



Workshop 7: Design Standards for Natural & Nature-Based Solutions, Part 2

Continuing Education Credits: Course Information

Workshop Series:

Nature-Based Exchange

Date of Workshop & Duration:

May 17, 2023 | 9:00 am - 12:00 pm (3 hours)

Course Title:

Design Standards for Natural & Nature-Based Solutions, Part 2

Location:

Clemson Design Center | Charleston, SC

Sponsoring Organization:**Number of Professional Development****Hours (PDH) Earned:**

2.5 hours

Planners, PE's & Flood Plain Managers: ACE Basin NERR Coastal Training Program/SCDNR
Landscape Architects: South Carolina Chapter of the American Society of Landscape Architects

Course Description:

The seventh Nature-Based Exchange workshop will be the second of a two-part mini-series on design standards. Similar to the first design standards workshop (held in March 2023), this workshop will further explore the roles of practitioners and academia within the realm of natural and nature-based solutions. Three questions will guide the first half of the workshop: What are we teaching? What are we doing? And how are we doing it? Through this framework, participants will gain a deeper understanding of (1) what higher education is teaching today's students, (2) what knowledge practitioners are applying in the field, the outcomes of that application, and where the challenges and opportunities lie for improvement, and (3) how we are overcoming those challenges to produce projects that have a lasting positive impact on both natural and social systems. To conclude the workshop, our featured speaker, Dr. Todd Bridges, will discuss his own experiences, observations, and knowledge on the state of nature-based solutions by addressing the "big picture" questions that revolve around nature-based design (such as scale, barriers, specifications, and best practices). Through personal stories and real examples, the speakers in this last workshop will be sure to educate, inspire, and motivate us to action.

Learning Outcomes:

1. Participants will learn about the current state of NNBS from practitioners and academia currently working in the field.
2. Participants will be able to reference specific examples of nature-based projects that are installed and functioning as well as proposed projects that will soon be installed in the southeast. Participants can apply best practices from these projects to future projects.
3. Participants will be able to discuss existing challenges and opportunities for nature-based solutions related to permitting/regulating, construction, design, and monitoring.
4. Participants will gain a greater understanding of what students are being taught in the classroom and how that impacts the future of this kind of work.

Speakers

- B.D. Wortham-Galvin, PhD, Master of Resilient Urban Design, Clemson University
- Erin Stevens, RLA, LEED AP, Surculus
- Marc Horstman, PE, PH, D.WRE, WK Dickson & Co., Inc.
- Todd Bridges, PhD, College of Engineering, University of Georgia