

NJSPE CONTINUING EDUCATION WEBINAR

Offering 3 PDH credits for NJ Professional Engineers and PE's in other states that accept NJSPE accredited programs.



FRIDAY, February 19, 2021
9AM – 12:30 PM

- NJSPE Member Rate - \$69
- Non-Member Rate - \$138

REGISTRATION IS ONLINE:
REGISTER HERE

Review the Program and Schedule, below.

Questions: lslomka@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.

NSPE 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

10:00 – 10:00 am

Course Title: Digital Signatures & Seals – Know how to comply with the soon-to-be adopted rules of NJDEP on electronic submission of applications for Watershed and Land Management permits.

Accreditation: 1.0 PDH credits NJ

Presentation to the New Jersey Society of Professional Engineers

Participants will learn the difference between electronic and digital signatures. When digital signatures are appropriate and when they are not. What rules govern the use of digital signatures and options in implementing a digital signature environment.

Speaker Bio: James J. Purcell, PE, PMP

Jim Purcell has over 40 years of engineering experience in civil engineering design. After 35 years in the consulting community, Jim is currently the Land Use Engineer for the Municipality of Princeton. Jim has also served The College of New Jersey as an Adjunct Professor. Jim serves on the New Jersey State Board of Professional Engineers and Land Surveyors, having been appointed in 2005, holding the position of Board President twice. He held the position of President of the National Council of Examiners for Engineering and Surveying in 2018-2019.

11:00 – 11:15 am

Course Title: Green Infrastructure (GI): Types, Benefits and Implementation Strategies

Accreditation: 1.0 PDH credits NJ

Presentation to the New Jersey Society of Professional Engineers

As more and more communities directly experience the negative impacts of climate change and frequent storms; engineers and municipalities are under increasing pressure to embrace greener and sustainable infrastructure for stormwater management. Green infrastructure refers to a set of integrated strategies to meet stormwater management goals in cost-effective ways as well as achieving multiple benefits by managing runoff through vegetation, soils, and/or reuse.

Very recently NJDEP has adopted Amendments to its Stormwater management Rules that requires the use of Green Infrastructure with full effect starting March 2, 2021 to meet the three performance criteria for stormwater quantity, water quality and groundwater recharge. During the current pandemic, it is crucial that engineers; municipalities and utilities, plan and budget their GI projects to stay on track. While there are different scales of green infrastructure, such as large swaths of land set aside for preservation, this webinar focuses on a brief overview of green stormwater infrastructure practices within the urban context.

The webinar includes potential environmental benefits, types and functions, implementation strategies, overcoming common installation barriers, and understanding the planning processes required to develop a comprehensive design and avoiding common mistakes during construction of green infrastructure.

Speaker Bio: Tejal A. Patel, PE, CME, LEED AP

Tejal Patel – PE, CME, LEED-AP – is Group Manager at T&M Associates, a leading national consulting, environmental, engineering, technical services, and construction management company. She has over eighteen years of extensive public and private experience in management and design of transportation planning and infrastructure, traffic engineering, single- and multi-family development, and private site development.

1:30 – 12:30 pm

Course Title: Permeable Pavers – A Green Alternative

Accreditation: 1.0 PDH credits NJ

Presentation to the New Jersey Society of Professional Engineers

This seminar will analyze the goals and criteria for using a permeable pavement system. We will examine design different solutions for challenging site constraint and compare permeable concrete pavers to other traditional storm systems. You will learn how to utilize ASTM standard C936 for evaluating permeable pavers and learn efficient installation procedures for permeable pavers. This seminar will examine LEED criteria for achieving potential credits for using concrete pavers, such as stormwater quality and quantity controls, solar reflectivity and recycled materials.

Speaker Bio: Eugene Fernandez, Commercial Territory Manager, Unilock New York, Inc.

Eugene Fernandez of Unilock will be the presenter. After attending Rutgers University with a background in landscape architecture, Eugene spent 15 years in California working on commercial, campus, and residential design projects. Currently, he is the commercial manager for New Jersey, New York and Philadelphia.

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