

HalfMoon Education Live Continuing Education Webinars

Design, Ecology and Maintenance of Ponds

Online - Thursday, July 20, 2023 | 8:30 am - 3:30 pm CDT

Credits: Engineers: 6.0 PDHs

AIA: 6.0 HSW LUs

Architects: 6.0 HSW CE Hours

LA CES: 6.0 HSW PDHs

Landscape Architects: 6.0 HSW PDHs

Certified Planners: CM I 6

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AIA
Continuing
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Provider



Pond Ecology 101

Unique attributes of ponds

Overview of typical water quality impairments affecting ponds, eutrophication, water quality goals for healthy pond

The Basics of Pond Construction

Siting, design/construction, water sources, maintaining water level

Common Aquatic Weed and Problems Including Cyanobacteria Harmful Algae Blooms (HABs)

Identification and review of common invasive aquatic weed and algae species and the special water quality and use impairments caused by cyanobacteria harmful algae blooms

Weed and Algae Control Techniques

Types, selection and application of aquatic pesticides and non-pesticidal options commonly used to control nuisance algae and invasive aquatic weeds in ponds

Shoreline Plantings – Aquascaping Options for Ponds

Selection and installation of plants to stabilize shoreline, create habitat, and increase the aesthetics and ecological properties of a pond

Pond Aeration

Fountains, circulators, diffusers and pure oxygen Systems used to mix the water column and maintain proper dissolved oxygen levels

Presented by

Stephen J. Souza, Ph.D *Owner at Clean Waters Consulting, LLC*

Dr. Souza has over 35 years of professional expertise in the management and restoration of water resources. This includes the design and application of a wide array of green infrastructure stormwater management techniques. Dr. Souza received his B.S. degree from the University of Massachusetts-Dartmouth (1974), his M.S. degree from Rutgers University (1976), and his Ph.D. degree from the University of Connecticut (1981). He is the founding partner of Princeton Hydro, serving as the company's president until his retirement in 2018. Dr. Souza is an instructor and course coordinator for the Rutgers NJAES Office of Continuing Professional Education as well as for Continuing Professional Education Services, LLC. He is also an adjunct professor at Temple University (Department of Landscape and Horticulture – Tyler School of Art and Agriculture).

Tuition

\$319 for individual registration

\$289 for two or more registrants from the same company at the same time.

Included with your registration: *PDF seminar manual.*

Can't Attend? Order the Webinar as an On-Demand Package!

Recordings of this webinar are available for purchase. See details online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Credit Information

This webinar is open to the public and is designed to qualify for 6.0 PDHs for professional engineers, 6.0 HSW continuing education hours for licensed architects, and 6.0 HSW continuing education hours for landscape architects in most states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24CP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The Landscape Architecture Continuing Education System has approved this course for 6.0 HSW PDHs. Only full participation is reportable to the LA CES.

HalfMoon Education is an approved CM Provider with the American Planning Association. This course is registered for CM | 6 for Certified Planners.

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits

The preceding credit information only applies to the live presentation. This course in an on-demand format may not be eligible for the same credits as the live presentation; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:

6.0 HSW LUs (AIA)

6.0 HSW PDHs (LA CES)

Learn More and Register:

www.halfmoonseminars.org

Customer Service (715) 835-5900 Ext. 1

or scan here

