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Stormwater Recharge in Densely Developed Urban Areas

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Wednesday, June 8, 2022

Zoom Webinar
12:00 PM - 1:00 PM

This presentation explores the challenges related to implementing recharge solutions in densely developed urban areas. Recharge of stormwater runoff is a low-impact development strategy that aims to mitigate the effect of development by returning a portion of the runoff from impervious surfaces to the local groundwater. In densely developed urban environments, implementing a recharge solution can be challenging. Often these projects are laden with several constraints, technical challenges, and significant risks associated with the recharge system. The highly constrained sites often contain urban fill with limited permeability, and it is difficult or infeasible to provide adequate storage for retention and infiltration. What is available for the site area often includes existing underground utilities, for which information is sparse, uncertain, and otherwise expensive to obtain with exploratory work. Several other factors, such as the proximity to existing structures and the effects of seepage on existing structural and waterproofing systems affect the available solutions and inherently involve significant risks. These considerations and methods for implementing recharge systems in densely developed urban environments will be discussed.

Registration Deadline: Monday, June 6, 2022

\$45 Members, \$55 Non-Members
\$40 Public Sector Members, \$45 Public Sector Non-Members
\$15 Senior Members (65+) & Students

Information/Registration:

Register to attend this meeting and pay by credit card [here](#). To register online for an event at the BSCES member rate you must login using your BSCES assigned username and password. If you do not know your BSCES member login information call 617/227-5551. You can also register for this event by mail or email. To do so, download and complete a [BSCES Event Registration Form](#) and follow the submission instructions. Cancellations received after Monday, June 6, 2022 and no-shows will be billed.



This presentation provides 1 Professional Development Hours (PDH)

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