

## **PLANT DIVERSITY BUILDS RESILIENT LANDSCAPES**

WINTER SYMPOSIUM

53<sup>rd</sup> CVNLA SHORT COURSE AND PESTICIDE RECERTIFICATION

FEBRUARY 9, 10, 11, 2022

### **WEDNESDAY, FEBRUARY 9**

8:55 AM

#### **ZOOM WEBINAR OPENS**

9 AM

#### **WELCOME**

#### **INTRODUCTIONS**

**Phyllis Laslett, Adult Education Manager**

9:05 AM

#### **THE EDEN PROJECT: EVOLUTION**

**Dan Ryan, The Eden Project, Cornwall, England**

In the late 1990s The Eden Project was started in an abandoned clay mine in Cornwall, intended to create a place like nothing anyone had ever seen before; a place that explored our place in nature, a place that demonstrated what could be done if people who wanted to make a difference got together.

Today, Eden's mission is to be "a shop window" of hope for solutions to mitigating climate change, according to founder Sir Tim Smit, both at its Cornwall site and at sites around the world, including a developing site in South Carolina.

10:05 AM

#### **BREAK**

10:10 AM

#### **GARDEN ALLIES: AN INTRODUCTION TO LIFE IN THE LANDSCAPE**

**Frédérique Lavoipierre's** recent book, "Garden Allies: The Insects, Birds & Other Animals That Keep Your Garden Beautiful and Thriving", examines the powerful web of life in the soil, the action of pollinators and common garden insects that enable a thriving and beautiful diverse garden habitat. Following a brief introduction to conservation biological control and its benefits, Lavoipierre discusses life in the soil, pollinators and other flower visitors, predators and parasites, other common garden insects, spiders and other non-insect arthropods and vertebrates. A Q & A session at the end of the presentation enables you to ask your questions.

Frédérique Lavoipierre was most recently the director of education at the Santa Barbara Botanic Garden. Previously, she was the founding director of the Sustainable Landscape Professional Certificate Program at Sonoma State University, where she also established an entomology outreach program. Frédérique holds a M.Sc. in biology, with an emphasis on ecological principles of sustainable landscapes. She also founded and operated an organic nursery specializing in heirloom vegetables and culinary herbs from around the world. She currently lectures, teaches, and works as a consultant.

11:10 AM

**BREAK**

11:15 AM

**BROOKLYN BRIDGE PARK LESSONS (SO FAR!) IN CONSTRUCTED ECOLOGY**

**Rebecca McMackin, Director of Horticulture, Brooklyn Bridge Park**

Brooklyn Bridge Park, an 85-acre, organic park in the middle of New York City, was created with ecology in mind. The Park's award winning piers host top notch recreation, from opera to outdoor films, all of it beautifully designed. But the piers also contain native woodlands, freshwater wetlands, salt marshes, and numerous meadows. These areas closely mimic native ecosystems and are managed with an emphasis on wildlife habitat. McMackin details many of the strategies employed to design an ecological park, as well as the management techniques used to cultivate biodiverse parkland. If we can do it, so can you.

Rebecca McMackin is an ecologically obsessed horticulturist and garden designer. By day, she is the Director of Horticulture at Brooklyn Bridge Park, where she manages 85 acres of diverse parkland organically and with an eye towards habitat creation for birds, butterflies, and soil microorganisms. In her imaginary free time, Rebecca writes about landscape management and pollination ecology, as well as designs the occasional garden. Her writing has been published by the New York Times, the Ecological Landscape Alliance, and the Landscape Institute.

12:15 PM

**LUNCH BREAK**

1 PM

**KNOCKOUT NATIVES**

**Sam Hoadley, Mt. Cuba Center, Hokessin, DE**

Join Hoadley, the Manager of Horticultural Research at Mt. Cuba Center, as he highlights knockout native species and cultivars from our trials. Top performers and favorites of *Coreopsis*, *Baptisia*, *Monarda*, *Phlox*, *Helenium*, and *Echinacea* represent some of the best native plants for the mid-Atlantic region and beyond. Sam will discuss their horticultural and ecological performance and will share important information on standouts that will make beautiful additions to your garden.

Sam Hoadley is the Manager of Horticultural Research at Mt. Cuba Center where he evaluates native plant species, old and new cultivars, and hybrids in the Trial Garden. Sam earned his degree in Sustainable Landscape Horticulture from the University of Vermont.

2 PM

**BREAK**

2:10 PM

**WILD HYDRANGEA TRIAL RESULTS**

**Sam Hoadley**

Take a deep dive into Mt. Cuba Center's newly released *Hydrangea arborescens* evaluation results! After a five year trial, learn which Hydrangea received top marks from garden

perspective and which species and cultivars tallied the most pollinator visits. Included will be tips for successful cultivation and care of wild hydrangea in your home landscape.

3:15 PM

**ADJOURN**

**Master Gardeners, Master Naturalists may self-report hours**

**Chesapeake Bay Landscape Professional Units and ISA CEUS: pending**

**Continuing Education hours may be self-reported for: CVNLA, VNLA, Virginia Certified Horticulturist and Virginia Society of Landscape Designers**