation with garden educators.

**Contributor**

Moses Thompson Associate Director, UA Community and School Garden Program

---

**Presenter**

Eileen Merritt Research Scientist, Virginia Polytechnic and State University

Rob McGehee Program Manager, Sustainability Teachers’ Academy, Arizona State University

Hazel Wolfe McNary Elementary/ZDiG
Stacy Evans (she/her) Tucson Unified School District

Alexander Peterson Behavioral Health Paraprofessional, La Frontera

Amy Flores Tucson Unified School District

Mark Reynolds Exceptional Education Teacher, Tucson Unified S.D.

Sallie Marston Professor and Director of the UA Community and School Garden Program, University of Arizona

Molly Cashion Program Manager, Arizona State University

Steve Zuiker Arizona State University

National Geographic’s Geo-Inquiry Process in Action!
12:00pm - 1:00pm, Oct 16
Hands-on Presentation

Advancing Civic Engagement and Sustainable Communities

National Geographic invites you to empower students to think like explorers. Join us for a hands-on session to learn how The Geo-Inquiry Process connects students to real-world questions, phenomena, environmental issues, community engagement, and National Geographic explorers in the field.

Presenter

Chris Hines Regional Director, National Geographic Society

Mary Ford Director of Professional Learning, National Geographic

Working Towards Equitable Organizations: Practical Strategies for Designing Work
Environments

Equity and inclusion are “hot topics” in environmental education, yet there is little common understanding of what that looks like in practice. This panel, framed by research on the perspectives of organization leaders and educators of color, will feature best practices for creating and sustaining equitable and inclusive work environments.

Moderator

Craig Strang  Associate Director, Lawrence Hall of Science

Presenter

Jedda Foreman  Lawrence Hall of Science

Rena Payan  Youth Outside

Valeria Romero  University of California Berkeley

Speaker

Blanca Hernández (she/her)  Program Director, YES Nature to Neighborhoods

1:00pm

Yoga Break

Join a relaxing yoga break, every day at 1:00! Led by experienced yoga instructor, Tara Hostnik, this session will give you a chance to take a breath, stretch your body, and view beautiful scenery.

Tara received her RYT200hr on the Big Island of Hawaii in 2014 through Peak Beings and has since taught classes, guided yoga retreats, and assisted yoga teacher training in Sequoia and Kings Canyon National Parks, Lake Tahoe, Bali, and Hawaii. Tara has also been an outdoor and environmental educator throughout California and connecting people to nature is a theme you will find in her classes. Her classes incorporate aspects of vinyasa, hatha, yin, and ashtanga and are meant for all levels. Beginners are her favorite to teach so give her a try regardless of your experience!
1:30pm

A New Guide to Help You Assess Connection to Nature

Are you interested in understanding the dimensions of your audiences' relationships with nature? This session will introduce you to several tools to help you measure this elusive concept with young children, teenagers, or adults. You will receive the Practitioner's Guide to Assessing Connection to Nature.

Presenter

Tara Hostnik

1:30pm - 2:10pm, Oct 16

Traditional Presentation

Connecting with Nature

Advancing Global Climate and Environmental Literacy

This presentation will review Earth Day Network's global initiatives to advance climate and environmental literacy by harnessing the electricity of the grassroots movement and bringing it to national leaders at COP26 in Glasgow. We will discuss how on the ground environmental educators can help advance local and global policy.

Presenter

Martha Monroe Professor, University of Florida

Gabby Salazar Doctoral Student, University of Florida

1:30pm - 2:10pm, Oct 16

Traditional Presentation

Building Leadership for Environmental Literacy

Rachel Weisbrot Education Associate, Earth Day Network

Tracey Ritchie (she,her) Director of Education, Earth Day Network

Kira Heeschen (she/her) Education Coordinator, Earth Day Network
Brand Your Organization Without Breaking the Bank

Your organization's brand matters, your budget line for branding does not. This session will explore the importance of building and maintaining your brand; walk through practical steps for using design programs (Canva), and designing on-brand materials effectively and efficiently. You'll receive a one-pager on practical tips for building and maintaining a brand.

 Presenter

Brittany Wray  Education Director, Kentucky Association For Environmental Education

Building Community in Western Washington State

Strong grassroots partnerships build a strong community. In this session, learn how established watershed education programs in western Washington State have built a network of inspired, engaged, and diverse teachers, students, and community partners (farmers, artists, businesses, and natural resource professionals), empowering them to take action for watershed protection.

 Presenter

Stephanie Bishop  South Sound GREEN Program Manager, Thurston Conservation District

Sheila Wilson  Nisqually River Foundation

Climate Justice Education: A Conversation with Youth Activists

Join us for a hands-on workshop on how to engage young people in climate justice education and action, led by youth activists from Tucson, Arizona. They will share strategies, activities, and best practices for climate justice education both in and out of the classroom.

 Presenter

https://docs.google.com/presentation/d/17ty0R7AjPDKwa3oza-VOSqDHIX1KutFNt0332C10kDI/edit?usp=sharing
Outside In: Staying Relevant in the Time of a Pandemic

Did your outdoor environmental education program find itself inside and home-based? Keeping nature-based programs relevant to students and families without the traditional in-person, place-based approaches was certainly challenged by the pandemic. Join us for a lessons learned adventure in producing the online watershed education program RIVER CAMP!

Presenter

Carrie Merson (she/her) San Antonio River Authority

Transforming Practice: Elementary Teachers Bring Authentic Learning into the Outdoors

Learn how a school district and university partnered to activate learning in a low-performing school through intensive in-service professional development, integrating environmental and sustainability education into curriculum. We share lessons learned in efforts to transform teacher use of interdisciplinary, inquiry-based outdoor learning approaches in the schoolyard and community.

Presenter

Sarah Yelton Environmental Education & Citizen Science Program Manager, UNC Institute for the Environment

Dan Schnitzer Director of Sustainability and Capital Projects, Chapel Hill Carrboro City Schools

Rita Singh Classroom teacher, Chapel Hill-Carrboro City Schools

Youth Voice for Sustainable Environmental Leadership

Building Leadership for Environmental Literacy Young Professionals
Building a global community of youth environmental educators and advocates is imperative to increase equity in the environmental education field and environmental literacy across the world. Join EarthEcho International to explore best practices for elevating youth voice and leadership in the development of your environmental education programs.

 Presenter

Sean Russell  Associate Director of Youth Engagement and Partnerships, EarthEcho International

2:30pm

**Advancing Equity in Environmental Education**

**Roundtable Discussion**

Join staff from EcoRise and National Wildlife Federation to discuss the intersections of environmental education and equity. Learn about the steps that EcoRise and NWF have taken to increase equity, diversity, and inclusion both within their respective organizations and externally to ensure equitable access to resources for all stakeholders.

 Presenter

Brittany Jayroe  Program Director, EcoRise

Abby Randall  Deputy Director, EcoRise

Jennifer Dowd (she/her)  Principal Consultant, Access Liminality LLC

Tiffany Carey  Senior Education and Engagement Coordinator, National Wildlife Federation

**Inspiring Positive Change in Environmental Education Through Spirituality**

**Roundtable Discussion**

Spiritual beliefs play an important role in shaping the values and attitudes that influence behavior. Yet religious and spiritual education are often marginalized in formal settings. This roundtable seeks to constellate on a critical question from a variety of faith perspectives. How can environmental education be positively changed through spirituality?
Lessons from the Sudden Digital Learning Transformation

2:30pm - 3:10pm, Oct 16
Roundtable Discussion
Conservation and Environmental Education

Nationwide school closures because of the COVID-19 pandemic left teachers struggling to change the education paradigm. We shifted from in-person instruction to online learning in days. Teachers desperately searched for quality digital resources. And EE providers offered what they could. Let's discuss successes and flops. How are we moving forward?

NAAEE Fundraising Coaching

2:30pm - 3:10pm, Oct 16
Roundtable Discussion
Building Leadership for Environmental Literacy

How do I start conversations that lead to bigger gifts? How can I get my board members more engaged in fundraising? Is this project right for corporate or foundation support? Am I doing ANY of this right? Whether you're new to fundraising or a seasoned professional, bring your questions to NAAEE's fundraising roundtables.

Re-Wilding, Re-Thinking, and Re-Imagining Anthropocene BiodiverCity in (Sub)Urban Spaces

2:30pm - 3:10pm, Oct 16
Roundtable Discussion
Conservation and Environmental Education

Re-imagine creative place-making in suburban yards, local laneways and byways, and in the urban commons to include consideration of pollinators, biodiversity, and sustainability. Share stories and
brainstorm curriculum connections and new possibilities for re-wilding potentially biodiverse schoolgrounds, neighborhoods, and community gardens. Discuss what others are re-thinking regarding these under-appreciated spaces.

**Presenter**

**Polly Knowlton Cockett** Grassroutes Ethnoecological Association

---

**Supporting Behavioral and Social Emotional Development in Young Children**

*2:30pm - 3:10pm, Oct 16*  
*Roundtable Discussion*

**Connecting with Nature**

Participants will discuss the impact of adverse childhood experiences on young children, the role of trauma-informed care in nature-based learning environments, and how nature can serve as a tool in supporting their behavioral and social-emotional needs in response to adverse childhood experiences (e.g., COVID-19 pandemic).

**Presenter**

**Sylvia Collazo** Project Supervisor & Doctoral Candidate, Florida Atlantic University - Boca Raton, FL

**Diona Williams** Consultant & Mentor, DRW Diona Reese Williams

---

**The Power of Writing Outside: Environment-Based Literacy**

*2:30pm - 3:10pm, Oct 16*  
*Roundtable Discussion*

**Conservation and Environmental Education**

Writing is used in every subject, but many schools use screens indoors rather than encouraging unstructured exploration. Stakeholders like educators, nonprofits, and others need increased access to interdisciplinary environment-based literacy (EBL) in underserved areas. Learn about EBL and participate in a spirited brainstorming session about making it happen in your community.

**Presenter**

**Katrina Broughman** Nelson County Public Schools

---

**Using PLT To Teach About Environmental Justice and Health Equity**

*2:30pm - 3:10pm, Oct 16*  
*Roundtable Discussion*
Project Learning Tree (PLT) curriculum educates and empowers communities to take action on environmental issues. Join us to learn about tips and tools for teaching about environmental justice and health equity. We will present two new PLT hands-on activities on these key themes.

### Presenter

- **Rachel Lang** Project Learning Tree
- **Jaclyn Stallard** Director, Curriculum, Project Learning Tree

#### 3:10pm

**Music and Poetry Break**

- **3:10pm - 3:30pm, Oct 16**

Listen to music and hear poetry at 3:10 each day! On Wednesday, you can listen to music by Kevin Chang and his band, focused on Kupa`a`ina's style, which is about love and respect for traditional Hawaiian music and the people and culture(s) of Hawai`i. On Thursday, you can hear from Billy Brennan, a well-known environmental education singer and writer, who will perform some of his original songs. And on Friday, you'll get to hear music by EE 30 Under 30 alumni Charles Orgbon, poet Aimee Nezhukumatathil reading her own work, When You Are Near I Turn Into a Baja Fairyduster, and Astronaut Leland Melvin reading "The Chilean Forest," a poem by Pablo Neruda.

### Presenter

- **Charles Orgbon III**
- **Aimee Nezhukumatathil** University of Mississippi

#### 3:30pm

**Young Leaders Inspiring Change**

- **3:30pm - 5:00pm, Oct 16**

**Keynote and Plenary Sessions**
The final plenary panel of the conference features the stories of inspirational young leaders selected from the 2020 EE 30 Under 30 honorees. Each year, EE 30 Under 30 shines a spotlight on the work of exceptional young professionals, representing a wide range of backgrounds and disciplines, who are using EE to spark change in their communities and on the global stage. Paul Robitaille will give a land acknowledgment.

Moderator

Ian Humphreys CEO, Keep Northern Ireland Beautiful

Speakers

Aadya Joshi The Right Green

Anthony Ochieng TonyWild

Ki’Amber Thompson Director, Charles Roundtree Bloom Project

Sam Loni Director, Global Schools, UN Sustainable Development Solutions Network (SDSN)

Carly Carroll Wells Fargo

Paul Robitaille Project Learning Tree Canada

5:15pm

H2O Outdoors: Water Education at the Top of the World

5:15pm - 5:55pm, Oct 16

Connecting with Nature

H2O Outdoors is a three-day, water program for Colorado high school students. Students assume vital stakeholder roles as they learn water law, the environmental/seasonal indicators affecting water quality/quantity and the processes for water management as affected by climate change. Students advocate their stakeholder’s position regarding a real world water issue in a mock town hall.
Networking: A Critical Tool for Professional Development

Networking is a critical tool to use when seeking employment. But don't let it end there! Networking is valuable for your long-term professional development. At this session, learn more about its uses in hiring, program development, evaluation, information gathering, informal reference checks and expanding your professional circle. Find out what networking can do for you!

 Presenter

Chuck Lennox Principal, Lennox Insites

NGSS Science and Engineering Practices in Outdoor Science Programs

Outdoor science programs (OSPs) engage students directly with the natural world, but to what extent do these experiences incorporate science and engineering practices? The present study uses case study observations, interviews, and surveys to explore how OSPs provide science experiences aligned with the Next Generation Science Standards (NGSS).

 Presenter

Melissa Collins Senior Research Lead, Lawrence Hall of Science, University of California, Berkeley

Valeria Romero University of California Berkeley

Vasiliki Laina Graduate Student Researcher, UC Berkeley

Aparajita Pande Research Analyst, UC Berkeley
Partners Learning Through Place: Facilitating School-University Partnerships

5:15pm - 5:55pm, Oct 16
Traditional Presentation

The purpose of our Scholarship of Teaching and Learning (SOTL) research is to investigate how educators' experiences in field studies with community partners can inform an interdisciplinary educational program (EXPO-Experiential Place-based Outdoor) based on a curriculum of place.

Kevin O'Connor
Associate Professor, Mount Royal University

Sustainable Opportunities for Youth Leadership (SOYL): Yes They Can!

5:15pm - 5:55pm, Oct 16
Traditional Presentation

Sustainable Opportunities for Youth Leadership (SOYL) is a six-week youth empowerment summer program that happens at urban farms located on school grounds. In 2019 SOYL celebrated its 10th anniversary! In this presentation, I will share with the audience SOYL's story from its inception to its current state, through participants' voices.

Tathali Urueta-Ortiz (She/Her)
Youth Curriculum & Empowerment Manager, Fresh Roots Urban Farm Society

Telling Our eeStory Through Collective Evaluation

5:15pm - 5:55pm, Oct 16
Traditional Presentation

How can we tell our story more effectively to advance environmental education? Which measures speak the loudest? Join us to discuss what we've learned from practitioners, funders, researchers, and national experts to help create, evaluate, and communicate collective outcomes in Colorado.

5:55pm

The Beauty of Biodiversity Break

5:55pm - 6:15pm, Oct 16
Enjoy relaxing music coupled with stunning Gerry Ellis photographs from around the world. Give your mind a break and just enjoy the beauty of biodiversity.

Photos courtesy of Gerry Ellis, Executive Director of GLOBIO, a nonprofit organization dedicated to conservation and education. Gerry is also a talented nature photographer (as you’ll see) and dedicated conservationist.

6:15pm

**Biophilia: The Power of Place in Connecting People to Nature**
- **Presenter:** Richard Piacentini, President and CEO, Phipps Conservatory and Botanical Gardens
- **Sonja Bochart**

Inspiring change is rooted in being connected to place. A love and concern for the environment is increased by bringing nature into the places where we live, work, and learn. Biophilic interventions can help foster the vital connections we need to be healthier, happier, and more concerned for the environment.

6:15pm - 6:55pm, Oct 16

**Empowering Communities to Lead Sustainability Education**
- **Presenter:** Farrah Fatemi, Oregon Metro

In this share-out session, we will highlight an innovative community-based education program to support sustainability at affordable housing sites in the metropolitan region of Portland, Oregon. This session is relevant for anyone working to support programs that build leadership and capacity within the community in order to address sustainability issues.
Leveraging Environmental Learning in the Design of NGSS Units

How can we design scalable and relevant environmental learning experiences that support the Next Generation Science Standards? We will share an example ecosystems unit and unit design tools to select meaningful phenomena to anchor learning, foreground traditional knowledge, and support teachers to incorporate local phenomena from their communities.

Contributor

Emily Harris BSCS Science Learning

Presenter

Lindsey Mohan Division Director, Instructional Materials Development, BSCS Science Learning

Audrey Mohan Research Scientist, BSCS Science Learning

Kate Cook STEM Education Specialist, Maine Mathematics and Science Alliance

The Story of a Resilient Environmental Education Program for Today’s Youth

The Energy Efficiency to Mitigate Climate Change and Ocean Acidification Program for underserved youth in Southern California was conceived during a Climate Change fellowship with NAAEE, born with support of EPA, raised by NOAA B-WET, and shaped by NGSS, and many human induced disasters including droughts, wildfires, floods, and the COVID-19 crisis.

Presenter

Lindsey Mohan Division Director, Instructional Materials Development, BSCS Science Learning

Audrey Mohan Research Scientist, BSCS Science Learning

Kate Cook STEM Education Specialist, Maine Mathematics and Science Alliance
Translating Research into Policy and Action for Sustainable Communities
6:15pm - 6:55pm, Oct 16
Traditional Presentation

**Advancing Civic Engagement and Sustainable Communities**

Increasingly, our communities require policies that support sustainable lifestyles and improve resilience of social-ecological systems. This presentation will highlight the application of a model for strategically converting research towards use beyond academic realms in order to drive decisions that facilitate community sustainability and address issues such as climate change.

Presenters:

**Jordan King**  PhD Student, Arizona State University - School of Sustainability, College of Global Futures

---

Using Nonformal Environmental Education to Enhance Outcomes in High School Environmental Science
6:15pm - 6:55pm, Oct 16
Traditional Presentation

**Green Schools, Universities, and Vocational Institutions**

By combining formal and non-formal environmental education, University High School and the University of Arizona are enhancing learning outcomes for high achieving environmental science students in Tucson. This session, co-presented by a classroom teacher and an outreach educator, will explore implementation of techniques to integrate school gardens with standard curricula.

Presenters:

**Jessie Rack (she/her)**  University of Arizona - Community & School Garden Program

**Thomas Matt Swanson (he/him)**  Science teacher- AP Environmental Science, Public School

---

7:00pm

**Conference Closing**
6:15pm - 7:40pm, Oct 16

Join Judy Braus and Sheila Williams Ridge for the conference wrap-up featuring a look back at our two weeks together, a preview of our 50th anniversary conference in Pittsburgh, and closing remarks from Charlotte Clark, NAAEE's Board Chair, and Andrea Kane, superintendent of Queen Anne Public Schools in Maryland and co-chair of the Superintendent's Environmental Education Collaborative. We'll also celebrate
the closing with music from Kevin Chang.

conomic Director, NAAEE

Director, U of MN Lab School

Assistant Professor of the Practice, Duke University

Co-Chair, Superintendents Environmental Education Collaborative

Kevin Chang and Kupa`
āina

Powered By Whova