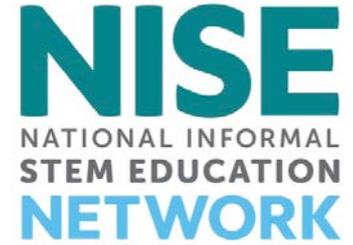


NISE Network Online Workshop

Sustainability in Museums Around the World: Working Together to Create a Sustainable Future

February 18, 2020



Welcome! Today's presenters are:

- **Nich Weller**, Arizona State University
- **Deanna Moore**, Virginia Living Museum
- **Mallory Cotter**, Mounts Botanical Garden
- **Jeannie Colton**, Arizona State University
- **Stephanie Long**, Science Museum of Minnesota



As we wait to get started with today's discussion, please:

- **Update your display name:** Include your first and last names and your institution
- **Introduce yourself!** Type your name and institution into the Chat Box
- **Questions?** Feel free to type your questions into the Chat Box at any time throughout the online workshop or use the raise your hand function in the participants list and we'll unmute your microphone

All online workshops are recorded and archived online:

<http://www.nisenet.org/event-type/online-workshop>



**SUSTAINABLE
FUTURES**

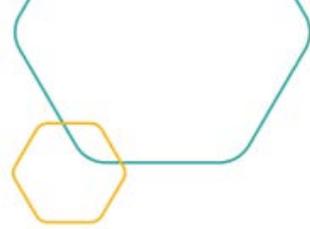


SUSTAINABLE FUTURES

Working Together to Create
a Sustainable Future

Agenda

1. Program overview
2. Sustainability and museums
3. Earth Day programming at the Virginia Living Museum and Mounts Botanical Garden
4. NISE Network sustainability programs and activities



NISE Network Sustainability Initiative

Purpose: Support museums and similar cultural organizations in their efforts to integrate sustainability into their program and operations.

Approach: Provide professional development and resources that share and develop sustainability science and practice.

Strategic outcome: Leverage the power of museums around the world to help millions of people understand the social, environmental and economic impact of human behavior on the planet's future.



NISE Network Sustainability Initiative

Professional development: Fellowship program, online workshops, and online resources

Public programs: New programs in a variety of formats to complement the existing sustainABLE kit of hands-on activities

<http://www.nisenet.org/sustainability>





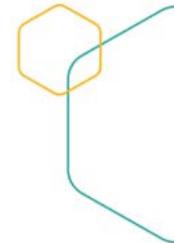
Workshop Series

Aim: Support Network partners in engaging staff, visitors, and communities in creating a sustainable future.

Today's workshop:

- Introduction to sustainability and museums

Upcoming workshops:

- Sustainability and Museum Operations:
 - Tuesday, February 25, 2020; 2-3pm Eastern/11am-12pm Pacific.
 - Sustainability and Museum Visitors:
 - Tuesday, March 3, 2020; 2-3pm Eastern/11am-12pm Pacific.
- 



POLL

How much experience does your organization have with sustainability?

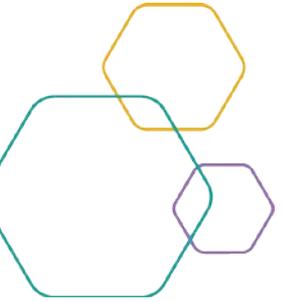
A little

Some

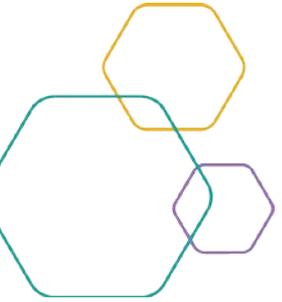
A lot

Not sure



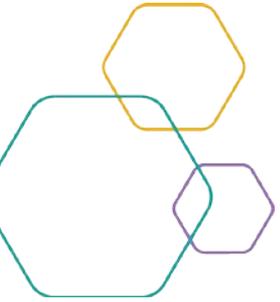


What is Sustainability?



Sustainability

“meets the needs of the present without compromising the ability of future generations to meet their own needs”



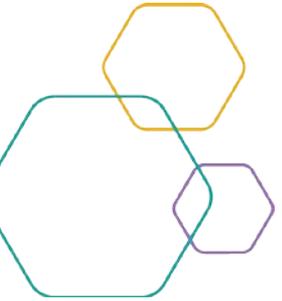
Sustainability

“meets the **needs** of the **present** without compromising the ability of **future** generations to meet their own needs”

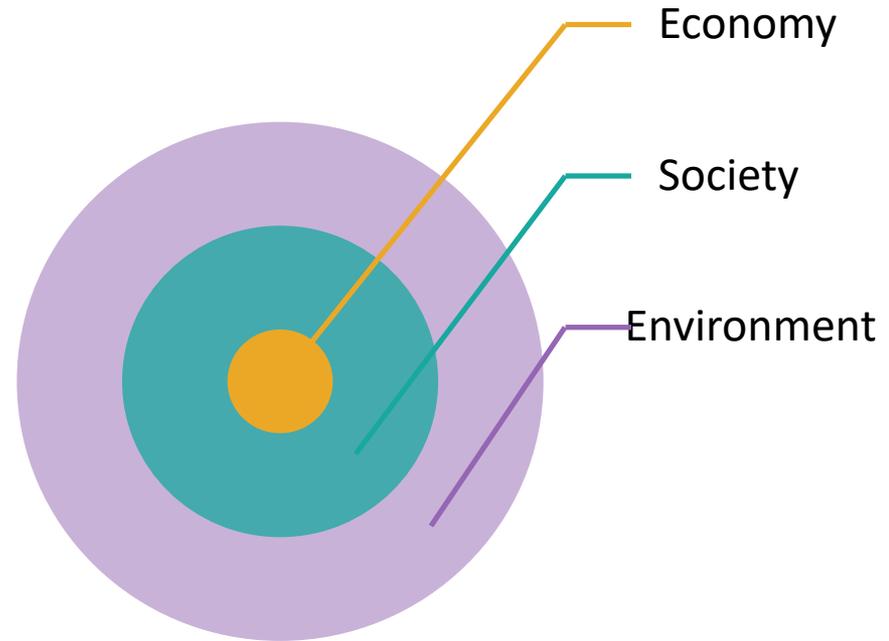
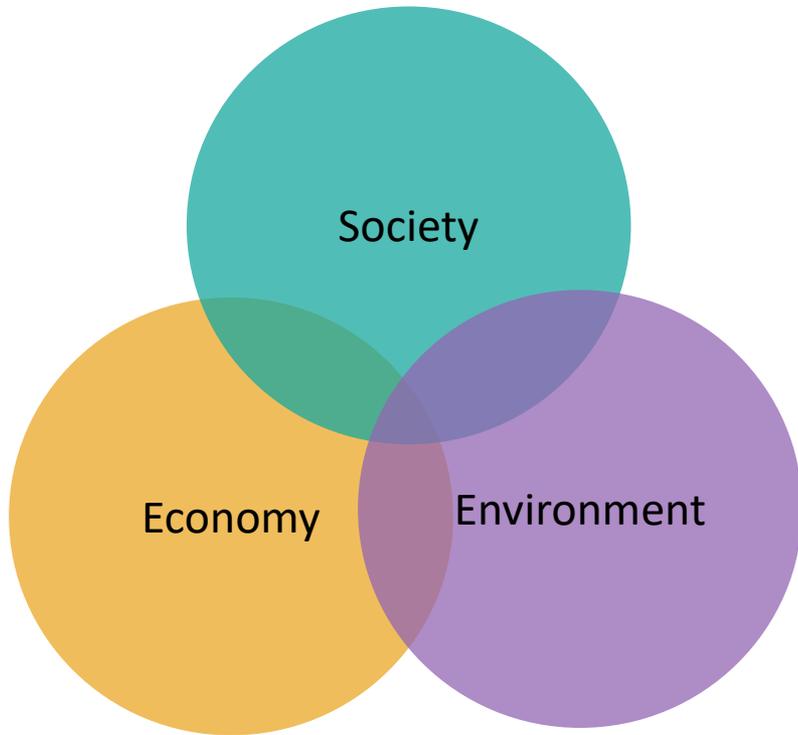
Needs – include food, water, shelter, work, happiness, and respect.

Present – people all over the world have needs that are equally important and must be met.

Future – people in the future will also have needs. How will our actions affect them?



Sustainability



United Nations Sustainable Development Goals

1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE, JUSTICE AND STRONG INSTITUTIONS

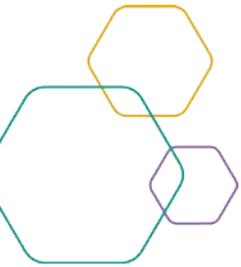


17 PARTNERSHIPS FOR THE GOALS



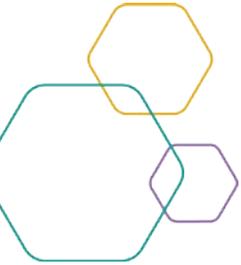
SUSTAINABLE DEVELOPMENT GOALS





Education for Sustainability

“cultivates individual and collective potential ... to increase the possibility that humans and other life can flourish on Earth now and into the future ”



Education for Sustainability

“cultivates **individual** and **collective** potential ... to increase the possibility that humans and other life can flourish on Earth now and into the **future** ”

Individual –
empowering learners

Future – making a
difference as an
organization

Collective –
connecting with
our communities

Sustainability means healthy people, communities, and environments, now and in the future.

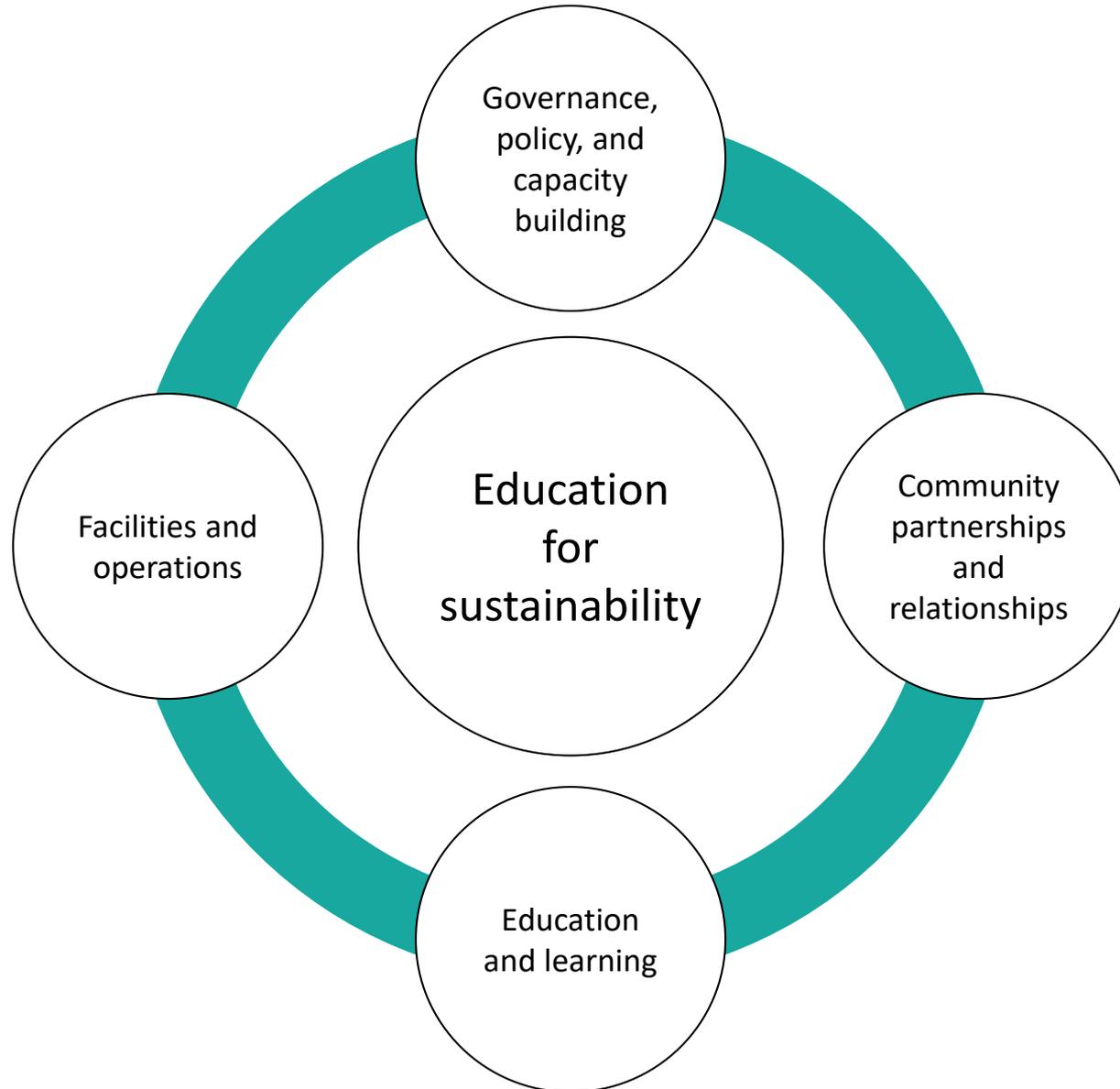
Sustainability in Museums



Sustainability initiatives can help your organization to:

- Build partnerships
- Connect existing programs
- Improve operations
- Create community and promote learning
- Contribute to a global conversation

Whole Institution Approach



Planning Sustainability Efforts

1. Sustainability vision and goals
2. Current programs and efforts
3. Limitations and challenges
4. Broadening impact



Sustainability & Museums Conversation Guide

Sustainability means healthy people, communities, and environments, now and in the future. Cultural organizations like museums and gardens can promote learning about sustainability through programs and exhibits, can build community partnerships for sustainability goals, and can lead by example by adopting sustainable practices.

USING THIS GUIDE

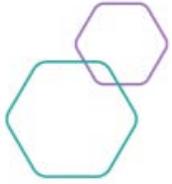
Sustainability efforts often span people and departments. Use this guide in meetings, workshops, or one-on-one conversations with others at your organization to identify existing sustainability efforts, create a sustainability vision and goal, and identify pathways to reach those goals. Encourage yourself and others to be both open-minded and critical in answering the questions below. Be sure to consider your organization's public-facing efforts as well internal efforts like changes to policies or operations.



- 1. Sustainability vision and goals**
 - a. What is our organization's goal and vision for sustainability?

Planning Sustainability Efforts

	Operations	Programs & Exhibits	Capacity Building & Policy	Community Partnerships
Well established program or practice				
Efforts that could be improved or are under development				
Ideas for future efforts				



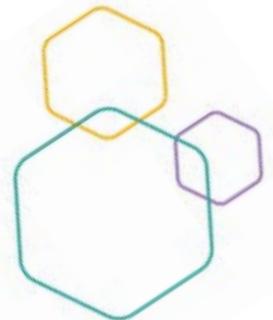
POLL

Is your organization planning Earth Day programming?

Yes

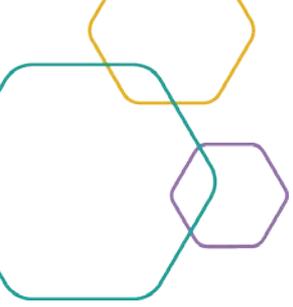
No

Not sure



Deanna Moore
Virginia Living Museum
Newport News, VA





Project Goals

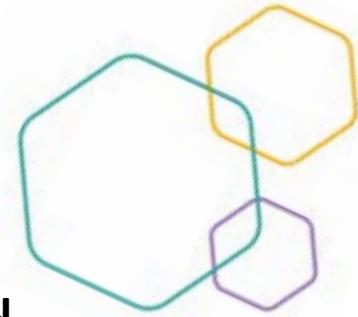
- Educate guests about creating a more sustainable future
 - Expand existing Earth Day programming
 - Highlight VLM sustainability initiatives
 - Engage students in projects combining sustainability and art/literature
 - Showcase local organizations involved in sustainable practices and programs

Project Activities

- Sustainability in arts
- Vendor fair
- Adult programming
- Sustainable pajama party
- Community outreach
- Eco-focused activities

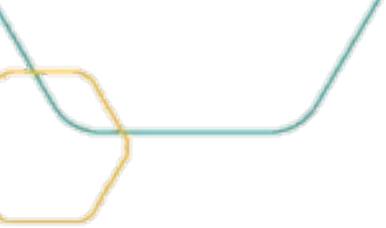


Expected Outcomes



- 5000+ guests and community members
- Cultivate new community partnerships
- Increase understanding about sustainability and sustainable futures
- Shift museum culture to fully integrate sustainability





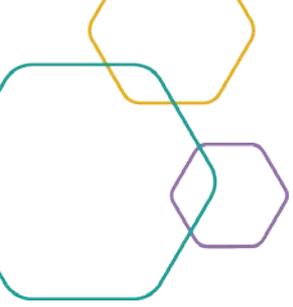
Mallory Cotter

**Mounts Botanical Garden
West Palm Beach, FL**



**MOUNTS
BOTANICAL
GARDEN**
OF PALM BEACH COUNTY





Project Goals

Integrate sustainability messaging into the Garden's interpretive programs.

Practice what we preach – bring sustainability into the design of our visitor experience.

- Reducing paper waste
- Encourage use of reusable water bottles

Project Activities

What can we do/plan now?

Build from the programming we already have!



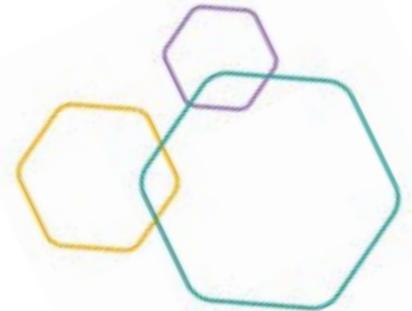


Earth Day's Birthday!

Reduced Admission

Docent programming

Youth programming



NISE Network Public Programs

Games for the Future:

- Silly Sustainability Stories
- Cards for Humanity
- Seeing Sustainability

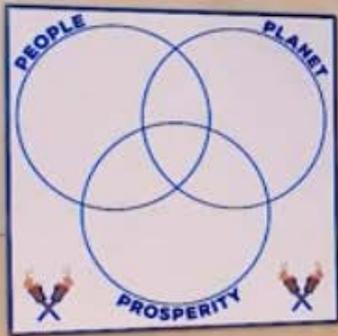


Survival: A Game Show about People, Planet, and Prosperity

<https://www.nisenet.org/sustainable-futures>



A Game Show About Our Future

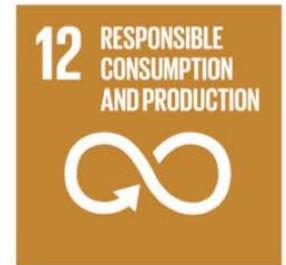
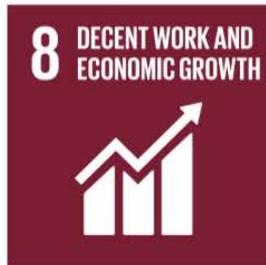


	No poverty		Reduced inequalities
	Zero hunger		Sustainable cities and communities
	Good health and well-being		Responsible consumption and production
	Quality education		Climate action
	Gender equality		Life below water
	Clean water and sanitation		Life on land
	Affordable and clean energy		Peace, justice and strong institutions
	Decent work and economic growth		Partnerships for the goals
	Industry, innovation and infrastructure		

SUSTAINABLE DEVELOPMENT GOALS



SUSTAINABLE DEVELOPMENT GOALS



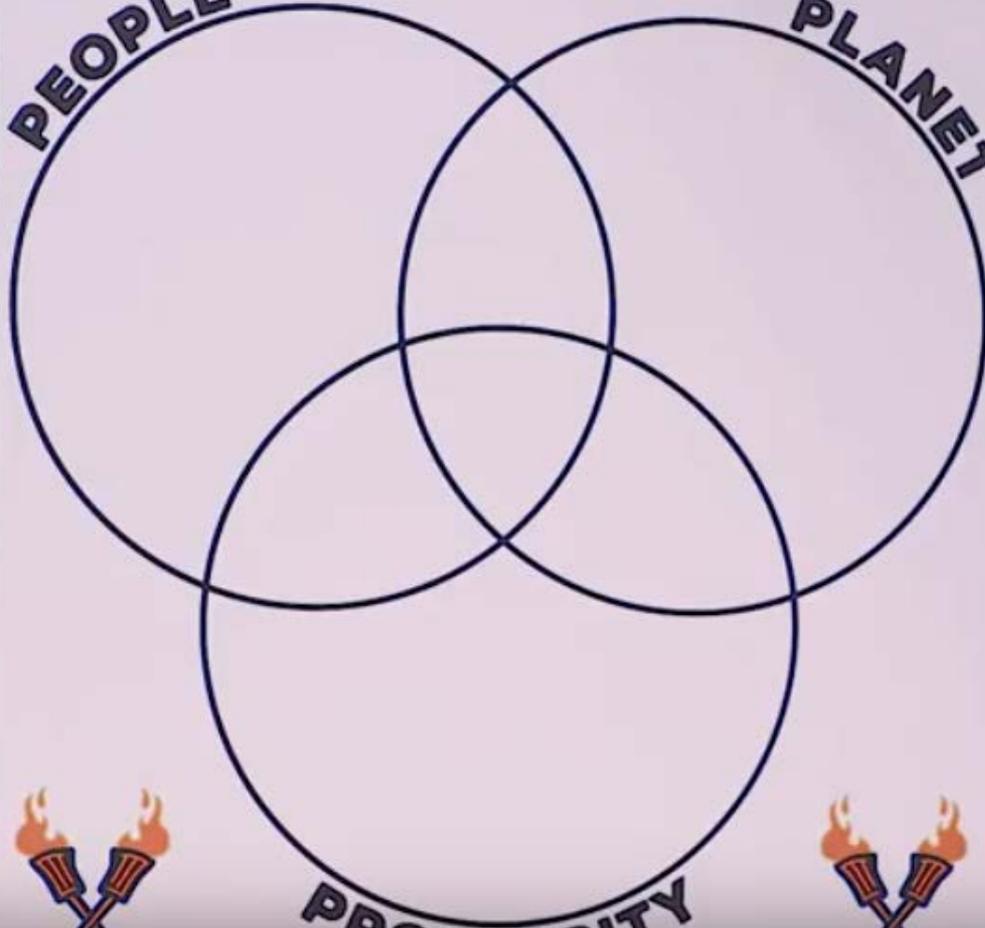


2
Pack



PEOPLE

PLANET



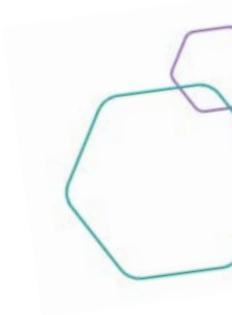
PROSPERITY



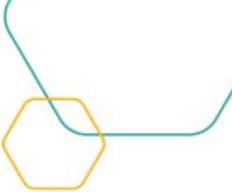


A Game Show About Our Future

*What are you planning
for Earth Day?*



Resources



NISE Network sustainability initiative: <http://www.nisenet.org/sustainability>

NISE Network sustainability public programs: <https://www.nisenet.org/sustainable-futures>

NISE Network selection of Earth Day resources: <https://www.nisenet.org/earth50>



Sustainability Workshop Series



This three-part series of online workshops is aimed at supporting Network partners in engaging their staff, visitors and communities in creating a sustainable future. Participants will also learn about new NISE Network public programming resources for use in your Earth Day 2020 offerings and beyond.

Sustainability and Museum Operations: Practices, Partnerships, and Resources to Help Your Organization Become More Sustainable

Tuesday, February 25

2-3pm Eastern / 11am-12pm Pacific

Sustainability and Museum Visitors: Exhibits, Programs, and Other Ways to Engage the Public

Tuesday, March 3

2-3pm Eastern / 11am-12pm Pacific

Sign up for the upcoming online sustainability workshops at: <https://www.nisenet.org/events>

Check out [nisenet.org/earth50](https://www.nisenet.org/earth50) for all your Earth Day resources!





The *Rob and Melani Walton Sustainability in Science and Technology Museums* initiative is supported by the Rob and Melani Walton Foundation.

