

2023 Annual Conference Preliminary Schedule

This is a preliminary schedule, correct as of September 12, 2023; Topics and times are subject to change.
The final schedule will be available through the conference platform when it launches in October.
The platform includes the opportunity to add sessions to your calendar.

All times are listed in Eastern Daylight Time.

Title	Summary	Presenters	Date	Start Time <small>Eastern Daylight Time</small>	End Time <small>Eastern Daylight Time</small>	Keywords	Session Format	Delivery Method
Pre-Conference Workshops (pre-registration and additional fee required)								
2023 Affiliate Assembly	Join leaders from across the NAAEE Affiliate Network as we celebrate the great work of the Network and spend time learning from each other's challenges and successes.	Bruce Young, NAAEE	Wednesday, October 11	12:00 PM	3:30 PM	Leadership and capacity building	Workshop	live (via Zoom)
Connecting Students to Climate Change Through the Power of Storytelling	What are climate stories? How can they be useful tools for teaching about climate change? This interactive workshop explores these questions and more. Share your own experiences talking about climate change, generate ideas together, and leave with practical resources and next steps for bringing climate storytelling to their students.	Cassandra Ceballos, Climate Generation; Seth Spencer, Climate Generation	Wednesday, October 11	12:00 PM	3:30 PM	Climate change education Underrepresented audiences Middle & high school programs	Workshop	live (via Zoom)
Environmental Action Civics A Roadmap for Success	Environmental Action Civics: A Roadmap for Success will provide formal and informal educators with the tools to incorporate experiential civics into conservation education. Participants will learn to employ tools like youth-adult partnerships, youth voice, and root cause analysis to engage diverse groups of young people in systemic change efforts.	Alyssa McConkey, Earth Force; Taylor Ruffin, Earth Force	Wednesday, October 11	12:00 PM	3:30 PM	Civic engagement Justice, equity, diversity, inclusion, and accessibility Middle & high school programs	Workshop	live (via Zoom)
Leading for Change: NAAEE Community Engagement Guidelines	This interactive session introduces NAAEE's Community Engagement Guidelines for Excellence and offers facilitation ideas and guidance to design learning opportunities in your community. Join us if you actively elevate Justice40 in your community and/or if your lived experiences reflect the U.S. environmental movement's historical marginalization of varied identities, cultures, and communities. Note: This workshop is sponsored by ee360+. Participation is by invitation only based on the completion of a brief inquiry before August 1. Inquiries will be reviewed and participants will be selected on a rolling basis until the limit is reached. Invited participants will receive an access code that will allow registration and waive registration fees.	Jean Chimbirima Kayira, Antioch University New England; Susana C Matos, Antioch University New England/North Carolina State University; Elizabeth (Libby) McCann, Antioch University New England; Luciana Ranelli, Lake Superior National Estuarine Research Reserve; Anne Umali, NAAEE; Bora Simmons, National Project for Excellence in Environmental Education	Wednesday, October 11	12:00 PM	3:30 PM	Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Workshop	live (via Zoom)
Crash Course for Climate Change Educators	Teaching climate change can be complicated! Join us for a "crash course" that includes brushing up on background knowledge in climate science, exploring a curated collection of educational resources, trying out instructional strategies that center justice and inclusion, and facilitating student-directed projects. Participants will become more confident in their ability to engage students in climate education.	Karan Wood, Environmental Education Alliance	Friday, October 13	12:00 PM	3:30 PM	Climate change education Justice, equity, diversity, inclusion, and accessibility Civic engagement	Workshop	live (via Zoom)
Learning Locally, Transforming Globally: The UN SDGs in My Community	The United Nations SDGs (Sustainable Development Goals) provide a framework to build on youth-adult and community partnerships, civic action, and engagement in multiple perspectives on our places. Through engagement in a youth participatory action research model, educators will gain tools for their practice and activities ready to implement in their classrooms and communities.	Jennifer Cirilo, Shelburne Farms	Friday, October 13	12:00 PM	3:30 PM	Middle & high school programs Civic engagement Leadership and capacity building	Workshop	live (via Zoom)
Regenerative Oceans: Exploring New Pathways for the Future of Ocean Resilience	The Council of All Beings, inspired by Joanna Macy, will be held to understand the ocean's complexities to create hope and inspire collaborative action on ocean conservation. Participants will explore the concept of ocean regeneration in the light of sustainability learning.	Deepika Joon, Leuphana University; Senan Gardiner, Leuphana University	Friday, October 13	12:00 PM	3:30 PM	Climate change education Justice, equity, diversity, inclusion, and accessibility Spirituality	Workshop	live (via Zoom)
Teaching the Whole Student with Nature Journaling	Nature journaling is a flexible and engaging practice that helps students develop academic, environmental, and social-emotional competencies. In this workshop, we will cover fundamental nature journaling skills and explore how to incorporate journaling into any teaching context to address NGSS, Common Core, and other classroom goals while centering students' agency and lived experience.	Tara Lairdow, Southern Oregon Land Conservancy	Friday, October 13	12:00 PM	3:30 PM	NGSS/Common Core Elementary school programs Middle & high school programs	Workshop	live (via Zoom)
Positionality, Privilege, and Power in Environmental Education	During this workshop, we will explore Positionality, Privilege, and Power in Environmental Education by unpacking our cultural identity and power. We will also explore how our privileges impact our position and power. Lastly, we will explore culturally responsive strategies to advance our Justice, Diversity, Equity, and Inclusion (JDEI) efforts.	Patricia Morgan, The Executive Learning Lab	Monday, October 16	12:00 PM	3:00 PM	Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Workshop	live (via Zoom)

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Creating a More Sustainable World Through Systems Thinking Education	This interactive workshop will share a systems thinking tool called the Sustainability Compass that turns sustainability education, including environmental education, from something perceived as "extra" in schools into an extraordinary opportunity for teaching and learning. Join us for dialogue, activities, and reflection about creating a more sustainable world through education.	Gitarjali Paul, Compass Education	Monday, October 16	12:00 PM	3:30 PM	Climate change education Civic engagement International EE	Workshop	live (via Zoom)
Engaging in Storytelling, Sensemaking, and Data Visualization with FieldScope	FieldScope partners with community and citizen science projects providing place-based programs that engage participants in sensemaking and storytelling with data. In this interactive workshop, you will explore and discuss datasets with project leaders and learn to design storytelling-with-data activities for your community with FieldScope.	Jessica Bean, University of California, Berkeley/FieldScope; Megan Isadore, River Otter Ecology Project; Sarah Milcourse, Maryland Department of Natural Resources; Rebekah Taylor, Frostburg State University	Monday, October 16	12:00 PM	3:30 PM	Justice, equity, diversity, inclusion, and accessibility NGSS/Common Core STEM	Workshop	live (via Zoom)
The Road to NAAEE Higher Education Accreditation: A Map for Success	Maybe you've been debating about accrediting your college or university EE program. Here's a great opportunity to make some headway! We'll provide critical information, including an in-depth review of standards, strategies for incorporating them into curriculum, sample assessments, and models from faculty members who are accredited.	Rebecca L. Franzen, University of Wisconsin-Stevens Point, Wisconsin Center for Environmental Education; Billy Bennett, Kentucky Environmental Education Council; Paty Born, Hamline University School of Education; Howard Drossman, Calumet Center/FREE Semester; Lucy R. McClain, Shaver's Creek Environmental Center, Penn State University; Bora Simmons, National Project for Excellence in Environmental Education	Monday, October 16	12:00 PM	3:30 PM	University programs	Workshop	live (via Zoom)
On-Demand (Prerecorded) Sessions								
30 Under 30 Northern Ireland Climate Change Makers	Learn about the pilot programme for 30 Under 30 Climate Change Makers in Northern Ireland, the role Northern Ireland 30 Under 30 plays in environmental education and leadership, as well as the importance of youth leadership in environmental education.	Jenna Potter, Keep Northern Ireland Beautiful	October 9-20	24-hour access		International EE Leadership and capacity building Young professionals	Bright Spot	On-Demand (recorded)
Action Research in Environmental Education	How can action research enhance environmental education (EE) in different contexts? Participants will learn basic principles of action research, see several examples, and apply action research concepts to their own setting.	Melanie Schikore, CEE-Change Fellow, 2021-22	October 9-20	24-hour access		Leadership and capacity building Civic engagement Justice, equity, diversity, inclusion, and accessibility	Bright Spot	On-Demand (recorded)
Advancing Climate Literacy Through Geocaching	This bright spot will highlight a partnership between Allegheny Land Trust (ALT) and the Climate and Rural Systems Partnership (CRSP) that got underserved communities talking about climate change through geocaching.	Julie Travaglini, Allegheny Land Trust	October 9-20	24-hour access		Climate change education Underserved audiences Civic engagement	Bright Spot	On-Demand (recorded)
Advancing E-STEM Through Games, Hands-on, and Evening Education	This session talks about HRDEF's Education Transformation and Sustainable Schools program. This program brings a series of educational endeavors, such as those outlined in the United Nations Sustainable Development Goals (SDGs) and the development of 21st Century green workforce skills. This program, aimed at students and teachers in fostering sustainable lifestyle.	Anant Bhaaskar Garg, HaritaDhara Research Development and Education Foundation (HRDEF)	October 9-20	24-hour access		International EE STEM Middle & high school programs	Bright Spot	On-Demand (recorded)
Advancing Local Climate Action in Rural Indian and Tanzanian Communities	Discover how three locally driven projects in India and Tanzania are successfully using education to address needs, climate threats, and improve social well-being. This session will help you appreciate the multiple ways education is delivered and the challenges it must address to succeed in rural areas in developing countries.	Augusto Medina, Environmental Education Consultant; Bora Simmons, National Project for Excellence in Environmental Education; Kishor Riba, Director, Satpuda Foundation; David Kabambo, Chief Executive Officer, Peace for Conservation; Kiril Chavan, Snow Leopard Conservancy India Trust	October 9-20	24-hour access		Climate change education; Kishor Riba, Director, Satpuda Foundation; David Kabambo, Chief Executive Officer, Peace for Conservation; Kiril Chavan, Snow Leopard Conservancy India Trust	Bright Spot	On-Demand (recorded)
Advancing Michigan's Green Schools with ArcGIS	The Michigan Green Schools program leverages a diverse network of County Coordinators to increase engagement and improve support for teachers across the state. Learn how implementation of an ArcGIS Hub Site for program management has helped Michigan streamline the program and connect educators to resources that advance student-led stewardship efforts.	Eileen Boekestein, Michigan Department of Environment, Great Lakes, and Energy	October 9-20	24-hour access		STEM Leadership and capacity building Civic engagement	Bright Spot	On-Demand (recorded)
AgriSTEM: Agriculture, Climate and STEM	AgriSTEM is an educational approach that links STEM teaching with climate change resilient agriculture. This approach, AgriSTEM was implemented as part of a pilot project - during the 2022-2023 school year in five secondary schools in a village in western Cameroon.	Appolinaire Telang, Support Service for Grassroots Development Initiatives (SALD); Kisibio Sone, Support Service for Grassroots Development Initiatives (SALD); Marie- Martine Yobol, Support Service for Grassroots Development Initiatives (SALD)	October 9-20	24-hour access		International EE STEM Middle & high school programs	Bright Spot	On-Demand (recorded)

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BackyardBio Global Nature Campaign	BackyardBio is an annual nature campaign coordinated by Exploring By The Seat of Your Pants occurring every May. It gets kids outdoors to observe, document and share all the local wildlife they can find and so connect more deeply with nature and each other through their love of biodiversity.	Jesse Hildebrand, Exploring By The Seat of Your Pants	October 9-20	24-hour access		Elementary school programs STEM Middle & high school programs	Bright Spot	On-Demand (recorded)
Balance Screen Time with Green Time: Connecting Students with Nature	Author of the new book Balance Screen Time with Green Time (released October 2023) will share research about the benefits of green time, strategies for incorporating "green breaks" into the traditional school day, and stories of educators who are finding creative ways to take learning outdoors.	Emily Morgan, Corwin Press	October 9-20	24-hour access		Elementary school programs Middle & high school programs	Bright Spot	On-Demand (recorded)
Building an Artificial Reef Through Education, Conservation, and Community	This presentation will focus on the 30x30 Coral Garden, an artificial reef being built in Tulamben, Bali through intersections within conservation, education, and community efforts. In 2021, reef frames were deployed in the form of the number 30 on the ocean floor whilst uniting youth to engage in meaningful discussions.	Brigita Gunawan, National Geographic Society/Young Explorers, EarthEcho International	October 9-20	24-hour access		International EE Young professionals Civic engagement	Bright Spot	On-Demand (recorded)
Building Environmental Justice into a Small Arboretum Program	Environmental justice asks us to reimagine environmental education from a systems perspective. Where does a small arboretum education program begin? At Mount Pisgah Arboretum in Lane County, Oregon, the answer has been simultaneously addressing these issues so that policy and practice begin to inform each other. This is how.	Carl Bybee, Mount Pisgah Arboretum	October 9-20	24-hour access		Civic engagement Justice, equity, diversity, inclusion, and accessibility Underserved audiences	Bright Spot	On-Demand (recorded)
Building Inclusive Cultures	Organizations need talent that matches the world they operate in to survive in this complex and disruptive. In other words, they need inclusion. This session will provide tools and best practices for leaders to develop and promote a more diverse and inclusive work environment.	Tina E Gilbert, Next Level Training Solutions Group	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building Underserved audiences	Bright Spot	On-Demand (recorded)
Building Resilience Through Garden-Based Learning	Garden-based learning utilizes the outdoors as a classroom. In addition to educating students in the many ways a garden can be used educationally, it fosters a healthy body and mind. It nurtures a sense of place by connecting the land resources of their communities.	Morgan Jansing, Texas Christian University	October 9-20	24-hour access		Elementary school programs Gardening and food systems	Bright Spot	On-Demand (recorded)
Capacity-Building Through Community of Practice Approach	A Community of Practice was used to engage a cohort of 15 regional early childhood professionals in the co-creation of empathy practices that are deepened through a "Two-Worlds" approach. We will share what we learned regarding Communities of Practice as a capacity-building strategy.	Julie Ernst, UMD, Claire Curran Underwood, University of MN Duluth	October 9-20	24-hour access		Early childhood Leadership and capacity building Traditional knowledge	Bright Spot	On-Demand (recorded)
Catch Them Young: A Strategy for Inclusive Environmental Education	The "Catch them young" strategy employs inclusive environmental education with Earth storytelling sessions, captivating young minds. The "Plant a Birthday Tree" initiative adds a personal touch, fostering eco-consciousness from early stages. Engaging tales and tree-planting on birthdays nurture a deeper connection to nature, inspiring a greener future.	Victor Ayegeba Mathew, Foundation for Environmental Education; EarthCharter International	October 9-20	24-hour access		International EE Middle & high school programs Elementary school programs	Bright Spot	On-Demand (recorded)
Celebrating 11 Years of ECO Educator Workshops	Ever get overwhelmed by the amount of EE curricula out there? You're not alone. To help educators tackle the enormity of options, we showcase select EE curricula every summer as part of our Exploring Environmental Education Curriculum Options (ECO) Educator Workshop. Learn from 11 years of our successful summer program.	Lara Milligan, UFIFAS Extension; Pinellas County; Robert Raze, St. Petersburg College	October 9-20	24-hour access		Leadership and capacity building Elementary school programs Adult education	Bright Spot	On-Demand (recorded)
Climate Curriculum: Rooted in Direct Action and Local Relevance	The "Climate, Biodiversity and People Curriculum" by Palluyr Trust offers a unique approach to climate education. Unlike the existing curricula on climate, it emphasizes direct experience and local relevance for tangible action, known as "Action Pedagogy." We spend about 4-5 months making each module. A lot of research, discussions, and love goes into each. With 8 modules covering themes like heat, vegetation, bees, and consumerism, it's a comprehensive resource. Explore it here: https://palluyrtrust.org/index.php/climate-curriculum/	Nikkitha Terasa, Palluyr Trust for Nature Education and Research	October 9-20	24-hour access		International EE Civic engagement Climate change education	Bright Spot	On-Demand (recorded)
Connecting Rangatahi to the Moana Through Underwater Virtual Reality	In partnership with New Zealand Geographic, and powered by Westpac, NZ VR is a virtual reality programme connecting thousands of young New Zealanders with the moana/ocean. Wearing a VR headset, students experience a number of underwater locations, comparing and contrasting healthy and unhealthy environments; inspiring students to take action to protect the ocean.	Sian Crowley, BLAKE	October 9-20	24-hour access		International EE Elementary school programs Middle & high school programs	Bright Spot	On-Demand (recorded)

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Connecting Urbanites with Nature and Uplifting Well-Being Using Nature Play	How can we cultivate nature connection in metropolitans? Discover how a 3-year project incorporates Nature Play into daily lives to enhance children and parent well-being and parent-child relationships, as well as inspires nature connection after the pandemic. Learn to build a movement by engaging stakeholders and resources, organising innovative large-scale events, and co-creating education resources.	Tracy Wong, Nature Bathing	October 9-20	24-hour access		International EE Elementary school programs Adult education	Bright Spot	On-Demand (recorded)
Country Profiles: Environmental Education Initiatives and Policies Around the World	Learn about the Global Environmental Education Partnership's (GEEP) country profile collection! This collection showcases environmental education work, policies, and associations all over the world. Currently consisting of over 60 profiles, this collection continues to grow! Discover how you can use, update, and add to this collection!	Andy David, NAAEE	October 9-20	24-hour access		International EE Climate change education Leadership and capacity building	Bright Spot	On-Demand (recorded)
Creating Green Generations Project	How can we use effective EE across different generations? This presentation looks into the creation of two projects: 1) Spanish educational materials for kids aged 8-12 to promote environmental education, and 2) virtual sessions to teach older adults about environmental care.	Anghy Sayury Aquino, ClimateScience, Tunza Eco Generation, Instituto de Ingenieros de Minas del Peru.	October 9-20	24-hour access		International EE Adult education Elementary school programs	Bright Spot	On-Demand (recorded)
Cultivating Community Partnership and Intergenerational Collaboration That Support Outdoor Learning	In this session, the audience will learn how the New Mexico Public Education Department, communities, and local education agencies are leveraging community partnerships to create place-based, community-based outdoor learning initiatives that align to community priorities and support interagency collaboration to create systemic support for cradle-to-career pathways in outdoor learning.	Vanessa Barelá, Environmental Education of New Mexico; Therese A Baca-Radler, New Mexico Public Education Department	October 9-20	24-hour access		Elementary school programs Leadership and capacity building Middle & high school programs	Bright Spot	On-Demand (recorded)
Cultivating EE Leaders: A Conversation Between a Mentor and Mentee	Eavesdrop on our lively conversation about effective environmental education leaders shared from two connected perspectives, that of a mentor and a mentee. We discuss characteristics of good environmental leaders, how to cultivate leaders, and the benefits of thinking about this from two different vantage points.	Teresa Coker, Southern Oregon University; Sam Wolniakowski, Pouébo Learning Center	October 9-20	24-hour access		Leadership and capacity building University programs Young professionals	Bright Spot	On-Demand (recorded)
Decolonizing Sustainability Competencies Through Connected Communities	Through a partnership between University of Wisconsin-Stevens Point (UWSP) and University of Hawaii-Maui College (UHMC), sustainability scientists and indigenous knowledge experts are reframing sustainability competencies through a Native lens.	Erin Redman, University of Wisconsin; Kehau Kimokeo, HUI IKA Center for Sustainable Systems, UH-Maui; Meagan Jones, University of Hawaii-Maui College	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Traditional knowledge University programs	Bright Spot	On-Demand (recorded)
Deepening Environmental Literacy Through Books: Smokey Bear Reading Challenge	Smokey Bear turns 80 in 2024. Join us to learn how the FS is engaging individuals of all ages in celebrating Smokey's birthday while building Environmental Literacy. You'll learn how the Smokey Bear challenge is designed how your organization can get involved.	Rachel Bayer, Forest Service; Heidi McAttler, US Forest Service; Susan Cox, USDA Forest Service; Jessica Nickelsen, Natural Inquirer	October 9-20	24-hour access		NGSS/Common Core STEM	Bright Spot	On-Demand (recorded)
Deeper Learning and Action with the Systems Iceberg	How do we encourage students to move beyond recycling drives to make sustainable systemic changes in their local community? Watch this video for a step-by-step guide on using the Systems Iceberg to help learners of all ages understand why the events around us are occurring and opportunities for changemaking.	Gitanjali Paul, Compass Education	October 9-20	24-hour access		Civic engagement Climate change education Middle & high school programs	Bright Spot	On-Demand (recorded)
Deliberative Democracy as a Support for Empowering Youth Leaders in Taiwan's Net Zero Transition	For building a resilient society responding to climate change uncertainty, we tried to empower Taiwanese youth as leaders in social communication with deliberative democracy in practice. Therefore, the voice of the "next generation" can be delivered directly to engage in the forming process of transitioning to a sustainable future.	Meng-Hsi Lin, National Taiwan University	October 9-20	24-hour access		Civic engagement Climate change education Leadership and capacity building	Bright Spot	On-Demand (recorded)
Earth's Critical Zone: Where Water, Rock, and Life Coalesce	Critical Zone Science is an emerging field that studies the processes taking place between Earth's tree tops and bedrock. In this session we will delve into what Critical Zone Science is and how an interdisciplinary team of researchers and educators are working collaboratively towards its advancement.	Jen Mandeville, National Great Rivers Research and Education Center	October 9-20	24-hour access		Climate change education Middle & high school programs NGSS/Common Core	Bright Spot	On-Demand (recorded)
Eco Champs	Eco-Champs is a school-based mentorship program that strives to reconnect children with nature by establishing an eco club in the school. Clubs enable students to become change agents who proactively take the initiative to tackle the environmental issues around them.	Shriram K. Bhumi; Vishakha Pali, Bhumi	October 9-20	24-hour access		International EE STEM Middle & high school programs	Bright Spot	On-Demand (recorded)

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EcoInnovate Lab: Exploring Innovation in Sustainability Projects	This session will explore design thinking tools and how they can be used in environmental education activities with young people. Such tools can play a valuable role in empowering emerging leaders to create projects around the issues they are most concerned about.	Tomas Teicher, Consciente Colectivo	October 9-20	24-hour access		International EE Leadership and capacity building Young professionals	Bright Spot	On-Demand (recorded)
Empowering Teachers as Change Agents in Sustainability	Often there is a divide between higher education and K-12 but through a practitioner-focused doctoral program in educational sustainability, we aim to bridge that divide. The "students" are educators from across the globe and they are using their classroom environments to educate for sustainability and develop innovative curriculum in their dissertations.	Erin Redman, University of Wisconsin; Yue Li, University of Wisconsin-Stevens Point	October 9-20	24-hour access		Adult education Leadership and capacity building University programs	Bright Spot	On-Demand (recorded)
Empowering the Next Generation with Project ReCharge	EnviroLution's Project ReCharge program is a project-based STEAM curriculum and professional learning program, dedicated to educating teachers and preparing students to become future STEAM workers and environmental leaders. As a result of this award, we have expanded, trained, and provided materials for 35 teachers across California, Nevada, Maine, and Arizona.	Megan Weinhold, EnviroLution; Roger Cramer, EnviroLution	October 9-20	24-hour access		Middle & high school programs Leadership and capacity building STEM	Bright Spot	On-Demand (recorded)
Engaging Community Members in Stormwater Adaptation Planning in Cape Canaveral	When working around a global pandemic and tropical storms, planning for community engagement can be tricky. A team of researchers, planners, Extension, and municipal staff worked to connect and gather feedback from a local community to identify a green stormwater infrastructure project in a municipality.	Holly Abeets, University of Florida IFAS Extension	October 9-20	24-hour access		Civic engagement Climate change education	Bright Spot	On-Demand (recorded)
Engaging Youth in Year-Round Environmental Education	Teenagers in South Dakota have a new option for learning outdoor skills in safe, inclusive environments—the 4H OWLS program. Through monthly webinars, quarterly campsouts, and a final capstone adventure, participants gain new skills and a greater connection to nature.	Katherine Jaeger, SDSU Extension	October 9-20	24-hour access		Middle & high school programs Leadership and capacity building	Bright Spot	On-Demand (recorded)
Environmental Crises in Africa: GEEP Africa, a Beacon of Hope	Global Environmental Education Partnership (GEEP) Africa emerged in response to the pressing environmental challenges confronting the continent and the need for strong EE and ESD. This presentation will cover GEEP Africa's strategic plan and emerging approaches in alignment with Africa Agenda 2063 and the UN's Sustainable Development Goals.	Margaret Imprain, Green Africa Youth; Kgosietse Velempini, University of Botswana; Ravhee Bhoish, Mauritius Institute of Education	October 9-20	24-hour access		Climate change education International EE Leadership and capacity building	Bright Spot	On-Demand (recorded)
Environmental Education Professional Development Program for Pre-Service Educators	Join us to hear about a Pre-Service Module we are implementing to support the scaffolding of environmental action civics into Pre-Service teachers' classrooms. Hear about the pilot project, see examples of amended syllabi, and hear from an instructor and a participant who has attended the workshop.	Alyssa McConkey, Earth Force; Sarah Nuss, Chesapeake Bay National Estuarine Research Reserve in VA; Holly Plank, University of Pittsburgh	October 9-20	24-hour access		Civic engagement University programs	Bright Spot	On-Demand (recorded)
Environmental Education Through STEAM and Citizen Science	This session will showcase the opportunities and challenges of the project 2022 ASEAN Citizen Science STEAM Online Course. This project gathered educators, university students, and advocates on STEAM and the environment across Southeast Asia to create a better understanding about STEAM, Future of Work, and Citizen Science. At the end of the program, participants submitted a lesson plan based on these concepts that they can implement in their respective schools.	Jude Russel Utan Cunuhay, Save Philippine Seas	October 9-20	24-hour access		International EE University programs STEM	Bright Spot	On-Demand (recorded)
Every Kid Outdoors: Building Stewardship Through Access and Education	Did you know that every fourth grader in the United States is entitled to free access to 400 federal public lands for a full year? Learn more about the Every Kid Outdoors program, why it matters, and how you can use it as an educational opportunity for young people in your community.	Melissa Taggart, USDA Forest Service; Heidi McAllister, US Forest Service; Rachel Bayer, Forest Service	October 9-20	24-hour access		Elementary school programs Underserved audiences	Bright Spot	On-Demand (recorded)
Florida's Climate Education Advisory Council: Advancing Environmental Justice in Coalition	LEEF coordinates the Florida Climate Advisory Council to promote climate education to every K-12 student and statewide advancement of climate justice. Now with 21 members from school district offices, nonprofit organizations, nature centers and state and city resiliency offices, the Council will share our circle practice model and lessons learned.	Trina Hofreiter, League of Environmental Educators in Florida	October 9-20	24-hour access		Climate change education Leadership and capacity building Justice, equity, diversity, inclusion, and accessibility	Bright Spot	On-Demand (recorded)

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Fun and Interactive Middle School Lessons Featuring Counter-Stereotypical Conservation Champions	Do you want to introduce students to more diverse and representative role models in conservation in a fun and interactive way? Learn about Conservation Nation's free lessons for Grades 5-8 that challenge stereotypes and feature reliable and authentic champions from communities that have long been underrepresented in the conservation movement.	Diane Lill, Conservation Nation; Joanna Levi, Conservation Nation	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility; Middle & high school programs; Underserved audiences	Bright Spot	On-Demand (recorded)
Habits of Mind for Transformation: Building Resilience in Troubling Times	In-the-midst of an existential crisis with the impact of my 30 year EE career, I conceived 12 habits-of-mind for transformation. Designed to rebuild resilience amid our growing climate crisis, these habits transform patterns of thinking and foster caring communities. They include a sense complex systems, place, emergence, play, and storytelling.	Christine Kelly, Anagennao	October 9-20	24-hour access		Climate change education; Leadership and capacity building; Civic engagement	Bright Spot	On-Demand (recorded)
How "Politics4Future" Supports Teacher-students' Readiness on ESD & CCED: An international study	"Teacher-students' Readiness" aims to investigate Motivation, Skills and Opportunities to teach Education for Sustainable Development & Global Citizenship Education of teacher-students from 5 countries, who took part in "Politics4Future" online training. Key findings from this research methods survey on students, curriculum developers and policy experts of SDG 4.7 will be presented.	Philipp Menna, Julius-Maximilians-University Würzburg	October 9-20	24-hour access		International EE; Graduate student research; University programs	Bright Spot	On-Demand (recorded)
Identifying Emotions and Taking Action to Self-Regulate While Creating Community	In this session, from the perspective of an Educator and Occupational Therapist (using the Kawa Model), you will take a practical hands-on process to promote the recognition and care of emotions in children of 3 and 4 years-old (and older) through listening to one's (their classmates and community) own feelings.	Maria Mercedes Pailles, tempoo.mx	October 9-20	24-hour access		Early childhood; Justice, equity, diversity, inclusion, and accessibility; STEM	Bright Spot	On-Demand (recorded)
Inclusion First: An Analysis of Equitable Learning in Environmental Education	This session addresses the needs of diversity, equity, and inclusion in environmental education. Presenters will explore 2021 and 2023 data collected from organizations across Wisconsin, as well as identify barriers to authentic implementation. Participants will be encouraged to consider these concepts within their organization and ways to disrupt harmful practices.	Justin Hougham, University of Wisconsin-Extension; Jody Bauer, U. Wisconsin; Sarah Burgess, U. Wisconsin	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility; STEM; Underserved audiences	Bright Spot	On-Demand (recorded)
Incorporating Diverse Knowledge Types to Create Accessible Wildlife Science Curricula	Learn how the University of Nevada, Reno Extension incorporated diverse knowledge types in the creation of wildlife science curricula to help teens increase their community's resilience to wildfire. Explore one method for applying Western scientific, traditional ecological, cultural and operational knowledge in an accessible, effective, and inclusive package.	Spencer Eusden, University of Nevada, Reno Extension; Christina Restaino, University of Nevada, Reno Extension	October 9-20	24-hour access		NGSS/Common Core; Justice, equity, diversity, inclusion, and accessibility; Climate change education	Bright Spot	On-Demand (recorded)
Innovating Sustainable Futures: Empowering Tomorrow's Generation	STEMIE Advantages will outline the importance of introducing sustainability and environmental conservation to children and youths in our urban jungle, Singapore. We will also highlight some of the work that we do (innovation programmes and events) to empower our next generation.	Amanda Ng, STEMIE Advantages	October 9-20	24-hour access		International EE; STEM; Underserved audiences	Bright Spot	On-Demand (recorded)
Integrating Project WET, Wetlands, GIS, and H2Ohio into Seventh-Grade Curriculum	This Ohio Wetlands Association Ohio Environmental Education Fund (OEEF) mini grant integrated authentic, place-based learning into 7th grade curriculum by concurrently meeting state learning standards and integrating watershed education, to include wetlands, and the water quality issues currently being addressed in Ohio through Governor DeWine H2Ohio Initiative.	Laura Mannix, Ohio Wetlands Association	October 9-20	24-hour access		Middle & high school programs; Civic engagement; Climate change education	Bright Spot	On-Demand (recorded)
Interdisciplinary Learning Partnerships Between TK-2 Students and Scientists for Environmental Civic Learning	Be guided through an actionable 3-step framework on Interdisciplinary Learning Partnerships Between TK-2 Students and Scientists for Environmental Civic Learning. Takeaways for your professional practice!	Kimi Wake, California State University, Los Angeles	October 9-20	24-hour access		Civic engagement; Early childhood; Elementary school programs	Bright Spot	On-Demand (recorded)
Invite Kids into the Field!	The Alaska Songbird Institute's Swallow Ecology Project is a partnership between students and scientists. Together we are building a long-term record of change in boreal nesting songbirds. In this presentation students and alumni share their experiences, providing insight into the value and unique impact of experiential learning in field ornithology for both student and researcher.	Tricia Blake, Alaska Songbird Institute	October 9-20	24-hour access		Climate change education; Middle & high school programs; STEM	Bright Spot	On-Demand (recorded)

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Keep it Fresh: The Salt Watch Community Science Initiative	Salt Watch is a nationwide community science initiative that provides free chloride test kits across the country with the aim to protect our community's wildlife and drinking water resources. The Izaak Walton League will present tools and resources to collect data and advocate for clean water in your community!	Abby Hileman, Izaak Walton League of America	October 9-20	24-hour access		Adult education Civic engagement Middle & high school programs	Bright Spot	On-Demand (recorded)
Library Explorer Adventure Pack: Taking It One Step Further	The LEAP (Library Explorer Adventure Pack) program aims to provide low-income families in South Texas with access to nature exploration resources through their local libraries. Learn about its design, implementation, and impact in helping families explore the natural world with ease while encouraging healthy, fun, and safe outdoor physical activity.	Marisa E Oliva, Texas Children In Nature Network	October 9-20	24-hour access		Underserved audiences Justice, equity, diversity, inclusion, and accessibility Traditional knowledge	Bright Spot	On-Demand (recorded)
"Manzanar, Diverted: When Water Becomes Dust" and Teaching for Environmental Justice	Learn about resources for the award-winning POV film, "Manzanar Diverted: When Water Becomes Dust," and understand the importance of geography and social studies for preparing students to take action for racial justice and environmental justice.	Kimi Waile, California State University, Los Angeles	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Climate change education STEM	Bright Spot	On-Demand (recorded)
Meeting People Where They Are with Mobile Adventures	Mobile Adventures is an electric 'nature van' designed to make outdoor programming more accessible by meeting people where they live. Staffed with outdoor educators, it travels to community events, parks with free lunch programs, and community centers to bring pop-up style experiences designed to spark exploration, play, and connection with nature.	Megan Dixon, The Trustees of Reservations	October 9-20	24-hour access		Underserved audiences Justice, equity, diversity, inclusion, and accessibility STEM	Bright Spot	On-Demand (recorded)
Naturally STEM: African Diaspora Culture, Environmental Education & Creative Fun	We believe that through a combination of outdoor education, STEM and African Diaspora cultural practices, our communities will thrive. We can build capacity and leadership in the outdoor space, create innovative technology that promotes sustainability and develop spiritual resilience to inspire positive change on a global scale.	Stephanie Williams, Naturally STEM Incorporated	October 9-20	24-hour access		STEM Traditional knowledge Underserved audiences	Bright Spot	On-Demand (recorded)
Nature Play in the City: Growing Family Engagement	Denver Zoo's Nurturing Scientists through Nature Play serves urban, at-risk preschoolers, their teachers, parents, and caregivers, through opportunities to engage in nature in their communities and at the Zoo. Join us as we share challenges, successes, and strategies used in a multi-year effort to improve family engagement in nature-based learning.	Emily Murgia, Denver Zoo; Claire Buckley, Denver Zoo	October 9-20	24-hour access		Early childhood Underserved audiences Justice, equity, diversity, inclusion, and accessibility	Bright Spot	On-Demand (recorded)
Nitrate Watch: Community Science Meets Nutrient Pollution	Nitrate is a pervasive pollutant with harmful impacts to human health and the environment. Learn how the Izaak Walton League's Nitrate Watch program is mobilizing volunteers across the country to monitor nitrate levels and advocate for change!	Heather Wilson, Izaak Walton League of America	October 9-20	24-hour access		Adult education Civic engagement Gardening and food systems	Bright Spot	On-Demand (recorded)
Planting the Seeds of a Grassroots Water Conservation Group	The dream of any Environmental Educator is to spark change, to see your lessons used to inspire conservation. Education, however, is just the seed. Join us as we discuss how that seed was planted and nurtured by place-based community action and collaboration with water resource managers in one Florida subdivision.	Amanda Marek, UF/IFAS Extension Service Marion County	October 9-20	24-hour access		Civic engagement Adult education Leadership and capacity building	Bright Spot	On-Demand (recorded)
Preschool Naturalists and Engineers: A Nature-Based STEM Curriculum Study	This study of a NAEYC accredited university-based laboratory nature-based preschool classroom found that children engaged in hundreds of interdisciplinary STEM activities. Curriculum was play-based, child-centered and occurred outdoors and indoors. Examples will illustrate opportunities embedded in nature based programs, and how rich authentic learning for diverse learners can be supported.	Ariadni Kouzelli, University of Delaware; Jennifer Gallo-Fox, University of Delaware	October 9-20	24-hour access		Early childhood NGSS/Common Core STEM	Bright Spot	On-Demand (recorded)
QUESTS: Virtual Great Lakes Water Literacy StoryMaps	University of Wisconsin has collaborated with educators around the state to develop the place-based virtual environmental educational tools—Great Lakes Quests. The project team has developed Great Lakes Quests in collaboration with faculty, K-12 educators, and researchers to connect students to conservation careers, increasing their interest in the environment.	Justin Hougham, University of Wisconsin-Extension	October 9-20	24-hour access		Climate change education STEM Middle & high school programs	Bright Spot	On-Demand (recorded)
Reinvigorating a Statewide EE Program	Since 2020, the Nebraska Forest Service has seen a major revitalization of its Conservation Education program. As of 2022 its programs touch the lives of 1 in 10 children in the state. Hear about the success of revitalizing partnerships and building capacity.	Jack Linden Hlgert, Nebraska Forest Service	October 9-20	24-hour access		Underserved audiences Leadership and capacity building Adult education	Bright Spot	On-Demand (recorded)

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Reverberations: Nature Sounds as Experience, Connecting Art, Science and Learning	The Reverberations Project explores the sound of our world from various points of view and through several ways of knowing: art and expression; science and technology; and teaching and learning. Learn about this collaborative project to engage in nature and the environment in an auditory way.	Susan Cox, USDA Forest Service; RL Martens, The Nature of Cities	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Arts	Bright Spot	On-Demand (recorded)
Seeking Educational Quality: Mancoeduca, an ESD Program	Mancoeduca has more than 30 years of experience. From Anthesis, the company that manages the service for the CCM, we embarked on the design and implementation of our own methodology that would help us to evaluate educational actions from a meaningful learning perspective and focused on sustainable development.	Marta Lacruz, Anthesis Lavola	October 9-20	24-hour access		Middle & high school programs Elementary school programs Civic engagement	Bright Spot	On-Demand (recorded)
STEM Projects to Support Your Community Garden	We will share stories of successful community partnerships that helped to enrich a summer STEM program in a rural mountain community. Middle school youth monitored environmental conditions in community gardens using programmable sensors and used 3D printers and Cad software to design ways to support pollinator gardens.	Melissa Susan Rummel, University Corporation for Atmospheric Research; John Daniel Rawley, UCAR; Emily Sirode-Breneman, UCAR (University Corporation for Atmospheric Research)	October 9-20	24-hour access		STEM Middle & high school programs Gardening and food systems	Bright Spot	On-Demand (recorded)
Student Artwork Imagining a Future Free of Marine Debris	Engage students with multimodal learning that weaves together disciplinary science, creative expression, and community action! The National Oceanic and Atmospheric Administration (NOAA) Marine Debris Program will demonstrate how to incorporate art and science into a creative lesson plan through the Annual NOAA Marine Debris Program Art Contest.	Alexandria Gillen, National Oceanic and Atmospheric Administration	October 9-20	24-hour access		Arts Elementary school programs Middle & high school programs	Bright Spot	On-Demand (recorded)
Studying and Protecting the Balingkokok (Cochlostyia Isononica) Through a Citizen Science Project	Through a citizen science project, elementary science students learn in situ the physical characteristics of balingkokok (Cochlostyia Isononica), a Philippine indigenous snail species—including its habitat, needs to survive, and use in the community. They learned how to protect and conserve balingkokok from extinction.	Vicente Callao Handa, Appalachian State University; Kathy Rose Sable Basa, West Visayas State University	October 9-20	24-hour access		Elementary school programs Traditional knowledge STEM	Bright Spot	On-Demand (recorded)
Symphony of Change: Education for Ocean Conservation in Nigeria	This session will highlight a conservation initiative in Ono state, Nigeria, that uses environmental education and plastic waste recycling to solve problems of ocean conservation and marine debris. The program leverages community efforts, locally based solutions, and indigenous knowledge.	Samuel Fajana	October 9-20	24-hour access		International EE Traditional knowledge Young professionals	Bright Spot	On-Demand (recorded)
The Benefits of Bringing the Outdoors into the Classroom	The application of biophilia, Attention Restoration Theory, and supporting empirical research shows viewing images of trees calms you, helps you focus and communicate. Students spend 90% of their school day indoors, often without outside views. See how greening classrooms by installing tree ceiling murals boosts academic engagement and emotional well-being.	Ernesto Rodriguez, Nature In The Classroom	October 9-20	24-hour access		Early childhood Elementary school programs Middle & high school programs	Bright Spot	On-Demand (recorded)
The Ocean Data Project: Monitoring Mi'kmaq Climate Health	SuperNOVA at Dalhousie University's Ocean Data Project leverages the strengths of Western Science and Indigenous Knowledge to educate about the critical role of the ocean in climate change. In schools across Nova Scotia, youth ages 8-14 are empowered to understand climate change through the ocean and a sense of place.	Ebory Elizabeth Demers, SuperNOVA at Dalhousie University	October 9-20	24-hour access		Climate change education Traditional knowledge STEM	Bright Spot	On-Demand (recorded)
The Outdoor Learning Toolkit	The Outdoor Learning Toolkit is a one-stop online resource that features effective tools, curriculum, lesson plans, activities, and more to get formal and non-formal educators comfortable with taking their students outdoors.	Allison Martin, Environmental Education of New Mexico	October 9-20	24-hour access		NGSS/Common Core STEM	Bright Spot	On-Demand (recorded)
The Outdoors as a Language Partner for Emergent Multilingual Children	Schools in the United States often struggle to meet the language development needs of emergent multilingual children. Good news: the outdoors is a fantastic partner as children learn a new language! Come learn about the experiences of emergent multilingual children when they went outside for Wilderness Wednesdays.	Anna Jennerjohn, University of Minnesota	October 9-20	24-hour access		Elementary school programs Justice, equity, diversity, inclusion, and accessibility Underserved audiences	Bright Spot	On-Demand (recorded)
The Power of Student Reflection on Cementing Environmental Literacy and Civic Skills	View a recording of students from Earth Force Challenges sharing their reflections on environmental civic action projects that they implemented this spring in their environmental clubs and classes. Making time for reflection and celebration is step 6 of the Earth Force Process and often overlooked. See for yourself the power in asking reflector questions.	Alyssa McConkey, Earth Force; Sarah Jennings, Earth Force; Kyrstan Dorfman, University of Michigan; Taylor Ruffin, Earth Force	October 9-20	24-hour access		Civic engagement Leadership and capacity building Middle & high school programs	Bright Spot	On-Demand (recorded)

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The String Game: An Introduction to Systems Change	This session will introduce the UK Youth Climate Coalition's workshop tool "The String Game" with which they engage community groups, challenging them to identify how climate justice intersects with many other injustices and how they can work together to find solutions and create meaningful and sustainable systemic change.	Ruarri Brogan, UK Youth Climate Coalition/RSPB Northern Ireland	October 9-20	24-hour access		Civic engagement Climate change education Leadership and capacity building	Bright Spot	On-Demand (recorded)
The Youth Outdoor Policy Partnership	The Youth Outdoor Policy Partnership is a collaboration of leading national organizations working across sectors to ensure that all children have access to high-quality outdoor experiences and environmental education. We aim to create tools, including a "policy playbook" that will help legislators and advocates make outdoor learning and recreation more equitable. Learn more in this bright spot!	Sarah Bodor, NAAEE	October 9-20	24-hour access		Early childhood Justice, equity, diversity, inclusion, and accessibility Middle & high school programs	Bright Spot	On-Demand (recorded)
Trees for Schools: Students Caring for Urban Ecosystems	Keep Omaha Beautiful developed the Trees for Schools program to inspire students to be stewards of a healthy urban ecosystem. This session describes how tailored, hands-on activities, cross-curricular studies, and student tree-planting events on school grounds help to make a tree-focused environmental education program successful.	Hannah Rennard-Ganley, Keep Omaha Beautiful	October 9-20	24-hour access		Underserved audiences Civic engagement STEM	Bright Spot	On-Demand (recorded)
Using Project-Based Learning and ESD to Develop Socioemotional Competency	How does project-based learning affect the socioemotional competencies of our learners? The answer isn't as simple as we once thought! Join this session to learn about how to implement project-based learning in an ESD context and see the results of what happens to our learners in the process.	Alexa Rose Petinari, UNSDSN Global Schools Program	October 9-20	24-hour access		International EE Leadership and capacity building Elementary school programs	Bright Spot	On-Demand (recorded)
What's in My Water? Learning About Watershed Protection	Citizens use How's My Waterway to learn about their water, explore data, and find out what's causing pollution or other issues in their community. Students and educators will use this tool to discover what is affecting their local waters and find ways to get involved to restore and protect them.	Kiki Schneider, EPA, Cynthia N Johnson, US EPA	October 9-20	24-hour access		Civic engagement STEM Middle & high school programs	Bright Spot	On-Demand (recorded)
A Virtual Mask and Snorkel: Immersive Films to Inspire Conservation	How can authentic and immersive visual media serve as a springboard to outdoor learning? Getting kids to see water differently and to see themselves in it, is what the films, imagery, and curricula for the Water Teachers Initiative at Freshwaters Illustrated are designed to do. Come catch a preview!	Kathy Chambliss, Freshwaters Illustrated, Jeremy Monroe, Freshwaters Illustrated	October 9-20	24-hour access		Middle & high school programs Traditional knowledge International EE	Hands-on Presentation	On-Demand (recorded)
Biodiversity Through Ages—Rwanda	To create an intergenerational exchange in climate education, we launched "Biodiversity Through Ages", a video series that involved 5 grandparents from Rwanda. The stories are centered on species' physical features and behavior descriptions, and navigate through human or economical activities that affected them and what the world could have looked like if such species existed.	Ghislain Irakoze, Wastezon	October 9-20	24-hour access		International EE Climate change education Traditional knowledge	Hands-on Presentation	On-Demand (recorded)
Climate 101 to Youth Leaders for Resilient Communities	This presentation will focus on the program Climate READY created by Florida Atlantic University's Pine Jog Environmental Education Center. In this interactive session, presenters will share how Climate READY has incorporated interactive activities to teach students about climate literacy and community resilience.	Natalee Good, FAU Pine Jog Environmental Education Center; Julie Buchanich, FAU Pine Jog Environmental Education Center; Rachel Weltman, FAU Pine Jog Environmental Education Center; Anne Henderson, Pine Jog Environmental Education Center	October 9-20	24-hour access		Climate change education Civic engagement Middle & high school programs	Hands-on Presentation	On-Demand (recorded)
Climate Change Action Through Inquiry Education	This session is designed to support educators' efforts to address the complex topic of climate change education in classrooms. Through the use of interactive strategies, new climate change education research, and high-quality teaching tools and resources, educators will walk away feeling more confident, prepared, and ready to take on this complex teaching challenge.	Jennifer Stevens, Learning for a Sustainable Future	October 9-20	24-hour access		Climate change education Middle & high school programs Civic engagement	Hands-on Presentation	On-Demand (recorded)
Creating and Sustaining Equitable Communities	This session will highlight learning activities from Justice Outside's Training and Support curriculum: Intention Setting in Engagement and Developing Transparent and Mutually Beneficial Relationships. The activities will help participants to create and sustain equitable communities through collaborative partnership while understanding historical impacts on communities of color.	TJ Ryan, Justice Outside; Jessica Rivas, Justice Outside; Mienna Kibel-Muhammad, Justice Outside; Cameron Navarro, Justice Outside	October 9-20	24-hour access		Adult education Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Hands-on Presentation	On-Demand (recorded)

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Creating Engaging Conservation Programming Using Mobile Augmented Reality	Wonders of Wildlife National Museum & Aquarium is using educational Augmented Reality (AR) games to teach kids and families about conservation! Join this session to learn about their on-site programming as well as Mission Conservation, their ongoing series of at-home mobile games and livestreams.	Audrey C Moore, Education Assistant Manager, Johnny Morris' Wonders of Wildlife National Museum & Aquarium; Mary Clark, CEG, Agents of Discovery	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility; Elementary school programs Middle & high school programs	Hands-on Presentation	On-Demand (recorded)
Deliberating Best Practices for Sustainability-Related Learning in Higher Education	This session will engage participants in exploring potential best practices related to the design and evaluation of sustainability-related learning in higher education. We will present findings from workshops on this topic hosted by the Global Council for Science and the Environment and facilitate an interactive deliberation of additional best practices.	Jordan King, Arizona State University	October 9-20	24-hour access		University programs Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Hands-on Presentation	On-Demand (recorded)
Empowering Ocean Champions Through Climate Change Pedagogies	Through constructivist activities and active discussions, learn how you can integrate climate change pedagogies and use our Ocean Wise education kits in various course curricula to empower and equip students with the tools, skills, and knowledge to become ocean champions.	Jessica Khoury, Ocean Wise	October 9-20	24-hour access		Climate change education Middle & high school programs Traditional knowledge	Hands-on Presentation	On-Demand (recorded)
Hands-On Human Ecology with 3D Models and Simulations	In this interactive session, engage in inquiry-based simulations, 3D modeling, and group collaboration that explore population ecology, human-environmental interactions, global land and water use, and possible pathways toward sustainability. Receive lesson plans and access to innovative digital tools for the classroom and informal site.	Laura Short, Population Education	October 9-20	24-hour access		NGSS/Common Core Middle & high school programs	Hands-on Presentation	On-Demand (recorded)
LNT Education Through an Environmental Literacy Framework	Most widely available Leave No Trace (LNT) curriculum emphasizes outdoor ethics: knowledge about specific behaviors one could engage in to minimize impact when recreating. Behavioral change is not driven by knowledge alone. This presentation provides practical resources for challenging students' ethical dispositions through simple, effective LNT lessons. Adult learners are the targeted demographic.	Adam Bavier, Colorado Mesa University	October 9-20	24-hour access		Adult education Middle & high school programs University programs	Hands-on Presentation	On-Demand (recorded)
Motivate Conservation Action Using Dragonflies, Hummingbirds, and Other Ambassador Species	The Half-Earth Project maps species to rally efforts to save them. Learn about the discovery of new species of dragonflies and hummingbirds and how migration effects conservation efforts. Share your ideas and stories on ways to use charismatic species to motivate audiences to protect all species and biodiversity worldwide.	Dennis Liu, E.O. Wilson Biodiversity Foundation	October 9-20	24-hour access		NGSS/Common Core Middle & high school programs Civic engagement	Hands-on Presentation	On-Demand (recorded)
Network for Network Leaders: A Model for Broader Impact	The 2023 Network for Network Leaders piloted the creation of a "backbone support network" for network leaders actively pursuing a more equitable, just, and influential outdoor/environmental field. This session will share lessons learned, showcase equity-centering approaches taken by network leaders, and model movement building practices.	Corinne Calhoun, Lawrence Hall of Science, UC Berkeley; Mo Henigman, Justice Outside; Rena Fidella Payan, Justice Outside; Alice Jasper, Color Out Here; bianca hernandez	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building Underserved audiences	Hands-on Presentation	On-Demand (recorded)
Pledging Eco Reciprocity Through Art and Nature Collaborations	Learn about and be inspired by the art of eco-based Indigenous artists, and create your own nature journal to serve as a way to reflect on your current and future relationship of reciprocity and responsibility with the earth.	Lori Santos, Wichita State University	October 9-20	24-hour access		Arts Traditional knowledge Justice, equity, diversity, inclusion, and accessibility	Hands-on Presentation	On-Demand (recorded)
Small Treasures, Big Discoveries: Using Collections to Cultivate Natural Connections	What's in your pocket? Discover how small treasures carried in kids' pockets led to the big discoveries of George Washington Carver, Jane Goodall, and an array of diverse scientists and conservationists—and how you can inspire similar discoveries. Learn hands-on, collection-based lessons appropriate for indoor/outdoor, formal/informal programming.	Heather Lee Montgomery, Little Mountain Forest School	October 9-20	24-hour access		Early childhood Elementary school programs NGSS/Common Core	Hands-on Presentation	On-Demand (recorded)
Student-Led Climate Action: Collaborating with Community	Empowered positive students can contribute to real climate change mitigation and adaptation work. Featuring examples of K-12 success, this session will offer a hands-on opportunity to create your own place-based project ideas (to pitch to your students to make their own) that will allow them to take action to connect with each other and their community.	Jade Berrill, CBEN	October 9-20	24-hour access		Climate change education STEM Arts	Hands-on Presentation	On-Demand (recorded)
Students as Ambassadors for the Bushveld and the C	Journey through South African, Greek and Spanish cultures and languages to form the foundation for bullying prevention, diversity, equity, and inclusion experiences. As immigrants, art, and educational professionals, these presenters engage participants in understanding how their multifaceted elementary school student populations can be positively impacted by intentional nature-based programming.	Hope Blecher, hope4education; Elani Theodorou, Noko the Knight	October 9-20	24-hour access		Elementary school programs Arts Justice, equity, diversity, inclusion, and accessibility	Hands-on Presentation	On-Demand (recorded)

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Technology Within EOE: Digital Nature Journalism with Smartphones	This presentation discusses how smartphone applications can be used for digital nature journalism. Participants will explore how digital technology can be managed within an outdoor and experiential setting to amplify participant engagement and reflection.	Thomasson McKinney, Western Carolina University	October 9-20	24-hour access		STEM Adult education Graduate student research	Hands-on Presentation	On-Demand (recorded)
The Arts, Owls, and Ecology: Scientific Informational Artists Books	Dive into a comprehensive arts integrated science and literacy unit focused on owls, their adaptations and ecology. Designed to deepen students' understanding of local and statewide ecosystems, this unit sparks stewardship and conservation of habitats, while promoting equity and engaging students in learning through critical thinking.	Anne Ackerman, Side x Side Inc.; Meghan Scribner, Side x Side Inc.	October 9-20	24-hour access		Arts Elementary school programs Underserved audiences	Hands-on Presentation	On-Demand (recorded)
The Earth as a Model for Diversity, Equity, Inclusion	Educators require concrete tools to facilitate conversations about diversity, equity, inclusion, & belonging (DEIB). Using nature as a role model, participants will learn hands-on environmental education activities that inspire self-reflection, dialogue, and action to explore issues of DEIB in a manner that is developmentally appropriate for their students.	Daniel Kriesberg, Friends Academy; Camille Simone, Friends Academy	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building Civic engagement	Hands-on Presentation	On-Demand (recorded)
Unleash Your Inner Environmental Storyteller: A Stone-Based Workshop for Educators	Discover the power of storytelling and connect with nature like never before! Join the Story Stone Play workshop and create your own unique stone story using modern and ancient approaches. You'll gain valuable tools to engage students and bond with the environment. Don't miss out on this hands-on, immersive experience!	Cyndera Quackenbush, Burka's School	October 9-20	24-hour access		Elementary school programs Traditional knowledge Arts	Hands-on Presentation	On-Demand (recorded)
Algae's Amazing Superpowers!	Learn about an exciting program called the Algae Academy. The Academy inspires scientific exploration by highlighting the potential of algae to address some of today's biggest challenges: providing a renewable fuel source, a sustainable food system, a tool to clean air and water, and a key ingredient in pharmaceutical innovations.	Amy Lang, University of MD Extension	October 9-20	24-hour access		Middle & high school programs STEM	Poster Presentation	On-Demand (recorded)
Building Our Community One Shining Light Each Night	Learn about a neighborhood art installation that reflects how, together, we thrive. Once the land of the Lenape, this neighborhood is now home to underserved multilingual populations. Outdoors, at the rail trail, volunteers designed and created the first-ever public wooden menorah. Each candle holder in this wooden sculpture reflects a facet of the community.	Hope Blecher, hope4education	October 9-20	24-hour access		Civic engagement Justice, equity, diversity, inclusion, and accessibility Spirituality	Poster Presentation	On-Demand (recorded)
Climate Change Education in Early Childhood Classrooms: A Nature-Based Approach	Climate change education is needed to respond to current and future impacts. This study surveyed 22 K-5 science teachers and interviewed four to better understand their climate change instruction. Findings indicate the importance of nature-based material resources. Implications are shared for elementary teachers and informal sectors.	Breanna Beaver, Youngstown State University; Lisa Borgerding, Kent State University	October 9-20	24-hour access		Climate change education Early childhood Elementary school programs	Poster Presentation	On-Demand (recorded)
Developing Community STEM Education Partnerships to Deepen Youth Experiences	How can community partnerships inspire youth to explore locally relevant environmental issues? Join us to discuss activating untapped resources within your STEM ecosystem and building community partnerships to provide real-world connectors to student investigations and exposure to STEM careers.	Melissa Susan Rummel, University Corporation for Atmospheric Research; John Daniel Rawley, UCAR; Emily Snodde-Breneman, UCAR (University Corporation for Atmospheric Research)	October 9-20	24-hour access		STEM Middle & high school programs Underserved audiences	Poster Presentation	On-Demand (recorded)
Developing Interdisciplinary Participatory Science for Under-Resourced Youth Alongside Watershed Researchers	Spinning Salmon involves watershed scientists collaborating with teachers and students to monitor behavioral effects of Thiamine Deficiency Complex in an ongoing iterative program across 5 CA counties. The interdisciplinary approach allows participants from both continuation and traditional high schools as well as college opportunity programs to engage in this project.	Margaret (Peggy) Harb, University of California, Davis Center for Community and Citizen Science	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Middle & high school programs Underserved audiences	Poster Presentation	On-Demand (recorded)
Diversifying Outreach to Increase Knowledge of a Sediment Remediation Project	This presentation will highlight the diverse education strategies, tools, and approaches utilized for successful community engagement as environmental remediation and restoration progressed at a contaminated sediment site near a neighborhood. Taking a diversified approach to outreach met a variety of different user needs and increased access to environmental education.	Ashley J. Belle, Illinois-Indiana Sea Grant	October 9-20	24-hour access		Adult education Civic engagement Justice, equity, diversity, inclusion, and accessibility	Poster Presentation	On-Demand (recorded)

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EcoDistress to EcoWellness: Unpacking Struggles with Climate Change in Group Therapy	EcoDistress to EcoWellness: Unpacking Struggles with Climate Change in Group Therapy details a support group framework that utilizes psychoeducational and counseling group formats to explore responses to climate change by replacing distressed emotional states of eco-anxiety, eco-grief, eco-guilt, eco-anger, and eco-depression with ecowellness	Lisa M. Huelskamp, The Ohio State University	October 9-20	24-hour access		University programs Climate change education Justice, equity, diversity, inclusion, and accessibility	Poster Presentation	On-Demand (recorded)
Fostering Local Engagement in Community Science Programs Enhances Data Collection for Large-Scale Projects	Nature's Notebook has been used by educators since 2009 to make connections between their guests and/or students with the natural world around them. In this session, you will learn more about their Local Phenology Program model and the importance of fostering community when developing a citizen-science based education program.	Samantha Brewer, USA-National Phenology Network	October 9-20	24-hour access		Middle & high school programs University programs Climate change education	Poster Presentation	On-Demand (recorded)
Highlighting the Program Diversity of Outdoor Learning in New Mexico	In this poster presentation, the audience will learn how the New Mexico Public Education Department has supported ten local education agencies to create outdoor learning programs and highlight the diversity of programs, community centered nature, and how they support culturally rooted practices.	Vanessa Barela, Environmental Education of New Mexico; Theresa A Baca-Radler, New Mexico Public Education Department	October 9-20	24-hour access		Elementary school programs Justice, equity, diversity, inclusion, and accessibility Middle & high school programs	Poster Presentation	On-Demand (recorded)
Impact of Environmental Education on the Practice of Waste Segregation	Findings from the study shows that there was a significant difference in practice of waste segregation among students exposed to environmental education, compared to those not exposed to same, hence emphasizing the impact and relevance of environmental education to waste segregation practice.	Norris Igbinoza Embabor, University of Benin, Nigeria	October 9-20	24-hour access		International EE Civic engagement Graduate student research	Poster Presentation	On-Demand (recorded)
Increasing Capacity for Environmental Education and Community Science in Clear Lake	This poster describes the development of capacity for environmental education and youth engagement in community science that supports ongoing regional stewardship efforts in the Clear Lake region of California.	Sarah Simone Angulo, UC Davis School of Education; Margaret (Peggy) Harle, University of California, Davis Center for Community and Citizen Science	October 9-20	24-hour access		Civic engagement Underserved audiences Leadership and capacity building	Poster Presentation	On-Demand (recorded)
Mapping A Community's Environmental Education Landscape	It is not easy to create EE interventions that encourage community-wide participation and leave behind transformative, emancipatory change. EE landscape mapping spotlights a community's own concerns, experiences, preferences, and recommendations, putting their needs first. A study described in this poster explains why, and how to, do so.	Victoria M Exley, Ca' Foscari University of Venice	October 9-20	24-hour access		Adult education Civic engagement Graduate student research	Poster Presentation	On-Demand (recorded)
Mapping ee360+ and Justice40	For this poster, Justin Meyer, Joe Heimlich, and Laura Weiss from COSI's Center for Research and Evaluation will describe their mapping strategy to show ee360+'s impact in disadvantaged communities, as well as provide a variety of maps and data visualizations that communicate examples of ee360+ partner work geographically.	Justin Reeves Meyer, COSI; Joe E. E. Heimlich, COSI; Laura Weiss, COSI CRE	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility	Poster Presentation	On-Demand (recorded)
Nurture Natives: Empowering Teens to Conserve and Restore Pollinator Habitats	Pollinator populations are in serious decline around the globe. When young people learn about pollinators and their challenges, they are eager to act. Nurture Natives is a story of inspiring state-wide impact through teen empowerment. Learn how you can replicate this effort to support pollinators in your community.	Amy Lang, University of MD Extension	October 9-20	24-hour access		Civic engagement Leadership and capacity building Middle & high school programs	Poster Presentation	On-Demand (recorded)
Opus Tessellatum: Creating Sense of Belonging Through Art and Nature	Art inspired in nature and traditional crafts are means to reunite communities and foster collaborative work. Opus Tessellatum is a mosaic form of small pieces. Each piece represents an artistic view of the participants about nature. This work gathered people of all ages in an artistic transformation of the Municipality.	Nicole Moret Schramm, The Handprint Initiative/Arts plásticas Españaguera	October 9-20	24-hour access		Arts Civic engagement Leadership and capacity building	Poster Presentation	On-Demand (recorded)
Our Equity, Diversity, Inclusion, and Justice Strategic Planning Journey	Ready to begin your Equity, Diversity, Inclusion, and Justice (EDI) initiatives? Learn from our two year process of developing and refining an EDI strategic plan for our environmental education graduate and youth programs. This poster summarizes our program's steps taken, lessons learned, key considerations, funding avenues, and resources.	Hannah Calloway, Trending Embers LLC; Teresa Coker, Southern Oregon University	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Underserved audiences University programs	Poster Presentation	On-Demand (recorded)

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Precipitating Change with Alaskan and Hawaiian Schools: Exploring Coastal Change	We are a partnership bringing together Alaskan and Hawaiian schools in predominantly Native communities; local cultural knowledge holders; and a mix of Indigenous and Eurocentric scientists, educators, and researchers. Together, we're exploring approaches and challenges to designing, implementing, and refining multi-perspective, middle school science instruction exploring coasts and coastal change.	Bruce Kafni Watson, University of Hawaii at Manoa; Carolyn Staudt, Concord Consortium; David Reider, Education Design; Texas Gail Raymond, STEM Education Consultant; Noelani Punawai, University of Hawaii at Manoa; Ho'oualiuhui Erika Perry, Aloha 'Aina Education Center; Tom Moher, University of Illinois at Chicago; Lorraine A. Masterman, Yup'ik Educator and Education Consultant; Joy Messicotte, Concord Consortium; Nicolette Frank, University of Montana; Beth A. Covitt, University of Montana; Dale Cope, University of Kansas at Lawrence	October 9-20	24-hour access		Middle & high school programs STEM Traditional knowledge	Poster Presentation	On-Demand (recorded)
Putting Social Studies at the Heart of Place-Based Community-Based Education	In a place-based community-based outdoor education program, teachers are building programs with communities, for communities, that meet their needs. This presentation will capture the connections between Social Studies and Place-Based Community-Based Education, emphasizing how to use the Social Studies Standards to frame outdoor education programs that are grounded in place-based community-based practices.	Theresa A Baca-Radler, New Mexico Public Education Department	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Traditional knowledge	Poster Presentation	On-Demand (recorded)
Teaching Environmental Awareness Using the Community Park Audit Tool	This presentation describes the use of the Community Park Audit Tool (CPAT) with undergraduate students in teacher education and public health. Of focus is how the CPAT increases students' awareness of local park resources, inequities in park access and amenities, and motivation for environmental advocacy in their respective professional fields.	Russell K McIntire, Lehigh University; Katie A Bucher, Community College of Philadelphia	October 9-20	24-hour access		Civic engagement Leadership and capacity building University programs	Poster Presentation	On-Demand (recorded)
The Trees Around the GLOBE Student Research Campaign: 5 Years	The Trees Around the GLOBE Student Research Campaign has been running for 5 years. The campaign, active in 60 GLOBE Program countries, focus on the science and research of tree height, land cover, greenings, and the carbon cycle. Come learn about the last 5 years of bringing science and student research together.	Brian Andrew Campbell, NASA and GSRT, Inc.	October 9-20	24-hour access		Climate change education STEM Middle & high school programs	Poster Presentation	On-Demand (recorded)
Using Formative Assessment Probes to Help Moderate EE Science Understanding	Preservice Elementary Science Methods students learn to use formative assessment probes written by Page Keeley to help them assess student knowledge of science and EE topics prior to teaching science in the classroom. These probes elicit information focusing on common preconceptions and misconceptions found in science and EE.	Jeanine M Huss, Western Kentucky University	October 9-20	24-hour access		University programs Elementary school programs NGSS/Common Core	Poster Presentation	On-Demand (recorded)
A Festival of Festivals: EE Events Connecting Nature Classrooms	EE festivals are a popular model for delivering environmental education to students during the academic day all across the country. During this session, we will hear from a variety of organizations who coordinate events in Nebraska. Panelists will discuss lessons learned, best practices, and ideas for innovation in this space.	Jack Linden Hilgert, Nebraska Forest Service; Amber Pearson, USFS; Wendy Garzon, Lauritzen Gardens; Julia Pluge, Nebraska Game & Parks Commission; Amanda Fijak, Nebraska Game and Parks Commission	October 9-20	24-hour access		Elementary school programs Underserved audiences Leadership and capacity building	Symposium	On-Demand (recorded)
Blessed Unrest: Community EE Collaboratives in Local and Global Conversation	How do diverse community learning collaboratives aspire to "Think Globally, Act Locally" together? Through local stories and transnational networks, movements help each other become institutional changemakers, often with only loose relations to formal institutional hierarchies. Join diverse US and Australian practitioners in sharing lessons learned from local/global conversations.	David Silverman, CEE-Change Fellow; Melanie Schkore, CEE-Change Fellow, 2021-22; Monty Moore, Oregon Willow Works; Michael Vasquez, Annie Mims NAAACP Community Gardener; Ernest Marcum, Waste Action Maleny; Jenni Harmony, Waste Action Maleny; Franço Matarland, Chicago State University; Jerrel Brown, Eugene-Springfield NAAACP Climate Justice Committee; Jenni Harmony, Waste Action Maleny	October 9-20	24-hour access		Civic engagement Justice, equity, diversity, inclusion, and accessibility Gardening and food systems	Symposium	On-Demand (recorded)
Culturally Inclusive Teaching in Youth Gardens	Learn how to celebrate cultural diversity by providing windows and mirrors for children through garden education. This panel discussion presents major takeaways from KidsGardening's Culturally Inclusive Teaching in the Garden webinar series with several of the original presenters. Viewers will be given ideas they can implement to create a more culturally inclusive youth gardening program.	Noel S Nicholas, KidsGardening; Dialfuz R. Williams, Portland State University; Sheila Williams, University of Illinois at Urbana-Champaign; Meda DeWitt, KidsGardening; Daniel Barrera, KidsGardening	October 9-20	24-hour access		Gardening and food systems Elementary school programs Justice, equity, diversity, inclusion, and accessibility	Symposium	On-Demand (recorded)

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360 Video as a Tool to Create Remote Experiences with Nature	This session will explore how educators can use 360 video as a tool to capture locations in nature in a manner that allows learners to experience and interpret places. Topics include field techniques, pedagogical considerations, and opportunities to use technology to address geographic, financial, and physical barriers to experiencing nature.	Matthew Alan Clay, Fort Hays State University	October 9-20	24-hour access		Climate change education NGSS/Common Core STEM	Traditional Presentation	On-Demand (recorded)
A Co-Designed Curriculum to Support Personal, Community, and Ecological Resilience	Resilience provides a lens to examine how humans, communities, and ecosystems can survive and thrive in difficult scenarios through hope and action. Come hear about our multidisciplinary resilience curriculum, how we collaboratively designed this curriculum with local partners, and how you can incorporate resilience in your unique learning context!	Aurora McColium, Duke University Marine Lab; Kelsey Tayne, North Carolina State University; Elizabeth DeMatta, Duke University Marine Lab; Kathryn Stevenson, NC State University; Patrick Jeffs, The Resiliency Solution; K. C. Busch, North Carolina State University; Nils Peterson, NC State University; Matthew Turpin, Morehead City Middle School; Betsy Vorster, Beaufort Middle School; Stacy Ham, Morehead City Middle School; Max Smith, Beaufort Middle School; Robert Condie, Broad Creek Middle School; Kayla Ippok, Broad Creek Middle School; Lindsey Fodrie, Down East Middle School; Mary-Katherine Dufour, Down East Middle School; Charlotte Johnson, Down East Middle School	October 9-20	24-hour access		Civic engagement Leadership and capacity building Middle & high school programs	Traditional Presentation	On-Demand (recorded)
A Pilot Evaluation of West Virginia State Youth Conservation Camp	Studies reported a need for stronger environmental education among youth. Educational efforts towards improving environmental concerns and stewardship among youth are through camps, but evaluation studies to assess this connection are minimal. We present the result of a pilot evaluation of a 1-week conservation camp implemented in rural West Virginia.	Adelara Ogunade, West Virginia University Extension Service; Megan Kruger, West Virginia University Extension Service	October 9-20	24-hour access		Middle & high school programs University programs Underserved audiences	Traditional Presentation	On-Demand (recorded)
A University Engineering & Education Collaboration to Bring Participatory Design to H.S. Assessment	At our university, we included engineering students in an educational assessment course to investigate participatory design. Collecting stakeholder data illuminated the UN Sustainable Development Goals at work in our locality. Our work with stakeholders deepened our understanding of sustainability issues and amplified voices often not heard in local decision-making.	Tim Thomas, College of Education, James Madison University	October 9-20	24-hour access		Civic engagement University programs Middle & high school programs	Traditional Presentation	On-Demand (recorded)
Activating Site and District Partnerships for Transformative, Everyday Environmental Education	Environmental education is often championed by individual teachers or grades, meaning student access to environmental education is uneven. To institutionalize environmental education, SEI is activating partnerships and programs at the campus, district, and county levels. Learn about two SEI programs that operate at scale, ensuring equitable access to environmental education.	Emily Malien, SEI	October 9-20	24-hour access		Gardening and food systems Leadership and capacity building Young professionals	Traditional Presentation	On-Demand (recorded)
Advancing Environmental Literacy Development Through In-Depth Teaching	Aligned with cognitive and language theories, this session highlights a teaching approach that promotes children's environmental literacy development more impactfully. The teaching approach involves the interrelated approaches of describing specific features and formulating greater relationships.	Yash Bhagwanji, Florida Atlantic University	October 9-20	24-hour access		Early childhood Elementary school programs STEM	Traditional Presentation	On-Demand (recorded)
Advancing Environmental Literacy via Creative Partnerships	This session will focus on how Allegheny Land Trust helps advance Pennsylvania's statewide environmental literacy plan by working with unique and nontraditional partners such as utility companies, libraries, foundations, and more.	Julie Travaglini, Allegheny Land Trust	October 9-20	24-hour access		Underserved audiences Civic engagement Climate change education	Traditional Presentation	On-Demand (recorded)
Amplifying Impact Through Strategic Partnerships and Collaboration	Collaborating can seem overwhelming, leaving us wondering who to work with and how to avoid conflict. A Peruvian NGO, a nonprofit, and a zoo have shifted their focus to increase their impact while maintaining their individual missions. Our work sets an example for other organizations to join forces and amplify their collective impact.	Megan McDaniel, Conservación de la Naturaleza Amazónica del Perú, AC; Claire Lanoye-Hall, Detroit Zoological Society; Christa Dillabaugh, Morpho Institute	October 9-20	24-hour access		Leadership and capacity building International EE	Traditional Presentation	On-Demand (recorded)
Bacanora for Bats: Merging Agriculture and Conservation	Bacanora for Bats is a project to promote sustainable Bacanora production by merging agriculture and conservation. Through education and awareness, the project seeks to conserve agaves and migratory bats, while promoting the implementation of agroecological guidelines and the "No Bats, No Bacanora" distinctive to ensure a sustainable future for the Bacanora industry.	Valeria Cañedo Montaño, Centro de Colaboración para la Ciencia y Cultura S.C.	October 9-20	24-hour access		Adult education Traditional knowledge Justice, equity, diversity, inclusion, and accessibility	Traditional Presentation	On-Demand (recorded)

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Biodiversity: Public Libraries Connecting Children to the Natural World	This summer, we worked with all ten public libraries in our city to offer a widespread children's ecological education class in a biodiversity hotspot. Our team worked with 500+ children across our city to build wildlife cameras and then direct their use to explore, understand and tell stories about Guatemala's Maya Biosphere Reserve.	Alex N Hornstein, Ex. Inc; Jasmine Gulbrod, Rhode Island School of Design	October 9-20	24-hour access		Civic engagement Elementary school programs Middle & high school programs	Traditional Presentation	On-Demand (recorded)
Bring Math and Reading Outside into the Schoolyard and Neighborhood	In grades K-5, outdoor learning is typically reserved for science, yet most of our instructional time is spent on math and reading. In this session, learn practical ways to utilize your schoolyard and neighborhood to teach core academic skills such as numeracy, multiplication, phonics, and writing.	Rachel Todd, Wild Learning, University of Wisconsin Stevens Point	October 9-20	24-hour access		NGSS/Common Core Elementary school programs STEM	Traditional Presentation	On-Demand (recorded)
Climate Change Can Be Scary, but Teaching It Doesn't Have to Be	What does effective climate education look like? That was the question we faced when creating a basic climate education workshop. Join us as we share our journey from planning a basic workshop to a full training series designed to meet the needs of educators at different stages of climate education integration.	Mary Westlund, Maryland Association for Environmental and Outdoor Education, Aisa Fried, Maryland Association for Environmental and Outdoor Education	October 9-20	24-hour access		Climate change education Elementary school programs Middle & high school programs	Traditional Presentation	On-Demand (recorded)
Climate Education with an Equity Focus	Without focusing on equity, climate education, restoration efforts, and conservation activities fall short of sustaining progress. The differential adverse effects of habitat loss and environmental degradation on marginalized communities warrant environmental education to integrate equitability in all areas.	Shanti Srinivas, Galen College of Nursing	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Gardening and food systems Climate change education	Traditional Presentation	On-Demand (recorded)
Community Stewardship Facilitator AmeriCops: Connecting Research to Practice	Increased sense of place and social capital has been shown to support place-specific environmental collective action. Informed by this research, we designed a novel civic engagement AmeriCops program focus on environmental justice communities in Minnesota. We will describe what we learned during the pilot year of the program.	Sharon Delcambre, ServeMinnesota	October 9-20	24-hour access		Civic engagement Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Traditional Presentation	On-Demand (recorded)
Connecting to the Land and Each Other: A Reconciliation Collaboration	In a years long journey, a group of non-indigenous women collaborated with local Elders to create a video about different ways of connecting to the land. The Elders' stories changed the project, and our relationships to each other. Learn about our mistakes, our learnings, and hear from the Elders involved.	Emma Elizabeth Austford, Fuse Consulting Ltd.	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Traditional knowledge Leadership and capacity building	Traditional Presentation	On-Demand (recorded)
Cultivating Environmental Identities and Sensibilities Through Camp	The Houston Zoo shares how it dug deep to apply theoretical underpinnings of environmental identity to the implementation and evaluation of their summer camp program. The camp moves beyond fun and satisfaction measures to targeting development of environmental identities, curiosity for nature, and motivation to take environmental action.	Joy Kubarek, Inform Evaluation & Research; Amanda Lindell, Inform Evaluation & Research; Nicholas Larberg, Houston Zoo; Melissa Wong, Houston Zoo	October 9-20	24-hour access		Middle & high school programs Elementary school programs	Traditional Presentation	On-Demand (recorded)
Developing and Implementing an Asset-Based Undergraduate Environmental Civic Engagement Fellowship	We developed an environmental civic engagement fellowship for underrepresented students. The asset-based approach allowed the program to leverage resources, knowledge, and experiences students brought with them while enhancing areas where they felt they needed support. We will share our model and discuss how it can be used with other groups.	Megan E Ennes, University of Florida; Melanie Giangreco, University of Florida; Rebecca Burton, University of Florida; Thompson Earth Systems Institute; Sadie Mills, Thompson Earth Systems Institute	October 9-20	24-hour access		Civic engagement Underserved audiences University programs	Traditional Presentation	On-Demand (recorded)
Developing Civically Engaged Youth Through Project- and Place-Based Learning	This presentation will focus on the program, Growing Our Urban Earth Force (GO UEF), created and implemented by Florida Atlantic University (FAU) Pine Jog Environmental Education Center. Presenters will discuss the program's successes and lessons learned, projects created by student cohorts, and highlight cases of student leaders.	Julie Buchanich, FAU Pine Jog Environmental Education Center; Natalie Good, FAU Pine Jog Environmental Education Center; Gregory Alexander Goebel, FAU Pine Jog Environmental Education Center	October 9-20	24-hour access		Civic engagement Middle & high school programs Underserved audiences	Traditional Presentation	On-Demand (recorded)
Developing Students' Systems Thinking with Education for Sustainable Development Goals	Undoubtedly, there is no more powerful force than education to transform our world and redirect humanity towards a sustainable path. Education is an essential tool to develop students' skills needed for sustainable development. Therefore, this research aims to develop students' systems thinking skills with the context of Sustainable Development Goals.	Auli Kocoulu, Yildiz Technical University	October 9-20	24-hour access		Elementary school programs International EE NGSS/Common Core	Traditional Presentation	On-Demand (recorded)
Do the Rot Thing: Engaging Communities to Promote Waste Diversion	The session presents community-based composting as a method to temper climate change, reduce food waste, and advance community resilience through active engagement and education.	Kenzie Jackson, University of Arizona Office of Sustainability; Nat Schwark, University of Arizona Office of Sustainability; Grace Adams, University of Arizona Office of Sustainability	October 9-20	24-hour access		Climate change education University programs Gardening and food systems	Traditional Presentation	On-Demand (recorded)

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Educating Through Multicultural Food Gleaning for the Greater Good with Refugees	Iskashltaa is building and strengthening a sustainable, cross-culturally rich community with connectors for displaced people/immigrants through reducing wasted food with an emphasis on backyard harvesting of edible trees, incorporating education on the local food system, food waste, recycling, composting, and general sustainability for 20 years contributes to Tucson resiliency.	Barbara Eiswerth, Iskashltaa Refugee Network/UK	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Gardening and food systems Civil engagement	Traditional Presentation	On-Demand (recorded)
EE for People with Disabilities: Equitable Recipes for Thriving Together	This presentation will provide a brief overview of best practices in Environmental Education programming to facilitate accessibility for people with disabilities. Participants will learn about and discuss barriers to participation from the perspectives of providers and participants, positive outcomes, and recommendations for future work.	Tracy Radcliffe, Slippery Rock University; Rebecca Thomas, Slippery Rock University	October 9-20	24-hour access		Graduate student research Justice, equity, diversity, inclusion, and accessibility Underserved audiences	Traditional Presentation	On-Demand (recorded)
EECamp: Grassroots Speaker Events to Engage Community	EECamp is a community-driven event where the attendees are the presenters! This gives the spotlight to members of the community to share their knowledge, passion, and expertise.	Carlos Matutes, Environmental Education of New Mexico	October 9-20	24-hour access		Civic engagement Underserved audiences Justice, equity, diversity, inclusion, and accessibility	Traditional Presentation	On-Demand (recorded)
Effective Strategies for Launching and Managing Local Environmental Education Networks	Local networks of environmental education sprout all around us; some succeed and grow, and some collapse and disappear. What makes a network successful? In this session, we will use a case study in San Mateo, California, offer a model for organizational strategies that support the initiating and managing of a local EE network.	Naama Sadan, University of California Berkeley	October 9-20	24-hour access		Leadership and capacity building Middle & high school programs Elementary school programs	Traditional Presentation	On-Demand (recorded)
Empowering Environmental Ambassadors Everywhere	How do you create a green tidal wave of environmental advocacy that begins with just one drop or one act? Easily—by empowering and inspiring others to Think Green, Do Green, and Be Green! Get green ideas for a plethora of environmental initiatives.	Hannah Mae Purcell, Air Base K 8 Center	October 9-20	24-hour access		Elementary school programs Middle & high school programs	Traditional Presentation	On-Demand (recorded)
Energy Transition and Climate Change: A Model for Engaging Students	Conversations around energy transition and climate change can be intimidating or out of reach for students. Join Inside Education to learn our format for connecting students with the experts and experiences that help them discover that change is not just possible, but already underway.	Mia Mezel, Inside Education	October 9-20	24-hour access		Climate change education Elementary school programs Middle & high school programs	Traditional Presentation	On-Demand (recorded)
Engaging High School Students In Missouri Through Deliberative Climate Change Forum	Discover transformative climate education in action! Join our engaging forum where diverse high school students collaborate, share ideas, and develop effective strategies to tackle climate change. Witness the power of inclusive dialogue, fostering hope and inspiring positive action for a sustainable future. Don't miss this eye-opening, interactive experience!	Cristhian Francisco Restrepo, Penn State University; Danielle Frank Lawson, The Pennsylvania State University	October 9-20	24-hour access		Climate change education Civic engagement Graduate student research	Traditional Presentation	On-Demand (recorded)
Engaging Rural Audiences: Enhancing Environmental Learning Experiences Through Technology	Among the challenges facing environmental educators are methods for engaging and educating diverse families in outdoor settings. This session will explore research in how mobile technology can be used to enrich outdoor experiences for rural audiences, and present findings from interviews with environmental educators on changing public engagement strategies.	Scott Burg, Rockman et al; Heather Toomey Zimmerman, Penn State University; Camellia Sanford-Dohy, Rockman et al; Lucy R. McClain, Shaver's Creek Environmental Center, Penn State University; Anna Jermoloff, University of Minnesota	October 9-20	24-hour access		Adult education Civic engagement Underserved audiences	Traditional Presentation	On-Demand (recorded)
Enriching the Environmental Science Curriculum with Citizen Science and Art	This presentation will show how teaching environmental science may be enhanced by using the NASA GLOBE Observer activities and observations, field trips, and nature journaling along with environmental concepts and issues as read in the news. This makes learning about the environment more engaging, fun, and informative.	Agnes Pasco Conaty, NASA/GLOBE Observer Program/SSAI	October 9-20	24-hour access		University programs STEM Arts	Traditional Presentation	On-Demand (recorded)
Environment, Identity, Culture: Teachers in New Zealand Early Childhood Education	The confluence of environment and culture in early childhood education becomes especially significant in an increasingly multicultural Aotearoa New Zealand. My research explores migrant teachers' culturally oriented perceptions and cross-cultural transference of their environmental identities, experiences, teaching philosophies and practices with reference to the early learning curriculum framework Te Whāriki.	Devika Rathore, The University of Waikato	October 9-20	24-hour access		Early childhood Justice, equity, diversity, inclusion, and accessibility Graduate student research	Traditional Presentation	On-Demand (recorded)
Environmental Education for Stormwater Stewardship	This study examines the effectiveness of environmental education modules for a series of Green Stormwater Infrastructure (GSI) projects in Pittsburgh, PA. Through surveys, interviews, and document analysis, the study aims to identify best practices for promoting awareness and behavioral change in GSI education initiatives, filling a literature gap in the field.	Mahasa Adib; Hong Wu, Penn State University	October 9-20	24-hour access		Civic engagement Graduate student research Justice, equity, diversity, inclusion and accessibility	Traditional Presentation	On-Demand (recorded)

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Evaluating the Conservation Impact of Public Guided Tours	Join us for an interactive case study on sea turtle conservation education at a research and rehabilitation center in Florida. Prepost surveys were designed and implemented using a standardized methodology to evaluate the impact of conservation-related attitudes, beliefs, willingness to act, and self-efficacy of Public Guided Tours at the facility.	Madeline Girgis, University of Miami Rosenstiel School of Marine, Atmospheric, and Earth Science	October 9-20	24-hour access		Graduate student research Climate change education	Traditional Presentation	On-Demand (recorded)
Finding Common Ground With Asynchronous Online Issues Forums	Can Environmental Issues Forums be successfully used in an asynchronous online course? Join me to learn how this established collaborative approach has been modified for a virtual audience helping participants address controversial issues to find common ground. Hear about opportunities and challenges faced for advancing civic engagement with new audiences.	Teresa Coker, Southern Oregon University	October 9-20	24-hour access		Civic engagement University programs Justice, equity, diversity, inclusion, and accessibility	Traditional Presentation	On-Demand (recorded)
From UL Research to Student Action	UL Research Institute's Office of Research Experiences and Education transformed the Electrochemical Safety Research Institute's lithium-ion battery research into an environmental education framework for student engagement in solutions to supply chain sustainability problems. Come to understand Xploraba as a potential catalyst to inspire and solve through relevant science and engineering.	Jess Sparacino, UL Research Institutes; Amy V Gilbert, Underwriters Laboratories Research Institutes (ULRI) Office of Research Experiences and Education (OREE)	October 9-20	24-hour access		Middle & high school programs NGSS/Common Core Leadership and capacity building	Traditional Presentation	On-Demand (recorded)
Great American Camp Out: Building Nature Appreciation Through Community Partnerships	The Great American Camp Out started as a National Wildlife Federation initiative to get families outdoors and enjoy all that nature has to offer. Our partnership between Seattle Parks and Recreation, Duwamish Neighborhood Development Association, Seattle Housing Authority, and National Wildlife Federation has expanded this idea and made it a culturally relevant community camping experience.	Nicole Parish-Andrews, Seattle Parks and Recreation; Nicolaas Hernandez, Seattle Parks and Recreation	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Arts Underserved audiences	Traditional Presentation	On-Demand (recorded)
Green Places, Safe Spaces: Supporting Today's Youth	A mental health epidemic, widespread anti-LGBTQIA+ legislation, a changing climate, and acne. The youth participants of our programs are the future leaders of conservation. Regardless, everyone deserves a place to get nerdy about nature. How do we make sure that they find safety, solace, and enjoyment in our programs?	Mollie Flowers, Project Dragonfly	October 9-20	24-hour access		Middle & high school programs Justice, equity, diversity, inclusion, and accessibility Climate change education	Traditional Presentation	On-Demand (recorded)
Groundwork's Green Team Youth Education Program	Groundwork's Green Team Youth Education Program utilizes a unique approach for engaging students to community STEAM projects. Working with community partners and local schools allows this program to provide exposure to jobs, hands on educational experiences, while creating award equity through service to the community.	Jayedah Edwards, Groundwork Ohio River Valley; Luis Aguilar, Groundwork Ohio River Valley	October 9-20	24-hour access		Middle & high school programs Leadership and capacity building Justice, equity, diversity, inclusion, and accessibility	Traditional Presentation	On-Demand (recorded)
Measuring Connection: Environmental Education's Impact on Students' Connectedness to Nature	Discover how research is elucidating the impact of formal and non-formal environmental education on students' feelings of connectedness to nature. This cutting edge inquiry explores the impact that emotional connection, developed during formal and nonformal environmental education experience, has on elementary and middle school age students' environmentally responsible behavior.	Dylan Burgevin, Towson University; Sarah Haines, Towson University	October 9-20	24-hour access		Elementary school programs Graduate student research Middle & high school programs	Traditional Presentation	On-Demand (recorded)
Nature for All: Advancing Equity at an Environmental Education Center	Join Shaw Nature Reserve's education team on a journey towards making "Nature for All" more than just words. From removing barriers and redesigning curriculum to fostering feelings of comfort and belonging, we'll explore the ways we've worked to transform our school, youth, and community programs into nature-focused, culturally relevant learning experiences.	Jessie Dockins, Shaw Nature Reserve; Beth Adams, Shaw Nature Reserve; Michelle Bonebrake, Shaw Nature Reserve	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Underserved audiences Elementary school programs	Traditional Presentation	On-Demand (recorded)
Nature in a Metropolis? One School's Journey into Nature-Based Learning	Nature-based learning and forest schools make sense, but is it possible in a metropolis? This case-study style presentation will share the 5 Big Steps we took and review the year-long implementation process of successfully launching Little Environmentalists for our Early Years division in the megalopolis of Shanghai, China. Nature is possible anywhere!	Sonia Barghani, Shanghai Singapore International School	October 9-20	24-hour access		Early childhood	Traditional Presentation	On-Demand (recorded)
Nature Preschools in the United States: 2022 National Survey Results	Nature preschools are growing rapidly in the U.S. The Natural Start Alliance conducted a national survey of programs, and this session will provide an overview of growth of nature preschools, characteristics of children and educators in these programs, and will provide examples of the variety of program types now available.	Christy Merrick, NAAEE; Emily Van Laan, NAAEE	October 9-20	24-hour access		Early childhood	Traditional Presentation	On-Demand (recorded)

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NSF WATERS Curriculum Project and UDL Research Findings	Researchers and curriculum designers will share the new public version of the middle school Watershed Awareness using Technology and Environmental Research for Sustainability (WATERS) curriculum, iteratively refined through 4+ years of research about the use and impact of universal designed for learning enhancements.	Steve C. Karlin, Stoud Water Research Center; Nanette Marcum-Dietrich, Millersville University of Pennsylvania; Carolyn Slawit, Concord Consortium; David Kline, Stoud Water Research Center	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Middle & high school programs NGSS/Common Core	Traditional Presentation	On-Demand (recorded)
Organizational Culture and Staff Motivation: Implications for Program Quality	Our research over the past two decades has revealed how organizational culture can influence the motivations and wellbeing of educators, which yield observable impacts on the outcomes of program participants. We will share evidence of these effects and discuss strategies for building organizational cultures that help educators perform their best.	Marc Stern, Virginia Tech; Robert B Powell, Clemson University	October 9-20	24-hour access		Leadership and capacity building	Traditional Presentation	On-Demand (recorded)
Pocket Prairies and Pollinators Summer Program for Native American Youth	How can we get more pollinator gardens planted in public parks in low-income neighborhoods and use them for environmental education? This session describes a collaborative project that enabled children in three neighborhoods to plant and care for a "pocket prairie" in their local park and discusses the broader issue.	Kenneth W. Foster, Concordia College; Sydney Stock, Concordia College Staff	October 9-20	24-hour access		Elementary school programs Justice, equity, diversity, inclusion, and accessibility Gardening and food systems	Traditional Presentation	On-Demand (recorded)
Python Problems: Conservation Education Through 5E Virtual Lesson	Explore one of Southwest Florida's most impactful invasive species, the Burmese python. Participants engage with the concepts of population dynamics and organismal relationships as we highlight a Google Sites virtual 5E lesson. Learners use and create models as a scientific practice to make their understanding of systemic ecosystem interactions explicit.	Heather Skazza Acosta, Florida Gulf Coast University; Jessica Marcolini, Florida Gulf Coast University	October 9-20	24-hour access		Middle & high school programs NGSS/Common Core STEM	Traditional Presentation	On-Demand (recorded)
Rethinking Summer School: Take Learning Outside This Summer	Discover the Durham Public Schools Hub Farm Summer Camp, a model for learning and community. Learn how it engages students in core content, offers pre-service learning, and embedded professional learning, all at once. Brainstorm ways to enhance summer learning in your school district after hearing about the Hub Farm.	Erin Carroll, Durham Public Schools	October 9-20	24-hour access		Elementary school programs Gardening and food systems Leadership and capacity building	Traditional Presentation	On-Demand (recorded)
Rural Youth Organizing: Building Community Resilience in Maine's "Civic Deserts"	Despite limited resources for rural youth and inadequate political engagement on rural issues, JusME for JustUS (JMJU) is advancing accessible climate justice and civic engagement opportunities for young folks in Maine's most rural counties. Learn how JMJU's robust Rural Youth Organizer program is shifting power and funding throughout rural Maine!	Larissa Holland, JusME for JustUS; Laura Bither, JusME for JustUS	October 9-20	24-hour access		Leadership and capacity building Civic engagement Justice, equity, diversity, inclusion, and accessibility	Traditional Presentation	On-Demand (recorded)
Student Engagement Building Gender Equity in Science Careers	HerStory in STREAM, a project offering girls and queer youth a space to build skills in science, technology, recreation, engineering, art, and mathematics, demonstrates effective ways to engage youth underrepresented in these fields. Project methods increase interest and awareness of STREAM careers while building students' sense of identity and agency.	Kathryn Metzker, Stoud Water Research Center	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Middle & high school programs STEM	Traditional Presentation	On-Demand (recorded)
Student-Driven Approaches to Environmental Justice in Canada	This session will highlight an implementation of a student-driven, community action-focused environmental justice curricula with students in rural and remote Canada. Examples of participant work show how using student-led curricula allows for educator and student sense-making and actions around environmental issues to be tailored for unique student and community needs.	Katherine Blanchard, Smithsonian Science Education Center; Jacqueline M Kolb, Smithsonian Science Education Center; Ken Holm, GM Canada	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility Middle & high school programs STEM	Traditional Presentation	On-Demand (recorded)
Sustainable Development Goals as Foundations for Campus-Community Partnerships and Education	Learn from the University of Florida's Active Learning Program evaluation data how to use the Sustainable Development Goals as a framework for creating grassroot community-campus internship and research partnerships and developing college students' interdisciplinary systems thinking, problem solving skills, and identifies as sustainability professionals (regardless of their majors).	Angela Elizabeth Meliodosian, University of Florida	October 9-20	24-hour access		University programs Civic engagement Young professionals	Traditional Presentation	On-Demand (recorded)
Swarovski Waterschool: Connecting a Global Curriculum with Local Action	Discover an international SDG-aligned environmental education program that link students of all ages with their local ecosystems, watersheds, and each other. Participants will hear about how the program is implemented in different countries from Australia to Brazil to Thailand and the USA.	Jen Mandeville, National Great Rivers Research and Education Center	October 9-20	24-hour access		Civic engagement International EE Traditional knowledge	Traditional Presentation	On-Demand (recorded)

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Teaching Climate Justice to Advance Community Resiliency to Climate Change	Participants will learn strategies for leading conversations about climate justice with students. We will showcase activities, case studies, and other tools that lead to successful learning environments where students feel empowered by knowledge to seek positive change in their own communities.	Bess Caplan, The Howard County Conservancy	October 9-20	24-hour access		Climate change education Justice, equity, diversity, inclusion, and accessibility. Middle & high school programs	Traditional Presentation	On-Demand (recorded)
The Great Outdoors and Flexible Learning Environments: Collaborative Spaces for Diverse Learners	To support safe and engaging in-person learning, educators need alternative spaces to foster collaborative and inclusive outdoor learning for diverse students. This session will provide research and resources for integrating nature with outdoor and flexible spaces for urban, suburban, and rural communities. Learn how to optimize outdoor learning environments and culturally sustaining pedagogy.	Molly Stitt, California Department of Education	October 9-20	24-hour access		Elementary school programs Justice, equity, diversity, inclusion, and accessibility NGSS/Common Core	Traditional Presentation	On-Demand (recorded)
The Link Between Gardens and Education	Did you know that spending time in a garden can benefit academic success? This presentation covers the mental, emotional, and physical health benefits of gardens, along with delving deeper into academic benefits. It will give educators hands-on activities on how to incorporate gardening into math, literacy, science, and social studies curriculum.	Jamie Bridges, College of Southern Idaho	October 9-20	24-hour access		Early childhood Elementary school programs Gardening and food systems	Traditional Presentation	On-Demand (recorded)
The Power of Convenings for Advancing the Field of EE and Outdoor Learning	By convening leaders in environmental and outdoor education, we have the power to advocate for change, share priorities, and advance the field. Find out how an NAAEE affiliate generated grant support for BIFOC-led groups, created consensus around issues of common interest, increased communication and collaboration among organizations, and advanced equitable and inclusive practices.	Karan Wood, Environmental Education Alliance	October 9-20	24-hour access		Justice, equity, diversity, inclusion, and accessibility. Leadership and capacity building	Traditional Presentation	On-Demand (recorded)
"There's Animals in That Water": Collaboration and Voice in Early Environmental Education	How can young environmentalist minds be nurtured? How can collaboration with community groups give children an opportunity to use their voices in an authentic way? This presentation tells the story of a preschool located blocks from Lake Superior and the students' year-long learning experience into water conservation and activism.	Tom Boyle, Bayfield School District	October 9-20	24-hour access		Early childhood Civic engagement Arts	Traditional Presentation	On-Demand (recorded)
Together We...Teach Climate!	Learn how a diverse partnership of K-12 teachers, nonformal educators, state agencies, and nonprofit advocacy groups are working together to advance climate change education in Michigan. Hear how the unique partnership developed and get inspired to connect with new partners in your own community to teach climate more effectively.	Eileen Boekestein, Michigan Department of Environment, Great Lakes, and Energy; Bridget Kathleen Booth, Healdt Middle School; Denise Keele, Michigan Climate Action Network	October 9-20	24-hour access		Climate change education Civic engagement Leadership and capacity building	Traditional Presentation	On-Demand (recorded)
Transforming Sustainability Pedagogies in Higher Education Through Communities of Practice	This session shares the emergence and evolution of a community of practice which explores the 'what' and 'how' of sustainability teaching at a large Canadian university. Organizing members will share successes and challenges in engaging faculty from diverse disciplines in learning that is relational, community-engaged, justice-forward, and action-oriented.	Sarah Urquhart, OISE, University of Toronto; Hilary J Inwood, OISE, University of Toronto; Michael Classens, School of the Environment, University of Toronto	October 9-20	24-hour access		University programs Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Traditional Presentation	On-Demand (recorded)
Understanding the Landscape of Environmental Education in the Southeast	Learn about recent findings on the current state of environmental education in the southeast, including gaps and barriers to access that prevent successful implementation of environmental education in communities and schools. Collected from hundreds of schools and environmental education providers across the southeast.	Ashley Hoffman, Kentucky Association for Environmental Education	October 9-20	24-hour access		Leadership and capacity building Justice, equity, diversity, inclusion, and accessibility. Elementary school programs	Traditional Presentation	On-Demand (recorded)
Using Nature to Connect Children to Their Spirituality and Self-Awareness	During this session, participants will learn how we can use nature to help children discover who they are, and how they connect to the Earth and those around them. We will take a look at how to ensure that access to nature is equitable and accessible for all children.	Samuel Broaden, Honoring Childhood	October 9-20	24-hour access		Spirituality Justice, equity, diversity, inclusion, and accessibility. Early childhood	Traditional Presentation	On-Demand (recorded)
Live Sessions (October 17-20)								
Concurrent Sessions — All times are Eastern Daylight Time								
Critical Self-Examination as Central to Cultural Responsiveness	We must regularly engage in critical examination of ourselves, organizations, and systems to reach a goal of equitable, culturally responsive environmental education. In this session we share and discuss our methods, approaches, and findings from a critical self-evaluation of the statewide Oregon outdoor school program.	Kristi Backe, OSU Extension Outdoor School; Charissa V. Jones, OSU Extension Service Outdoor School; Steven Braun, eeRISE LLC; Maya Revelle, University of Oregon; Spiit Brooks, Oregon State University	Tuesday, October 17	12:00 PM	1:00 PM	Justice, equity, diversity, inclusion, and accessibility. Leadership and capacity building Middle & high school programs	Hands-on Presentation	Live (via Zoom)

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Discover Shorebirds Curriculum for Teaching Conservation Throughout the Western Hemisphere	The Discover Shorebirds curriculum is a free, online tool to help educators connect to real world conservation through engaging, hands-on activities. The curriculum consists of five lessons that are all scalable and modular to be taught in a variety of educational settings and to a wide range of students.	Clare G Cunningham, Manomet, inc.; Marina Castellino, Manomet	Tuesday, October 17	12:00 PM	1:00 PM	International EE Elementary school programs Middle & high school programs	Hands-on Presentation	Live (via Zoom)
Getting REAL: An Equity- and Action-Centered Approach for Climate Resiliency Education	The REAL Framework is a research-based tool for creating equity-centered climate resiliency education and encouraging leadership among educators and students. It begins with nurturing relationships, exploring equity narratives, taking informed action, and amplifying collective impact through leadership. Our presentation will include supporting research, over 45 collective climate action ideas designed for students, and joy.	Jean Haley; Aimee Arandia Otensen, Shelburne Farms	Tuesday, October 17	12:00 PM	1:00 PM	Climate change education Civic engagement Justice, equity, diversity, inclusion, and accessibility	Hands-on Presentation	Live (via Zoom)
Planning for Diverse Learning Needs	This interactive session will help you think of things to consider when planning for an audience with diverse learning needs during an outdoor or environmental education activity. We will look at a sampling of activities with the intent to make them more inclusive and discuss how to include these types of activities into lesson planning in various subjects.	Elena Takaki, Association of Fish & Wildlife Agencies; Julian Dupuis, Notre Dame of Maryland University	Tuesday, October 17	12:00 PM	1:00 PM	Justice, equity, diversity, inclusion, and accessibility STEM	Hands-on Presentation	Live (via Zoom)
Teach the Importance of the Ocean to Fight Climate Change	The ocean acts as climate's heart and provides us with nearly half of all the air we breathe. Come learn more about the 7 UN Ocean Literacy Principles to learn into creative art as a teaching tool to engage and activate student agency. Receive free teaching resources created with The Ocean Agency!	Jennifer Cao, UC Irvine; Kelley Le	Tuesday, October 17	12:00 PM	1:00 PM	Climate change education Arts STEM	Hands-on Presentation	Live (via Zoom)
Climate Innovators Unite: Youth Voices on Regional Environmental Education	Join a panel of students representing diverse US geographies as they discuss their varied K-12 environmental education, completion of Civic Unplugged's Climate Innovators Fellowship, and advocacy efforts. Through this, gain a deeper understanding of what students really want to learn in regards to climate and the merits of school-community partnerships.	Connor Cowan, Student; Annelise Klein, Student; Keala Minna-Choe, Student; Noramnon Ransabrahmarakul, Yale University Student; Anna Shenai, Student; Michaela Davenport, Director of Admissions, Civics Unplugged	Tuesday, October 17	12:00 PM	1:00 PM	Middle & high school programs Leadership and capacity building Climate change education	Symposium	Live (via Zoom)
EE Case Study Collections: EE in Practice Around the World	Join us to learn about various environmental education case study collections from around the world, offering valuable resources for educator professional development. These case studies can help us all better understand what environmental education looks like in practice, and we want to help you use them in your learning environments.	Andy David, NAAEE; Nina Hamilton, NAAEE; Alex Kudryavtsev, Cornell University	Tuesday, October 17	12:00 PM	1:00 PM	Leadership and capacity building International EE Civic engagement	Symposium	Live (via Zoom)
Becoming More Inclusive with Indigenous Inclusion in EE: Best Practices Learned from the Projects	Projects Learning Tree (PLT), WET and WILD have been working toward being more inclusive of indigenous perspectives, knowledge, and participation with the encouragement of ee360+ through NAAEE and EPA. We will explore lessons learned, best practices learned, and resources available to help environmental educators be more inclusive of indigenous education in their programs.	Rocco Saracina, Sustainable Forestry Initiative; Julia Beck, Project Wet; Elena Takaki, Association of Fish & Wildlife Agencies; Yasmeen Hossain, Oregon State University; Larissa Juig, Michigan Tech University; Bonnie Anderson, Project WET Coordinator, Ontario, Canada	Tuesday, October 17	1:30 PM	2:10 PM	Justice, equity, diversity, inclusion, and accessibility Traditional knowledge Underserved audiences	Traditional Presentation	Live (via Zoom)
Connecting Kids to Nature Through Nonfiction Books	Today's nonfiction books for children are bold, engaging, and inclusive! Explore ways to use books to launch activities that connect ALL kids to nature, each other, and their communities--no matter where they're from. Learn how to use cross-curricular instruction to encourage literacy as well as environmental awareness, appreciation, and knowledge.	Heather Lee Montgomery, Little Mountain Forest School; Laurie Ann Thompson, Author	Tuesday, October 17	1:30 PM	2:10 PM	Early childhood Elementary school programs NGSS/Common Core	Traditional Presentation	Live (via Zoom)
Effective Communication and Networking Skills for Young Professionals	This session will equip young professionals with some necessary tools for career success. It will cover effective communication techniques, such as active listening, body language, and tone of voice. Additionally, participants will learn about networking strategies, including identifying opportunities and leveraging digital tools. Participants will receive resources and reference materials to support their journeys.	Amara Felicia Davis, NOAA Sea Grant; Amanda Lawrence, NOAA Sea Grant	Tuesday, October 17	1:30 PM	2:10 PM	Leadership and capacity building Young professionals	Traditional Presentation	Live (via Zoom)
Exhibitor Showcase--Supporting Educators as Allies Within Environmental Movements	Introducing Wayfinder Society, an innovative, free online program empowering educators to effortlessly find equity centered, fun, and interactive environmental education resources. Access real-world environmental movements, aligned with educational standards, and fuel a dynamic learning experience. Join now and explore the world of environmental education!	Emily Wanous, Algaita; Anika Balmitt, Algaita; Kate Allen, Algaita	Tuesday, October 17	1:30 PM	2:10 PM	International EE Middle & high school programs NGSS/Common Core	Traditional Presentation	Live (via Zoom)

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Seeing Hope, the Healing Effects of Nature for Children Who Have Experienced Gun Violence	The Louisville Zoo's Future Healers got Zoo Buddies initiative is hoping to create positive change in the lives of families that have been impacted by gun violence. In partnership with local activists and community leader Christopher ZK the program provides families a way to connect to nature and engage in compassion for animals and each other.	Kim Margaret Allgeier, Louisville Zoo	Tuesday, October 17	1:30 PM	2:10 PM	Justice, equity, diversity, inclusion, and accessibility Underserved audiences	Traditional Presentation	Live (via Zoom)
Wild Hope	WILD HOPE is a new series highlighting the intrepid changemakers who are working to restore and protect our planet. Each half-hour episode inspires audiences with stories of bold interventions, unexpected alliances, and nature's resilience. Join series executive producer Jared Lipworth for a discussion on how to use WILD HOPE as inspiration for local engagement.	Jared Lipworth, HHMI Tangled Bank Studios	Tuesday, October 17	1:30 PM	2:10 PM		Traditional Presentation	Live (via Zoom)
Centering Environmental Justice and Co-Creating Just Education	Come learn alongside EE-relevant and Justice 40-aligned organizations, leaders and educators co-creating community partnerships. How might we leverage strengths of environmental justice (EJ) and EE for a more just, equitable, healthy future for all? Together we highlight EJ-EE efforts that align with the federal Justice 40 initiative, model effective educational practice and center the lived experiences of learners.	Jean Chimbirira Kayira, Antioch University New England; Susana C Mateos, Antioch University New England/North Carolina State University; Elizabeth (Libby) McCann, Antioch University New England; Luciana Ranelli, Lake Superior National Estuarine Research Reserve; Bora Simmons, National Project for Excellence in Environmental Education	Tuesday, October 17	2:30 PM	3:10 PM	Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Roundtable Discussion	Live (via Zoom)
Engaging in Public Relations With Your Affiliate	Affiliates are often engaged in work that is moving the needle for environmental education in their state, province, or region, but often struggle to get the word out to the people who need to know about it. This roundtable discussion will profile a few efforts that Affiliates have been engaged in including the Outside for 5 Campaign and several state specific examples.	Katie M Navin, Colorado Alliance for Environmental Education	Tuesday, October 17	2:30 PM	3:10 PM	Leadership and capacity building	Roundtable Discussion	Live (via Zoom)
NAAEE Fundraising Roundtable #1	How do I start conversations that lead to bigger gifts? How can I get my board members more engaged in fundraising? Is this the right time 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 roundtable.	Krishina Roy, Consultant	Tuesday, October 17	2:30 PM	3:10 PM	Leadership and capacity building	Roundtable Discussion	Live (via Zoom)
New Notions of Sacrifice: Invitations to Communal Response-Ability	How might notions of sacrifice be re-imagined to lead us to communally value the sacred within our ecologies, particularly if living within planetary limits requires us to shift paradigms and ways of life? We explore how modes of invitation (rather than obligation) might create pathways of willingness toward communal response-ability.	Zuzana Vasko, Simon Fraser University; Cary Campbell, Simon Fraser University; Heesoon Bai, Simon Fraser University	Tuesday, October 17	2:30 PM	3:10 PM	Climate change education Civic engagement Arts	Roundtable Discussion	Live (via Zoom)
NOAA Education Community Town Hall	NOAA Education keeps people informed and engaged in our planet's dynamic environment from the surface of the sun to the depths of the ocean floor. We are updating the NOAA Education Strategic Plan and want to hear from you how we can best support environmental educators!	Andrea Sassard, NOAA	Tuesday, October 17	2:30 PM	3:10 PM	STEM Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Roundtable Discussion	Live (via Zoom)
Queer Ecopedagogies: Bringing Queerness into Environmental Education Practice	Calling queer environmental educators and anyone interested in educating queerly! Queer ecopedagogies is an emerging framework describing educational approaches that center queer experiences in nature, disrupt ideas of 'normalcy,' and promote liberation. Participants will discuss how queer ecopedagogies connects to their practices and what it means to queer environmental education.	Yarrow Koning, Florida Atlantic University; Charissa V. Jones, OSU Extension Service Outdoor School; Elizabeth A. VanWyhe, OSU Extension Service – Outdoor School	Tuesday, October 17	2:30 PM	3:10 PM	Underserved audiences Justice, equity, diversity, inclusion, and accessibility Graduate student research	Roundtable Discussion	Live (via Zoom)
Plenary Session — All times are Eastern Daylight Time								
Opening Keynote	Opening Remarks Ross Gay in conversation with Aimee Nezhukumatathil	Judy Braus, NAAEE Ross Gay, poet Aimee Nezhukumatathil, poet <i>Note: The interview with Ross Gay will be pre-recorded; Aimee Nezhukumatathil will be live.</i>	Tuesday, October 17	3:30 PM	5:00 PM		Plenary Session	live (via Zoom)
Concurrent Sessions — All times are Eastern Daylight Time								
Building the Next Generation of Diverse EE Providers in Nebraska	The Nebraska Alliance for Conservation and Environmental Education (NACEE) piloted a new program supporting diverse future leaders of environmental education in Nebraska. This program provides mentorship and scholarship to students who hold an identity or identities of historically underrepresented groups in the field of environmental education or a related field.	Jack Linden Hilgert, Nebraska Forest Service; Ale Mayes, Nebraska Game & Parks Commission; Jackie Halsey, Lincoln Children's Zoo	Wednesday, October 18	11:00 AM	11:40 AM	Underserved audiences Young professionals Civic engagement	Traditional Presentation	Live (via Zoom)

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Community Action Projects for the Environment: Youth and Civic Engagement	Kids are concerned about their environment and are making a difference in their community. Join this session to learn how you can use CAPE (Community Action Projects for the Environment) to engage youth in civic action for the environment. You'll take home resources to implement this curriculum with your community.	Megan E Ennes, University of Florida; Martha C. Monroe, University of Florida; Ailee Odom; Gabby Salazar, University of Florida; Olivia Walton, St. Croix Environmental Association; Sarah West Davis, UFIFAS Extension Sarasota County	Wednesday, October 18	11:00 AM	11:40 AM	Civic engagement Leadership and capacity building Middle & high school programs	Traditional Presentation	Live (via Zoom)
EPA Environmental Education Funding Opportunity Information Session	The solicitation period for EPA's Environmental Education Grant Program is now open! Attend this informational session to learn about this year's Notice of Funding Opportunity, discover available resources, get tips for applying, and ask questions about the competition.	Michael Band, US EPA	Wednesday, October 18	11:00 AM	11:40 AM	Climate change education Leadership and capacity building Underserved audiences	Traditional Presentation	Live (via Zoom)
Flip the Page! Building Environmental Literacy with Children's Nonfiction Books	Children's science writers specialize in making STEM accessible and engaging. Their books illuminate complex topics surrounding nature and the environment, educating readers of all ages while empowering action. Join bestselling, award-winning authors Rochelle Strauss and L. E. Carmichael as they explain how to build environmental literacy through children's books.	Rochelle Strauss, Independent; Lindsey Carmichael, Independent	Wednesday, October 18	11:00 AM	11:40 AM	STEM Elementary school programs NGSS/Common Core	Traditional Presentation	Live (via Zoom)
Introducing the eeGuidance for Equitable Pay and Hiring	The SEEA eeGuidance for Equitable Pay and Hiring makes the case for more equitable pay, position design, recruitment, and hiring processes to improve employee retention, attract more diverse talent, create a sustainable career path, and establish EE as a viable profession. This session will provide an overview of the recommendations.	Ashley Hoffman, Kentucky Association for Environmental Education; Michelle Pearce, Environmental Educators of North Carolina	Wednesday, October 18	11:00 AM	11:40 AM	Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Traditional Presentation	Live (via Zoom)
Podcasting 101: How to Create Podcasts That Engage and Inspire!	Jack Baker is the creator of "Pangolin: The Conservation Podcast." In this session, he will discuss everything you need to know to create podcasts that engage your community, raise awareness of your work, and inspire conservation action. He will also cover the importance of amplifying stories which have gone untold previously.	Jack Baker, Pangolin: The Conservation Podcast	Wednesday, October 18	11:00 AM	11:40 AM	Justice, equity, diversity, inclusion, and accessibility International EE Adult education	Traditional Presentation	Live (via Zoom)
Affiliates as School District Partners	School district leadership can be critical to advancing systemic environmental literacy, and NAAEE Affiliates can be key partners in helping them to achieve their goals for EE. In this interactive session, NAAEE staff and Affiliate leaders will talk about successes and challenges in supporting school administrators, and share ideas for strengthening partnerships in an uncertain time for education.	Sarah Bodor, NAAEE	Wednesday, October 18	12:00 PM	1:00 PM	Leadership and capacity building	Hands-on Presentation	Live (via Zoom)
Screening of Gen Z Mental Health: Climate Stories + Panel Discussion	How does the climate crisis impact Gen Z and mental health, and how is film an important tool to de-stigmatize this issue and drive climate action among students? Join us for a screening of the short documentary film Gen Z Mental Health: Climate Stories, followed by a conversation with the film's director, Climate Mental Health Network staff, and a Gen Z advisor to learn about the film's global screening campaign and opportunities for educators to engage with their students through film about climate-mental health issues.	Tehya Jennett, Stranded Astronaut Productions; Lian Zeitl, Climate Mental Health Network; Abhay Sachal Singh, CMFH; Break the Divide	Wednesday, October 18	12:00 PM	1:00 PM	Arts Climate change education Middle & high school programs	Hands-on Presentation	Live (via Zoom)
Sensory Friendly Programming: Making Programs Accessible to Neurodiverse Audiences	The Trustees and Autism Alliance will discuss the importance of sensory friendly programs and how to implement them. Participants will learn about the fundamentals of autism, small and large accommodations you can make, planning and executing sensory friendly programs, and the benefits for all visitors.	Elyssa Scheck, The Trustees of Autism Alliance	Wednesday, October 18	12:00 PM	1:00 PM	Justice, equity, diversity, inclusion, and accessibility Underserved audiences Civic engagement	Hands-on Presentation	Live (via Zoom)
Under Construction! EE Guidelines for Climate Change Action	NAAEE is developing a set of guidelines focusing on climate change education and climate justice. When completed, they will become part of the Guidelines for Excellence series. Come, take a look, and provide some input.	Bora Simmons, National Project for Excellence in Environmental Education	Wednesday, October 18	12:00 PM	1:00 PM	Civic engagement Climate change education Justice, equity, diversity, inclusion, and accessibility	Hands-on Presentation	Live (via Zoom)
Values-Based Data Collection for Equitable and Authentic Program Evaluation	In this session we will look at how to use a set of equity-oriented values to collect information as part of program evaluation. We will look at a variety of practices and techniques to collect information with the lens of how these strategies can reflect and advance these values.	Karyl Askew, Karyl Askew Consulting, LLC.; Steven Braun, eeRISE LLC; Charlotte Clark, Duke Nicholas School of the Environment, Jean Chimbrima Kayira, Antioch University New England; Talalha Kiazolu-Reeves, Antioch University New England; Elizabeth (Libby) McCann, Antioch University New England; Kathryn Stevenson, NC State University; Kelsey Tayne, North Carolina State University	Wednesday, October 18	12:00 PM	1:00 PM	Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building Underserved audiences	Hands-on Presentation	Live (via Zoom)

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Mapping Justice: Youth-Driven Innovation Toward Climate Resiliency	Explore Mapping Justice, where students learn how to design geospatial tools for social change. A showcase of student-led efforts to tackle environmental justice and climate resiliency in Florida using GIS. This session will delve into their compelling projects, emphasizing the importance of geospatial technology in addressing climate challenges and social equity issues.	Nick Okafor, trube&co; Anani Douglas, trube&co	Wednesday, October 18	12:00 PM	1:00 PM	STEM Civic engagement Justice, equity, diversity, inclusion, and accessibility	Symposium	Live (via Zoom)
Reduce, Reuse, Reinvent: Perspectives on Zero Waste Schools Preventing Marine Debris	In this panel moderated by the National Oceanic and Atmospheric Administration's Marine Debris Program, educators from across the country will share experiences, challenges, successes, and lessons learned implementing innovative waste reduction strategies in their classrooms and communities - from assessing lunchroom waste to developing positive behavior in elementary through undergraduate students.	Alexandria Gilen, National Oceanic and Atmospheric Administration; Maeg Schwartz, Northeast Michigan Great Lakes Stewardship Initiative; Natalie Perez, One Cool Earth; Amy Sluis, Eckerd College; Shannon Gowans, Eckerd College	Wednesday, October 18	12:00 PM	1:00 PM	Leadership and capacity building Elementary school programs Middle & high school programs	Symposium	Live (via Zoom)
Advancing Environmental Literacy Application in Preservice Teacher Education Through an Innovative Faculty Fellowship Model	Looking for ideas to support environmental literacy application in the preservice teacher classroom? If so, come learn about a grant-funded initiative to advance environmental literacy in teacher preparation programs. The project goal is to prepare future educators for the integration of environmental literacy content across grade-levels and subject areas.	Chelsea McClure, Towson University; Sarah Haines, Towson University	Wednesday, October 18	1:30 PM	2:10 PM	Leadership and capacity building University programs Adult education	Traditional Presentation	Live (via Zoom)
Advancing Policy for Climate Change Education	Advocates are making strides to advance local, state, and federal policies for climate change education, but there is so much more to be done! In this session, we will highlight successful advocacy efforts for climate change education policy, explore resources for understanding the current landscape for CCE policy, and share tools for making further advances.	Sarah Bodor, NAAEE; Judy A. Braus, NAAEE	Wednesday, October 18	1:30 PM	2:10 PM	Civic engagement Climate change education Justice, equity, diversity, inclusion, and accessibility	Traditional Presentation	Live (via Zoom)
Diversifying the Conservation and Environmental Career Sector	The environmental field faces challenges in recruiting the next generation of diverse employees. This session will highlight resources available from Forest Service Conservation Education to introduce youth of all backgrounds to opportunities in the environmental sector. Come learn how to use these free resources in your programs.	Rachel Bayer, Forest Service; Heidi McAllister, US Forest Service; Barbara McGuinness, USDA Forest Service; Susan Cox, USDA Forest Service; Jessica Nickelsen, Natural Inquirer	Wednesday, October 18	1:30 PM	2:10 PM	Justice, equity, diversity, inclusion, and accessibility STEM Underserved audiences	Traditional Presentation	Live (via Zoom)
Exceptional Learning: A Model for Designing High-Quality Learning Experiences	Want to design high-quality learning experiences? In this session, you will learn a model that will support you in designing engaging and effective instruction for youth and adults, from understanding your learners to selecting methodologies and resources that will allow you to meet specific instructional goals.	Ana Leimer, Project Learning Tree/Sustainable Forestry Initiative; Jody Stalford, Project Learning Tree/Sustainable Forestry Initiative	Wednesday, October 18	1:30 PM	2:10 PM	Adult education Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Traditional Presentation	Live (via Zoom)
Exhibitor Showcase—Bridging Research and Practice: A University's Approach to Effecting Sustainable Change	Sustainable communities are thriving communities. Join University of Wisconsin–Stevens Point graduate faculty and doctoral students as they share examples of how current research, centered around the United Nations Sustainable Development Goals, informs practice for effective change in K–12 and higher education.	Cathy Scheder, University of Wisconsin Stevens Point; Yae Li, University of Wisconsin-Stevens Point; Rebecca L. Franzén, University of Wisconsin–Stevens Point, Wisconsin Center for Environmental Education; Rachel Tidd, Wild Learning, University of Wisconsin Stevens Point	Wednesday, October 18	1:30 PM	2:10 PM	Graduate student research Justice, equity, diversity, inclusion, and accessibility STEM University programs	Traditional Presentation	Live (via Zoom)
Working Towards Racial Equity: Advice for the Field	For two years, 20 organizations and over a 150 individuals came together with the Center for Environmental Learning at the Lawrence Hall of Science, UC Berkeley and Justice Outside to pursue more equitable, inclusive, and culturally relevant work environments and organizations. Come learn about what we learned together!	Jedda Foreman, Lawrence Hall of Science; Laura Rodriguez, Justice Outside	Wednesday, October 18	1:30 PM	2:10 PM	Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building Adult education	Traditional Presentation	Live (via Zoom)
Plenary Session — All times are Eastern Daylight Time								
Keynote with Parker McMullen Bushman	Keynote address with Parker McMullen Bushman	Parker McMullen Bushman, Inclusive Guide and EcoInclusive Strategies	Wednesday, October 18	3:30 PM	5:00 PM		Plenary Session	Live (via Zoom)
Concurrent Sessions — All times are Eastern Daylight Time								
Beyond Translation: Advancing Language Equity in Conservation Through Social Media	Learn how to integrate language equity and inclusion into social media strategies for conservation education. Explore successful collaborations between conservation educators and community leaders, and gain insights into behavior change research and case studies. Discover tools and approaches for bringing community-based science to classrooms and community improvement projects.	Felipe Benitez, Corazón Latino	Wednesday, October 18	5:15 PM	5:55 PM	Justice, equity, diversity, inclusion, and accessibility Elementary school programs Climate change education	Traditional Presentation	Live (via Zoom)

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EE and Well-Being: Navigating Environmental Health and Justice	Hear from two EE 30 Under 30 awardees navigating environmental health and climate justice in their own professions. Owen Dan Luo uses environmental education to prepare Canadian physicians to care for patients increasingly impacted by the climate crisis. Cameron E. Ogleby works to elevate the stories of communities most impacted by environmental injustices.	Owen Dan Luo, McGill University; Cameron Ogleby, Environmental Justice Storyteller and Community Organizer; Nina Hamilton, NAAEE	Wednesday, October 18	5:15 PM	5:55 PM	International EE Young professionals Leadership and capacity building	Traditional Presentation	Live (via Zoom)
Exploring the 2022 Affiliate Census	In the fall of 2022, we completed the most recent Affiliate Census to understand the growth, strengths, and needs of individual Affiliates and the Affiliate Network at large. Join us as we review the findings and discuss next steps for the Network.	Ashley Hoffman, Kentucky Association for Environmental Education; Susan McGuire, WY Alliance for EE	Wednesday, October 18	5:15 PM	5:55 PM	Leadership and capacity building	Traditional Presentation	Live (via Zoom)
Live from the Stream! Conducting Virtual Stream Studies	Learn about developing and facilitating Virtual Stream Studies with students. Hear how this partnership program between Montgomery County Public Schools and Nature Forward benefits student learning and engagement and is implemented at the middle and high school level. Then explore a 360° virtual stream study experience for yourself!	Gina Gherber, Nature Forward; Jeff Chandler, Nature Forward	Wednesday, October 18	5:15 PM	5:55 PM	Middle & high school programs Justice, equity, diversity, inclusion, and accessibility STEM	Traditional Presentation	Live (via Zoom)
Park for Every Classroom: Developing Student Agency in Climate Resilience	How are national parks working with local schools and community organizations to co-create relevant and effective education in response to the climate crisis? Parks have extraordinary potential for engaging students in stewardship. Learn how a Park for Every Classroom helps communities create teacher professional development for equity-centered climate change education.	Joan Haley; Shauna Potocky, National Park Service; Rebecca Stanfield McCown, National Park Service	Wednesday, October 18	5:15 PM	5:55 PM	Climate change education Civic engagement Justice, equity, diversity, inclusion, and accessibility	Traditional Presentation	Live (via Zoom)
What Leads to Better Outcomes? Evidence from a National Study	Which approaches lead to better learning outcomes? We observed over 400 field trip programs for adolescent youth. We kept extensive notes and tracked 60 programmatic, educator, and setting characteristics and measured student outcomes immediately after the programs. The results identified program characteristics that were most powerfully associated with learning outcomes.	Robert B Powell, Clemson University; Marc Stern, Virginia Tech; Troy Frenslley, University of North Carolina at Wilmington; Keiley Anderson, Virginia Tech	Wednesday, October 18	5:15 PM	5:55 PM	Middle & high school programs Underserved audiences	Traditional Presentation	Live (via Zoom)
Bridging the Gap Between Mainstream and Environmental Education	What role can education play in solving the climate crisis? This presentation will explore middle school teacher perceptions of environmental education, the impact of EE on students, and how to integrate EE into mainstream curriculum across academic disciplines. You'll leave this presentation with support for interdisciplinary EE!	Rachel Arbor, Garrison Union Free School District	Wednesday, October 18	6:15 PM	7:15 PM	Climate change education NGSS/Common Core Middle & high school programs	Hands-on Presentation	Live (via Zoom)
Cultivating Empathy and Excitement for Nature Through Inquiry and Storytelling	Utilizing lenses of social and environmental equity, indigenous ways of knowing, and inquiry can support young learner's empathy and passion for nature. Mapping local green spaces, sensory learning experiences, and storytelling will help bridge the gap between the classroom and the wild through shared templates and resources.	Wii Brunner, Clean Foundation	Wednesday, October 18	6:15 PM	7:15 PM	Elementary school programs Justice, equity, diversity, inclusion, and accessibility Traditional knowledge	Hands-on Presentation	Live (via Zoom)
Fresh to Salt: Flowing Together Watershed Education Project	Fresh to Salt: Flowing Together is a new watershed education project for Maine schools and communities (and beyond). While learning that upstream changes have downstream effects in their watershed, students gain hands-on experience and make local connections to develop a strong scientific and leadership voice.	Alaina Zyhowski, Herring Gut Coastal Science Center	Wednesday, October 18	6:15 PM	7:15 PM	Middle & high school programs STEM NGSS/Common Core	Hands-on Presentation	Live (via Zoom)
Living Wages and Pay Equity in Environmental and Outdoor Education	Join ChangeScale for a conversation on the need for Living Wages and Pay Equity in Environmental and Outdoor Education (EOE). We'll discuss the needs in the EOE field to create systemic changes that result in equitable pay.	Gloria Desanker, ChangeScale	Wednesday, October 18	6:15 PM	7:15 PM	Civic engagement Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Hands-on Presentation	Live (via Zoom)
Representation Matters: Highlighting Environmental Justice Heroes in Our Communities	Join EcoRise educators in a hands-on session focused on highlighting activists and community leaders who have dedicated their lives to fighting for environmental justice and influenced decades of activism and community upliftment.	Kizzy Hannibal Xolani, EcoRise; Zakhira Grant, EcoRise	Wednesday, October 18	6:15 PM	7:15 PM	Civic engagement Justice, equity, diversity, inclusion, and accessibility Climate change education	Hands-on Presentation	Live (via Zoom)
Community-Centered Approaches to Environmental Education in Nunatsiavut	This panel discussion will feature representatives from three projects developing materials for environmental education in Nunatsiavut schools and public awareness initiatives. The panel will showcase community-centered approaches to environmental education that prioritize local knowledge, Inuit cultural practices, and collaborative partnerships to promote sustainable communities. Panelists will discuss their project goals, processes, and lessons learned.	Emily Sheepy, National Film Board of Canada; Sylvia Moore, Memorial University Faculty of Education	Wednesday, October 18	6:15 PM	7:15 PM	International EE Traditional knowledge Underserved audiences	Symposium	Live (via Zoom)

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Youth-Local Government Partnerships as Catalysts for Climate Action	Youth and local governments may seem like unlikely partners for creating climate solutions. In this panel-style session, you will hear from youth and adults representing communities across the U.S. who have created youth-local government partnerships for climate action.	Hannah Barg, The Wild Center; Catherine Price, Cumberland River Compact; Brittany Outermyth, Mass Audubon; Elissa Teles Munoz, Climate Resilience and Education Task Force	Wednesday, October 18	6:15 PM	7:15 PM	Civic engagement Climate change education Middle & high school programs	Symposium	Live (via Zoom)
Concurrent Sessions — All times are Eastern Daylight Time								
Books and Butterflies: Transforming HBCU Teacher Preparation Through Literacy and Environmental Education	Preservice teachers at Florida A&M University participated in an EE collaboration with Florida PLT. Preservice implemented literature-based EE outdoor activities in PreK through 8th-grade classes at University's Partnership School District. See how results from this research will inform future practice and help other HBCUs strengthen partnerships.	Cheron Davis, Florida A&M University	Thursday, October 19	11:00 AM	11:40 AM	University programs Elementary school programs Early childhood	Traditional Presentation	Live (via Zoom)
Building a Green Texas: Data and Lessons Learned from Green Careers Engagement	Will Davies, PhD candidate at the University of Texas, and Elizabeth Harper, program manager with EcoRise, reflect on the Building a Green Texas program, a three-year education initiative funded by NOAA to activate high school teachers and engage high school students in environmental justice and green building careers.	Elizabeth Harper, EcoRise; Will Davies, University of Texas	Thursday, October 19	11:00 AM	11:40 AM	Justice, equity, diversity, inclusion, and accessibility Middle & high school programs Climate change education	Traditional Presentation	Live (via Zoom)
Divided Together Podcast and Indigenous Topics on the U.S.-Mexico Border	The Divided Together podcast, developed by California's Border Field State Park, reveals topics that involve separation and unification concerning the border. It highlights the impacts the border had on the Kumeyaay and their land. Learn about how to reach a wide audience within a public agency, with Kumeyaay podcast guest.	Anne Marie Marie Tipton, Tijuana River National Estuarine Research Reserve	Thursday, October 19	11:00 AM	11:40 AM	Justice, equity, diversity, inclusion, and accessibility Adult education	Traditional Presentation	Live (via Zoom)
Introducing the Affiliate Toolkit (Hands-On)	Come test drive and learn more about the New NAAEE Affiliate Toolkit. We'll take time to explore the toolkit itself and brainstorm additional content needed to build capacity for all Affiliates.	Bruce Young, NAAEE	Thursday, October 19	11:00 AM	11:40 AM	Leadership and capacity building	Traditional Presentation	Live (via Zoom)
Learner-Centered Approach to E-STEM Education in High Schools Across Africa	The session explores Green Growth Africa's learner-centered approach to engaging high school students across Africa in identifying and solving environmental challenges in their communities. This involves hands-on implementation of environmental solutions, mentorship by international experts, webinars for peer-learning, and project outcome sharing for soft-skill acquisition and capacity building	Adeboyin Adeleke, International Support Network for African Development (ISNAD-Africa)	Thursday, October 19	11:00 AM	11:40 AM	International EE Middle & high school programs STEM	Traditional Presentation	Live (via Zoom)
UN Decade on Ecosystem Restoration: Education Challenge 6.1	Come learn about the UN Restoration Decade's Education Challenge 6.1, which aims to embed ecosystem restoration education into formal and non-formal education systems worldwide by 2030! This challenge is being led by Foundation for Environmental Education (FEE), UNESCO, and NAAEE.	Nina Hamilton, NAAEE; Andy David, NAAEE	Thursday, October 19	11:00 AM	11:40 AM	Climate change education International EE Civic engagement	Traditional Presentation	Live (via Zoom)
10th Annual Environmental Education Evaluation Clinic	Interested in learning more about program evaluation? Bring your questions to this interactive session! We will provide a brief overview of the basics of program evaluation, then you'll have the opportunity to join breakout rooms to ask any questions you have about evaluation, including those specific to your program.	Noelle Wyman Robb, Duke University; Karyl Askew, Karyl Askew Consulting, LLC; Rachel Becker-Klein, Two Roads Consulting; Alexandria Brasil, Maine Mathematics and Science Alliance; Steven Braun, eeRISE LLC; Julie Ernst, UMD; Khatrayoon Khalli, New England Aquarium; Thomas J. Marchinkowski, Florida Institute of Technology; Elizabeth (Libby) McCann, Antioch University New England; Kathryn Stevenson, NC State University	Thursday, October 19	12:00 PM	1:00 PM	Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Hands-on Presentation	Live (via Zoom)
Equity Work, Environmental Education, and Education Public Policy	This session continues the 2022 dialogue on advancing equity practices in the face of and under the yoke of anti-woke, anti-anti-d, anti-LGBTQ laws and legislation. Participants will engage in inspiring discussion about practices, commitments and tactics for continuing to move anti-oppression work forward in EE orgs, curricula, and communities.	Tallie Segel, Concordia University; Charissa V. Jones, OSU Extension Service Outdoor School	Thursday, October 19	12:00 PM	1:00 PM	Civic engagement Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Hands-on Presentation	Live (via Zoom)
Integrating Climate Change into K-12 Education: Strategies and Collaborations	Learn strategies and examples of collaborations between higher education institutions (MT), youth-led organizations (Spring Forward), and nonprofit organizations (SubjecttoClimate) to support educators in teaching about climate change across all subjects. Participate in breakout discussions and leave with actionable steps to enhance climate change education.	Margaret Wang, SubjecttoClimate; Sylvia Scharf, Environmental Solutions Initiative at MIT; Mina Subramanian, Spring Forward; Julia Bae, Spring Forward	Thursday, October 19	12:00 PM	1:00 PM	Civic engagement Climate change education Middle & high school programs	Hands-on Presentation	Live (via Zoom)

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National Geographic Society Education Funding Opportunities: Where Education Meets Exploration	Did you know that all NGS Explorers are grantees? Join the NGS Education Grants team to learn about funding priorities and opportunities and hear an Explorer share more about their work. You will have time to reflect on your own practice and learn tips to create a strong grant application.	Sarah Van Dym, National Geographic Society; Britney Beck, California State University; Bakendiyi Fay Core, National Geographic Society	Thursday, October 19	12:00 PM	1:00 PM	International EE Underrepresented audiences University programs	Hands-on Presentation	Live (via Zoom)
TV and Trees: A Collaborative Model for Environmental STEM Education	Thirteen PBS and Project Learning Tree discuss their successful collaboration to use the PBS KIDS series, Cyberchase, and hands-on activities to help kids explore the environment. The session includes an overview & demonstration of existing resources and strategies for creating partnerships with public media stations to support environmental learning.	Norah Jones, The WNET Group; Janice Fuld, The WNET Group; Thirteen PBS; Danika Stecko, Sustainable Forestry Initiative; Bora Simmons, National Project for Excellence in Environmental Education; James Thordarson, Sustainable Forestry Initiative	Thursday, October 19	12:00 PM	1:00 PM	Elementary school programs STEM Underrepresented audiences	Hands-on Presentation	Live (via Zoom)
Tools for Climate Justice: Removing Barriers to Engagement	This panel explores how tools can be used to engage communities who do not see themselves as environmentalists. Speakers specializing in youth climate advocacy and engagement from across Canada will discuss the use of storytelling, art, and technology to build more resilient communities and amplify the voices of marginalized communities to take action on climate change.	Jasveen Brar, Ocean Wise; Neily Leo, Embark Sustainability Society	Thursday, October 19	12:00 PM	1:00 PM	Civic engagement Climate change education Justice, equity, diversity, inclusion, and accessibility	Symposium	Live (via Zoom)
Youth Conservation Education Across Africa	Africa has the largest youth population and some of the world's most critical yet threatened biodiversity hotspots. Join environmental educators from Kenya, Malawi, Namibia, and Tanzania who work with youth to advance conservation. Learn how they ensure that their programs are inclusive, youth-oriented, and can be applied in other locations.	Patrick Arnold, 10 Billion Strong; Nabol Mbeeli, Namibia Nature Foundation; Kevin Lunzuu, Kenyan Youth Biodiversity Network; Allans David, Sustainable Ocean Alliance Tanzania; Steven Makumba, NatureKit	Thursday, October 19	12:00 PM	1:00 PM	International EE Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Symposium	Live (via Zoom)
Applying for Jobs: Effective Resume Writing and Interview Tips	Participants will learn tools to excel in interviews for internships, fellowships, and jobs. This session will cover creating a standout resume, highlighting your skills and experience, and aligning them with job announcements. Participants will also walk through common interview questions, preparation, and strategies to make a great first impression and leave a lasting impression on potential employers.	Amara Felicia Davis, NOAA Sea Grant; Amanda Lawrence, NOAA Sea Grant	Thursday, October 19	1:30 PM	2:10 PM	Leadership and capacity building Young professionals	Traditional Presentation	Live (via Zoom)
Building an Environmental Literacy Framework for Career and Technical Education	Join partners Advance CTE, the Delaware Department of Education, and the National Oceanic and Atmospheric Administration in a conversation about an initiative to develop environmental literacy competencies for Career Technical Education and prepare learners in Delaware for tomorrow's green workforce through a statewide environmental literacy framework.	Dan Hindertler, Advance CTE; Jon Wickert, Delaware Department of Education; Denise Punnett-Cuff, Delaware Department of Education; Bart Merrick, NOAA	Thursday, October 19	1:30 PM	2:10 PM	Climate change education Middle & high school programs STEM	Traditional Presentation	Live (via Zoom)
Building Capacity for Environmental Literacy in the First State	Advancing Environmental Literacy in Delaware is the objective of a new collaboration between the local NAAEE affiliate, a statewide community of practice, regional partners, and local school districts. Participants will understand how these interconnected networks interact to meet individual and collective goals, lessons learned, and future expectations for the project.	David Matthew Christopher, Delaware Sea Grant/University of Delaware; David Kline, Stroud Water Research Center; David Pragoff, Delaware Nature Society; Todd Klawinski, Caesar Rodney School District	Thursday, October 19	1:30 PM	2:10 PM	Leadership and capacity building NGS/Common Core Civic engagement	Traditional Presentation	Live (via Zoom)
Developing Strategies to Address Climate Emotions and Build Self-Efficacy in Young People	As the climate crisis continues to escalate, research shows that a climate change-related disaster can be traumatic with impacts on mental health, particularly for young people. Join the Forest Service, National Environmental Education Foundation, and Climate Mental Health Network to discuss strategies for how to address emotions in climate education strategies.	Melissa Taggart, USDA Forest Service; Heidi McKittrick, US Forest Service; AshaLeta Henderson, National Environmental Education Foundation; Lian Zelt, Climate Mental Health Network; Rachel Bayer, Forest Service	Thursday, October 19	1:30 PM	2:10 PM	Climate change education Justice, equity, diversity, inclusion, and accessibility Underrepresented audiences	Traditional Presentation	Live (via Zoom)
Exhibitor Showcase—Project WILD: Wildlife Across the Curriculum	For forty years, the Project WILD program has provided high-quality materials and educator professional development to educators serving pre-K through 12th-grade students, as well as college-level instructors. Learn how to get involved in incorporating cross-curricular, standards-based topics on wildlife, habitat, and stewardship into school curriculum and out-of-school programming.	Marc LeFebvre, Association of Fish & Wildlife Agencies/Project WILD; Elena Takaki, Association of Fish & Wildlife Agencies	Thursday, October 19	1:30 PM	2:10 PM	Early childhood Elementary school programs Middle & high school programs	Traditional Presentation	Live (via Zoom)
Lessons Learned from a Community of Practice Focused on Evidence-Based Learning	This interactive presentation will describe developing a collaborative learning network with 43 organizations associated with National Park Foundation's Open Outdoors for Kids program. We will discuss how systematic evaluation and regular opportunities to share ideas with each other can lead to systematic programmatic improvement, collaborative learning, and enhanced evaluation capacity.	Kelley Anderson, Virginia Tech; Marc Stern, Virginia Tech; Robert B. Powell, Clemson University; Troy Frenley, University of North Carolina at Wilmington	Thursday, October 19	1:30 PM	2:10 PM	Leadership and capacity building	Traditional Presentation	Live (via Zoom)

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Creating Capacity in Higher Education	How do we create capacity in higher education? Presenters have been developing statewide networks for higher education faculty in their home states. Join to hear about their experiences and share your own ideas about how to best support higher education faculty in environmental education.	Rebecca L. Franzen, University of Wisconsin–Stevens Point, Wisconsin Center for Environmental Education; Patty Born, Hamline University School of Education; Brekke Bounds, Environmental Education Association of Illinois; Victoria Derr, California State University, Monterey Bay; Sarah Haines, Towson University; Chelsea McClure, Towson University; Bryan Nichols, Florida Atlantic University	Thursday, October 19	2:30 PM	3:10 PM	Leadership and capacity building University programs	Roundtable Discussion	Live (via Zoom)
Exploring Fund Development for Affiliates	A roundtable discussion on fund development for NAAEE Affiliates	Laura Downey, Kansas Association for Conservation and Environmental Education (KACEE)	Thursday, October 19	2:30 PM	3:10 PM	Leadership and capacity building	Roundtable Discussion	Live (via Zoom)
Quest Pedagogy: Decolonizing Place-Based Education on Indigenous Lands	Join a dialogue about the roles environmental educators can play addressing the complex socio-ecological histories of the lands where we teach. Explore our responsibilities to move beyond a land acknowledgment and discuss efforts to decolonize place-based education and foreground Indigenous knowledge, with a focus on higher education.	Jenny Myers, Wells College; Clara Lima, Wells College; Ernie Olson, Wells College	Thursday, October 19	2:30 PM	3:10 PM	Traditional knowledge University programs Gardening and food systems	Roundtable Discussion	Live (via Zoom)
Moving Youth from Awareness to Collective, Community-Engaging Action	Are you invested in environmental action as an outcome of EE? It's tough, right? Join this discussion to dig into the challenges and possibilities of moving youth from awareness to collective community action. Roundtable participants will work collaboratively to generate ideas to support learners in bringing action to EE.	Alicia Torres, The Everglades Foundation; Susan Tobin, EVERGLADES FOUNDATION; Alyssa McConkey, Earth Force	Thursday, October 19	2:30 PM	3:10 PM	Civic engagement Middle & high school programs Justice, equity, diversity, inclusion, and accessibility	Roundtable Discussion	Live (via Zoom)
NAAEE Fundraising Roundtable #2	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.	Krishna Roy, Consultant	Thursday, October 19	2:30 PM	3:10 PM	Leadership and capacity building	Roundtable Discussion	Live (via Zoom)
Superintendents' Environmental Education Collaborative	Are you working with school district leadership to advance systemic environmental literacy, or do you want to hear from colleagues about what works? Join us for an interactive conversation about how EE programs and providers can best support school districts and help create systemic frameworks for K12 environmental literacy.	Sarah Bodor, NAAEE; Kathy McGlaulin, NAAEE; Karen Cheser, Durango Schools; Andrea Kane, University of Pennsylvania; Jaclyn Stallard, Project Learning Tree/Sustainable Forestry Initiative	Thursday, October 19	2:30 PM	3:10 PM	Elementary school programs Leadership and capacity building Middle & high school programs	Roundtable Discussion	Live (via Zoom)
Plenary Session — All times are Eastern Daylight Time								
Keynote: Tiya Miles and Sara St. Antoine in Conversation	Keynote: Tiya Miles and Sara St. Antoine in Conversation	Tiya Miles, Michael Garvey Professor of History and Radcliffe Alumnae Professor, Harvard University Sara St. Antoine, Author and editor Moderator: Emily Polk, Stanford University	Thursday, October 19	3:30 PM	5:00 PM		Plenary Session	live (via Zoom)
Concurrent Sessions — All times are Eastern Daylight Time								
Capacity Building at Scale: Key Ingredients for Excellent Knowledge to Action Professional Learning	Fostering environmental and climate initiatives in California's K-12 schools requires investing in comprehensive knowledge-to-action professional development for a variety of constituents — teachers, administrators, partners, and youth. We've successfully implemented programs in districts and counties statewide, pinpointing essential elements for transformative PD. Join us to discover ideas adaptable to your needs.	Andra Yeghohan, Ten Strands; Amity Sandage, Santa Cruz County Office of Education; Stephanie Sedmon, CAELI/Ten Strands/Stanford University/UndauntedK12	Thursday, October 19	5:15 PM	5:55 PM	Leadership and capacity building Adult education Climate change education	Traditional Presentation	Live (via Zoom)
Culturally Relevant Mentoring and Environmental Action Impact on Historically Excluded Groups	We will present empirical research results exploring how near-peer mentoring and place-based environmental action affects environmental self-efficacy, interest, and career goals of teens with historically excluded identities. Results will be reinforced and discussed in light of the culturally relevant mentorship practices and program design principles used in the program.	Laura Marie Cisneros, University of Connecticut; Danielle P. Kloster, SUNY College of Environmental Science and Forestry	Thursday, October 19	5:15 PM	5:55 PM	Civic engagement Justice, equity, diversity, inclusion, and accessibility Middle & high school programs	Traditional Presentation	Live (via Zoom)

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Eco-Visualization as Arts-Based Environmental Education: Visualizing Local Water-Quality Data	Through eco-visualization, artists, designers, scientists, and concerned citizens aim to unearth anthropocentric modes of being in the world, render ecological relationships visible, and embedden sustainable acts. Learn about how middle-school students engaged in arts-based eco-visualization as they investigated and visualized local water-quality data, primarily through sculptural forms and installations.	Joy G. Berting, University of Tennessee; Arianda Galbraith, University of Tennessee; Tabitha Wandell, University of Tennessee; Rita Swartzemuber, University of Tennessee; Lynn Hodge, University of Tennessee	Thursday, October 19	5:15 PM	5:55 PM		Traditional Presentation	Live (via Zoom)
Green Youth Changemakers Project	The aim of the Green Youth Changemakers project is to increase active participation and youth engagement in lacking environmental challenges locally and globally, and build the capacity of youth as future leaders and driving forces behind a new sustainability reality (now and tomorrow).	Gabriela Mezelova, Sustainability Fellow	Thursday, October 19	5:15 PM	5:55 PM	Civic engagement International EE Leadership and capacity building	Traditional Presentation	Live (via Zoom)
Sparking Clean Energy Careers with K-12 Vocational Programs	With nine million green jobs projected to be created in this decade, there is a need for K-12 vocational education to equip students with the technical skills and knowledge needed for these green careers. Attendees will learn about benefits of and strategies for implementing green energy vocational programs.	Kristen Keim, Generation 180; Karely Carlos, Stockton Unified School District; Jordan Croly, School District of Philadelphia	Thursday, October 19	5:15 PM	5:55 PM	Young professionals STEM Middle & high school programs	Traditional Presentation	Live (via Zoom)
Building a Statewide Citizen Science Collaborative Across EE Centers	North Carolina recently built a collaborative network of environmental education centers to collectively deliver statewide citizen science events four times per year. Learn more about how the group was formed, how it is managed, and the success of the events from the co-founders of Science Across North Carolina.	Christine Goforth, North Carolina Museum of Natural Sciences; Jonathan Marchal, The North Carolina Arboretum	Thursday, October 19	6:15 PM	6:55 PM	Civic engagement Leadership and capacity building	Traditional Presentation	Live (via Zoom)
Food Waste Warriors: Turning Cafeterias into Classrooms	Every 10 seconds, 20+ tons of food is thrown out. That's almost one school bus full of food! This is why the school cafeteria is a great place to help the planet by reducing food waste. Join WWF's presentation of the Food Waste Warriors (FWW) program to guide K-12 schools on their food waste journey.	Mary Jane Chandler, World Wildlife Fund	Thursday, October 19	6:15 PM	6:55 PM	Leadership and capacity building Middle & high school programs Climate change education	Traditional Presentation	Live (via Zoom)
Practicing Ethnoplum: "Two Eyed Seeing" in Environmental Education	Ethnoplum, or "Two-Eyed Seeing," means to see from one eye with the strengths of indigenous ways of knowing and from the other eye with the strengths of Western ways of knowing. In this presentation, we will share our story of working together to respectfully and meaningfully practice this in environmental education.	Hailey Guest, Clean Foundation; Stephanie Bernard, We'koqma's School	Thursday, October 19	6:15 PM	6:55 PM	Climate change education Justice, equity, diversity, inclusion, and accessibility Traditional knowledge	Traditional Presentation	Live (via Zoom)
Revitalizing Schoolyard Green Stormwater Infrastructure with Student Training and Education	Learn how a public agency, school district, nonprofit, and engineering firm are working together to ensure green infrastructure on San Francisco's campuses provides outdoor learning opportunities for students in addition to capturing stormwater. The Youth Watershed Stewards program provides career readiness, technical training, schoolyard curriculum, and intergenerational learning opportunities for students.	Anne Bremirez, The Watershed Project; Kelly Tejer, San Francisco Public Utilities Commission	Thursday, October 19	6:15 PM	6:55 PM	Gardening and food systems STEM NGSS/Common Core	Traditional Presentation	Live (via Zoom)
Using Photovoice to Create Culturally Responsive Environmental Education Programs	Youth Organization for Lights Out participants used Photovoice method to document the impact of light pollution in their community and create an exhibit at Adler Planetarium. Photovoice will be utilized to demonstrate how educators can create a safe and respectful space for diverse voices.	Waleska Valle, Adler Planetarium; Orlando Solorzano, Enlace Chicago; Yuridia Gutierrez, Enlace Chicago	Thursday, October 19	6:15 PM	6:55 PM	Civic engagement Justice, equity, diversity, inclusion, and accessibility Middle & high school programs	Traditional Presentation	Live (via Zoom)
Ways of Knowing: OMELCN Incorporation of Traditional and Scientific Knowledge	Osprey Wilds Environmental Learning Center in Sandstone, MN has a new class called Climate Change: Ways of Knowing. This class incorporates techniques of gathering Traditional Ecological Knowledge and Scientific Ecological Knowledge to allow students to contribute to a community science project revolving around milkweed.	Ashley Bozman, Osprey Wilds Environmental Learning Center	Thursday, October 19	6:15 PM	6:55 PM	Traditional knowledge STEM NGSS/Common Core	Traditional Presentation	Live (via Zoom)

Concurrent Sessions — All times are Eastern Daylight Time

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A Co-Designed Curriculum to Support Personal, Community, and Ecological Resilience	Resilience provides a lens to examine how humans, communities, and ecosystems can survive and thrive in difficult scenarios through hope and action. Come hear about our multidisciplinary resilience curriculum, how we collaboratively designed this curriculum with local partners, and how you can incorporate resilience in your unique learning context!	Aurora McCollum, Duke University Marine Lab; Kelsey Tayne, North Carolina State University; Elizabeth DeMattia, Duke University Marine Lab; Kathryn Stevenson, NC State University; Patrick Jeffs, The Resiliency Solution; K.C. Busch, North Carolina State University; Nils Peterson, NC State University; Matthew Turpin, Morehead City Middle School; Betsy Vorster, Beaufort Middle School; Stacy Ham, Morehead City Middle School; Max Smith, Beaufort Middle School; Robert Condie, Broad Creek Middle School; Kayla Ippock, Broad Creek Middle School; Lindsey Fotie, Down East Middle School; Mary-Katherine Dufour, Down East Middle School; Charlotte Johnson, Down East Middle School	Friday, October 20	11:00 AM	11:40 AM	Civic engagement Leadership and capacity building Middle & high school programs	Traditional Presentation	Live (via Zoom)
Growing Nature Stewards: Strategies for Successful Parent-Child Programs	Cultivating a love and respect for the natural world from a young age creates future environmental stewards. A successful parent-child program reaches toddlers at their level and engages parents in creating wonder-filled experiences. Learn how to lead parent participation sessions that balance ecology with developmentally appropriate learning.	Nicole Dravillas-Fravel, Wildwood Nature School	Friday, October 20	11:00 AM	11:40 AM	Early childhood	Traditional Presentation	Live (via Zoom)
Leading Beyond Green: Hope-Filled Regenerative Climate Action in Schools	The Ecology School and DoorNumberOne.org are building a community of practice around regenerative climate action. We will share learning from the first 20 months in the Climate Action Accelerator Program with schools across Canada, and the experience of developing a campus to the standard of the Living Building Challenge.	Michèle Andrews, DoorNumberOne.org; Drew Dumsch, The Ecology School	Friday, October 20	11:00 AM	11:40 AM	Climate change education Leadership and capacity building Civic engagement	Traditional Presentation	Live (via Zoom)
The Illinois Nature Notebook Project: Ecosystems, Scale, and Inclusivity	The Illinois Nature Notebook Project is a series of nature notebooks for middle school-aged children and their households. These beautiful notebooks guide children through explorations in nature at three scales: at their home, at their park, and at their forest preserve while examining the topics of ecosystems and biodiversity.	Samantha Lindgren, University of Illinois Urbana-Champaign; Abigail Elizabeth Garofalo, University of Illinois Extension; Meghan McCleary, University of Illinois Extension; Susan M. Casper, University of Illinois Extension; Amanda Nieves, Forest Preserves of Cook County; Barbara Hug, University of Illinois Urbana-Champaign; Christina Tran, University of Illinois Urbana-Champaign	Friday, October 20	11:00 AM	11:40 AM	Justice, equity, diversity, inclusion, and accessibility Middle & high school programs NGSS/Common Core	Traditional Presentation	Live (via Zoom)
Youth as Partners Towards Equitable Communities	Join us to look at Environmental Action Civics as a tool to increase youth engagement in community resilience efforts. We will share some examples of the work, then open the space up to discussion on best practices and what's realistic and possible in your work.	Alyssa McConkey, Earth Force; Taylor Ruffin, Earth Force; Sarah Jennings, Earth Force; Krynell Dorfman, University of Michigan	Friday, October 20	11:00 AM	11:40 AM	Civic engagement Middle & high school programs Justice, equity, diversity, inclusion, and accessibility	Traditional Presentation	Live (via Zoom)
Building Relationships in Evaluation for Equitable and Culturally Responsive Programming	Building relationships is essential for program evaluation that is oriented towards equity and authenticity. This session will support practitioners and evaluators in building authentic relationships with participants, communities, and other stakeholders. We will provide insights and opportunities for dialogue around relationship building and share examples of these practices in action.	Karyl Askew, Karyl Askew Consulting, LLC; Steven Braun, weRISE, LLC; Charlotte Clark, Duke Nicholas School of the Environment; Jean Chimbirima Kayira, Antioch University New England; Talitha Kizobor-Reeves, Antioch University New England; Kathryn Stevenson, NC State University; Kelsey Tayne, North Carolina State University	Friday, October 20	12:00 PM	1:00 PM	Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building Underserved audiences	Hands-on Presentation	Live (via Zoom)
Collaboratively Growing Community Climate Resilience: Let's Discuss!	ResilienceMT is a NOAA-funded project collaborating with Montana tribal and rural communities to grow climate resilience. We'll interview our story with engaging participants in sharing theirs. Topics include community-centered collaboration, sparking interest via a traveling exhibition, finding common ground on controversial issues, and finding joy in building community resilience.	Nicolette Frank, University of Montana; Beth A. Court, University of Montana; Robin Saha, University of Montana	Friday, October 20	12:00 PM	1:00 PM	Climate change education Leadership and capacity building Middle & high school programs	Hands-on Presentation	Live (via Zoom)

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From Margin to Center: A Transformative Activity on Power and Privilege	This session will highlight a specific transformative learning activity from Justice Outside's Rising Leadership Fellowship program. From Margin to Center, an activity on power and privilege, helps participants realize their proximity to white supremacy, learning how to leverage their own privilege in order to re-establish whatwho society centers.	Mary Traylor, Justice Outside	Friday, October 20	12:00 PM	1:00 PM	Adult education Justice, equity, diversity, inclusion, and accessibility Young professionals	Hands-on Presentation	Live (via Zoom)
Place-Based Explorations for Examining the Science and Solutions to Extreme Heat	Learn about the co-creation of a place-based, hands-on STEM curriculum that invites youth to explore the nuances of extreme heat in their community through examination of local data and maps, such as heat maps and maps of socioeconomic indicators, and evaluation of solutions that promote heat equity.	Emma Refvem, Durham Public Schools	Friday, October 20	12:00 PM	1:00 PM	Justice, equity, diversity, inclusion, and accessibility Climate change education Middle & high school programs	Hands-on Presentation	Live (via Zoom)
Tumultuous Times: Educating Against Attacks on Queer and Trans People	The U.S. is experiencing an escalation in cultural and legal attacks against LGBTQ+ communities, especially transgender youth. We'll review current legislative trends, and participants will share stories of impacts on educators and students. We'll discuss approaches to organizational support and engage in somatic practices to increase our capacity for action.	Elizabeth A. VanWyhe, OSU Extension Service – Outdoor School; Yarrow Koning, Florida Atlantic University; Charissa V. Jones, OSU Extension Service Outdoor School	Friday, October 20	12:00 PM	1:00 PM	Civic engagement Justice, equity, diversity, inclusion, and accessibility Underserved audiences	Hands-on Presentation	Live (via Zoom)
eBLUE Evaluation: What's the Impact?	Two grant programs under the eBLUE partnership are complete—21st CCLC Watershed STEM Education Partnership and Aquaculture Literacy. External evaluation teams evaluated each program, and now it is time to share results, lessons learned, and understand impact. Join project managers and evaluators for an incredible deep dive into the eBLUE partnership and discover what is next for informal STEM.	T'Nyoya Thompson, NAAEE; Bronwen Rice, NOAA; Sara Crelier, Education Development Center; Erin Stafford, Education Development Center (EDC); Katie Butler, GeoLiteracy; Jennifer Jock, Education Development Center	Friday, October 20	12:00 PM	1:00 PM	Leadership and capacity building STEM Underserved audiences	Symposium	Live (via Zoom)
Working Towards Racial Equity: Stories of Organizational Transformation	Twenty organizations nationwide are working toward racial equity with Lawrence Hall of Science and Justice Outside. They formed Organization Systems Change Teams and Professionals of Color Teams to transform their workplaces. Come hear three courageous and inspiring organizations share their accomplishments, challenges and insights for transforming the field.	Craig Strang, Lawrence Hall of Science; Laura Rodriguez, Justice Outside; Jedda Foreman, Lawrence Hall of Science	Friday, October 20	12:00 PM	1:00 PM	Leadership and capacity building Justice, equity, diversity, inclusion, and accessibility Underserved audiences	Symposium	Live (via Zoom)
Climate Change and Marine Science PD with p-3 Bilingual Classroom Teachers	This session will share a professional development initiative in which preservice and practicing teachers learned ways to integrate marine science and climate change into their curriculum. Panelists include faculty and p-3 teachers who will share lessons and children's book recommendations, with a focus on English Language Learners in urban settings.	Louise Anmenbrp, The College of New Jersey; Natasha Agrawal, Trenton Public Schools; Niurka Corrado, Trenton Public Schools; Robyn Koehn, Koehn Learning Center; Gabriela Rivera-Peña, The College of New Jersey	Friday, October 20	1:30 PM	2:10 PM	Underserved audiences Early childhood Elementary school programs	Traditional Presentation	Live (via Zoom)
Exhibitor Showcase—Climate Emergency Feedback Loop	Interested in free resources designed for educators to teach the facts about climate change and inspire action within your communities? Introducing Climate Emergency Feedback Loops, a series of five short videos focusing on one of the often overlooked but most relevant aspects of climate change—feedback loops and tipping points. Narrated by Richard Gere.	Melanie Wallace, Moving Still Productions Inc.; Miles Stevenson, Moving Still Productions Inc.	Friday, October 20	1:30 PM	2:10 PM	Climate change education Middle & high school programs University programs	Traditional Presentation	Live (via Zoom)
Mapping Pathways into Climate Justice and Sustainability in a Faculty of Education	Faculties of education are uniquely positioned to lead curricular and pedagogical shifts in higher education and K-12 education to address the climate crisis. This session maps the creative pathways towards climate justice and sustainability being taken by a leading faculty of education in Canada.	Hilary J Inwood, OISE, University of Toronto; Sarah Urquhart, OISE, University of Toronto	Friday, October 20	1:30 PM	2:10 PM	Adult education Leadership and capacity building University programs	Traditional Presentation	Live (via Zoom)
Oregon Educators Working Toward K-12 Comprehensive Climate Education	Members from Oregon Educators for Climate Education will share our work over the last two years to advocate for and introduce statewide legislation for climate education. We will share lessons learned and goals for others interested in helping their states support climate education in K-12 schools.	Sarah Stapleton, University of Oregon; Sarah Ruggiero Kirby, Eugene 4J School District	Friday, October 20	1:30 PM	2:10 PM	Climate change education Leadership and capacity building Civic engagement	Traditional Presentation	Live (via Zoom)
Plastic Free Cities: Empowering Youth-Led, Community-Driven, Single-Use Plastic Reduction	Plastic Free Cities is a youth-led effort to prevent in-land plastic pollution by encouraging businesses to reduce single-use plastics. Training is focused on empowering students from historically underserved backgrounds to increase the accessibility of conservation campaigns and equipping students with resources to spearhead environmental action in their own communities.	Maggie Winchester, Ocean Conservancy; Emily Milton, Big Blue & You; Madeline Kaufman, Debris Free Oceans	Friday, October 20	1:30 PM	2:10 PM	Underserved audiences Justice, equity, diversity, inclusion, and accessibility Climate change education	Traditional Presentation	Live (via Zoom)

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The Ripple Effects of Evaluation: Making Space for Unintended Dialogue	Ripple Effects Mapping and appreciative inquiry methods were used to collect qualitative story-points to assess two coalitions' impacts in the areas of food systems and social determinants of health. As frameworks were explored during the coding process, tensions between inductive, deductive, and equitable evaluation grew. Can we reconcile these differences?	Mandy Baily, University of Florida; Ramona Madhosingh-Fedor, University of Florida/FAS Extension	Friday, October 20	1:30 PM	2:10 PM	Justice, equity, diversity, inclusion, and accessibility Civic engagement Gardening and food systems	Traditional Presentation	Live (via Zoom)
Building Collaborative Networks to Support Outdoor Learning in Schools and Parks	Join the Schools in Parks Collaborative to discuss strategies for developing long-term peer networks that bring together formal and informal educators for innovative professional development in EE, to create and support lasting relationships and meaningful learning experiences in the outdoors for educators and students alike.	Sarah Yellow, UNC Institute for the Environment; Sean Higgins, north carolina state parks	Friday, October 20	2:30 PM	3:10 PM	Elementary school programs Underserved audiences	Roundtable Discussion	Live (via Zoom)
Let's Talk About Burnout: What Leaders Need to Know	Join us for a discussion on preventing burnout in environmental education organizations. During this session, we will discuss the causes and impacts of burnout and how it disproportionately affects specific identities. This session will go beyond staff well-being and discuss deeper issues perpetuating burnout. Learn strategies to create systemic organizational change.	Jordan Marino, DEI Outdoors	Friday, October 20	2:30 PM	3:10 PM	Graduate student research Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Roundtable Discussion	Live (via Zoom)
Pathways to Inclusive Workforces in Conservation Careers	The Zoo and Aquarium community has committed to advancing leadership opportunities for people who identify as women and/or people of color. How can their work inform change in the broader environmental education field? We will share the results of two research efforts followed by a discussion and interactive action planning.	Elise Bernardoni, Canopy Strategic Partners; Shannon Fitzgerald, The SSA Group; Claire Lannoye-Hall, Detroit Zoological Society; Kyle Luntby, Global Aspects Human Capital Advisors	Friday, October 20	2:30 PM	3:10 PM	Justice, equity, diversity, inclusion, and accessibility Leadership and capacity building	Roundtable Discussion	Live (via Zoom)
Pennsylvania's ELIT Capacity Building Network, Hubs, MWEEs, and New Standards	BIG things are happening through Pennsylvania Environmental Literacy Capacity Building Initiatives! Join this discussion about networking and support activities that could be used in your state or region. And learn about PA's recent K-12 standards update process, which led to a new Environmental Literacy and Sustainability domain added to NGSS.	Steve C. Kerlin, Stroud Water Research Center; Tamara E Pfeffer, PA Department of Education; Michelle L Niedemeier, PA IPM Program	Friday, October 20	2:30 PM	3:10 PM	Leadership and capacity building NGSS/Common Core Underserved audiences	Roundtable Discussion	Live (via Zoom)
Religiously and Culturally Rooted Environmental Education	Environmental education is often rooted in scientific, secular approaches, but we argue that surfacing the religious and cultural dimensions of EE can make room for crucial ethical and emotional elements while making it accessible to present-day faith-based communities. We gather environmental educators from diverse religious/cultural backgrounds to discuss this work.	Naama Sagan, University of California Berkeley; Ariel Evan Mayse, Stanford University; Jenna Cobb, Community Nature Connection; Sarah R. Johnson, Wild Rose Education; Helen W Kuhns, Lynnhaven River NOW; Iran Berry, Green Ummah	Friday, October 20	2:30 PM	3:10 PM	Civic engagement Spirituality Justice, equity, diversity, inclusion, and accessibility	Roundtable Discussion	Live (via Zoom)
Transitioning from a Volunteer Board to Paid Staff	A roundtable discussion on considerations, tips and tricks when transitioning from a volunteer run Affiliate to one with staff	Bruce Young, NAAEE	Friday, October 20	2:30 PM	3:10 PM	Leadership and capacity building	Roundtable Discussion	Live (via Zoom)
Plenary Session — All times are Eastern Daylight Time								
Closing Keynote with John Barry	Keynote address with John Barry and respondents (to be announced)	John Barry, Centre for Sustainability, Equality, and Climate Action at Queens University Belfast	Friday, October 20	3:30 PM	5:00 PM	Leadership and capacity building	Plenary Session	live (via Zoom)