



12:00 PM [Welcome, Credits, and Certificates](#)

12:05 PM **Designing Water Resilient Buildings**

As water scarcity, infrastructure strain, and conservation mandates intensify, architects and design teams are being asked to rethink how buildings source, use, and reuse water. This continuing-education course explores onsite water-recycling strategies that reuse water for non-potable use and greatly reduce potable-water demand.

Participants will gain a practical understanding of onsite wastewater reuse systems (OWRS), including graywater and blackwater treatment approaches. The course examines system components, treatment processes, and spatial planning considerations, with a focus on early design coordination and real-world constructability.

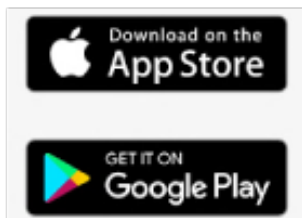
Through case studies and code-informed design guidance, attendees will learn how onsite water-recycling systems can support LEED v5 goals, reduce operational costs, and contribute to water-positive buildings. The course also addresses regulatory considerations, incentives, permitting, and public-health safeguards.

By the end of the program, participants will be equipped to evaluate when onsite water-recycling solutions are appropriate, how they impact building design, and how to specify systems that maximize wastewater reuse while minimizing reliance on fresh water supplies.

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01:05 PM [Review of Session Code Process](#)

01:10 PM [End](#)



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