

NJSPE CONTINUING EDUCATION WEBINAR

Offering 2 PDH credits for NJ Professional Engineers and PE's in other states that accept NJSPE accredited programs.



FRIDAY, DECEMBER 4, 2020!
10AM - 12 NOON

- NJSPE Member Rate - \$49
- Non-Member Rate - \$99

REGISTRATION IS ONLINE:
REGISTER HERE

Review the Program and Schedule, below.

Questions: jlombardi@njpsi.com;
609-393-0099

REGISTRATION INCLUDES:

Zoom Webinar with moderator. Participants will be sent the webinar link several days before so they can log on and be sure they are compatible

NSPE members from States other than NJ may take the member rate. Membership will be verified.

NOTE: Contributions and payments to 501(c)(6) organizations are not deductible as charitable contributions on federal income tax returns although they may be deductible as trade or business expenses. Substitutions are permitted if you are unable to attend. Registrant must email to: jlombardi@njpsi.com 48 hours prior to the event with the name, address, phone and email of the person taking your place.

NJSPE will accept cancellations with refund up to one week prior to the date of the program. A cancellation fee of \$25 will apply. Refunds cannot be issued after that time but registration substitutions are permitted

Course Title: NJ Green Infrastructure Stormwater Rules

Accreditation: 2.0 PDH credits NJ

Presentation to the New Jersey Society of Professional Engineers

This course will review the recently adopted NJ Stormwater Management Rules that will become effective on March 2, 2021. The discussion will focus on the design paradigm shift necessary to successfully and efficiently implement green infrastructure including design team approaches to effectively utilize green infrastructure in stormwater management. The concept of decentralization and utilizing the required tiers of BMPs to accomplish stormwater management in a treatment train will be explained, including examples. The benefits of using green infrastructure from both a stormwater management and development standpoint will be explained. Guidance will be provided on how to "count" infiltration in the design, focusing on the advantages and potential pitfalls. The need for and approach to groundwater mounding analysis that must be performed when counting infiltration will be reviewed. Similarly, the necessary geotechnical exploration to support the successful implementation of green infrastructure with regard to permeability testing and groundwater mounding modeling criteria will be reviewed. Tips to maximize the benefit of green infrastructure, such as how to leverage decentralization of stormwater mitigation, the benefits of involving multiple professions in the consideration of project stormwater management from the concept stage as opposed to an afterthought, and how to reduce the land area required for end of pipe BMPs, potentially increasing the project yield by both utilizing all of the "left over" areas on the site and fully counting all of the decentralized green infrastructure will also be provided. A guided, interactive discussion on approaches to utilizing green infrastructure in "challenging" applications will be included.

Speaker Bio: Jeromie P. Lange, PE, PP, CME, CFM; Active Acquisitions and Maser Consulting, Inc.

Jeromie P. Lange is the Director of Development for Active Acquisitions and a consultant for Maser Consulting, Inc., a leading consulting engineering firm serving multiple geographic regions of the United States. He has over 26 years of diversified experience in stormwater and floodplain management. This experience includes watershed modeling, storm-water management design and floodplain management in connection with land development and on behalf of various government entities. Mr. Lange is an active member of the New Jersey Builders Association Environmental Affairs Committee, NJBA / NJ Future Developers' Green Infrastructure Task Force, American Society of Civil Engineers, National Society of Professional Engineers, New Jersey Society of Professional Engineers, and Ocean County Society of Professional Engineers. He is a graduate of Rutgers University and is a Licensed Professional Engineer and Professional Planner in the State of New Jersey. He is also a Certified Municipal Engineer, Certified Floodplain Manager, and has been designated as an Engineering Expert Witness by the American Council of Engineering Companies.

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