**HalfMoon Education Live Continuing Education Seminars** 

# Ohio Septic System Short Course

Columbus, OH - Friday, September 30, 2022 | 8:30 am - 4:15 pm EDT

# Credits:

Professional Engineers: 6.0 CPD Hours

Architects: 6.0 HSW CE Hours AIA: 6.0 LU|HSW Sewage Treatment System Contractor: 6.0 CE Hours

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AIA Continuing Education Provider

# Seminar Agenda | Friday, September 30, 2022 | 8:30 am - 4:15 pm EDT (including a 75-min. break)

# Septic Systems

Onsite treatment to eliminate discharge

• Environmental Protection Agency and Ohio perspectives Basic septic system components and how it works

# **Onsite Wastewater Treatment Systems**

System design Siting

Construction

# **Alternative Treatment Technologies**

Mound systems

Sand bioreactor systems (aka sand filter systems)

## System Management

System inspections
Troubleshooting

Regular maintenance

### **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.

# Live Seminar Location: Hyatt Place Columbus/OSU 795 Yard Street, Columbus, OH 43212

(614) 280-1234

### Online Webinar Information:

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar.

For system requirements, please visit the FAQ section of our website, or visit www.gotowebinar.com.

# Presented by

**Dr. Karen Mancl** Professor of Food, Agricultural and Biological Engineering and Water Quality Specialist at The Ohio State University

Dr. Mancl has published over 50 journal articles and 80 Extension publications on rural infrastructure and outreach initiatives. She is a nationally known expert in onsite wastewater treatment, having conducted research, written and taught the subject over 30 years.

Dr. Mancl is the past-president and now vice-president of the Ohio Onsite Wastewater Association. In 2013, Dr. Mancl constructed a teaching facility at a slaughterhouse in southwestern Ohio to teach low-cost, low-energy treatment of food processing wastewater. At this outdoor teaching and research facility, Dr. Mancl teaches designers, installers and regulators the science and technology of sand bioreactor wastewater treatment systems.

She is originally from Wisconsin where she received her bachelor's degree in Environmental Science from the University of Wisconsin. Dr. Mancl has a master's degree in Environmental Science from the University of Texas, and received her PhD degree in Water Resources from Iowa State University.

In 2010, she received a second MA Degree in East Asian Studies and conducts research and teaches wastewater treatment in rural China. In 2019, she received her third MA Degree in Public Policy and conducts research at the Woodrow Wilson Center – China Environment Forum on environmental policy in rural China.

Learn More and Register: www.halfmoonseminars.org
Customer Service (715) 835-5900 Ext. 1



# **Credit Information**

This seminar is open to the public and is designed to offer 6.0 CPD hours to professional engineers and 6.0 HSW continuing education hours to licensed architects in Ohio.

Ohio's State Board of Registration for Professional Engineers and Surveyors does not pre-approve continuing education providers or activities. However, this course is designed to comply with Ohio's continuing professional development laws.

Professionals seeking continuing education credits in other states will be able to claim the hours earned from this seminar, in most cases. 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. 24GP00000700) 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 seminar for 6.0 LUIHSWs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The Ohio Department of Health has approved this course for 6.0 CE hours for sewage treatment system contractors, including installers, septage haulers, and service providers.

Completion certificates will be awarded to participants who complete this event and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

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

Recordings of this webinar are available for purchase. See registration panel 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.

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