

**SEPTEMBER 18 & 19**  
**HOLIDAY INN SOMERSET, NJ**

**OFFERING UP TO 12 PDH CREDITS FOR LICENSED  
PROFESSIONAL ENGINEERS IN NJ, NY & PA**



BROUGHT TO YOU BY THE

**New Jersey Society of  
Professional Engineers**

*A state society of the National Society of Professional Engineers*

## **REGISTRATION DEADLINE:**

**SEPTEMBER 6, 2014**

Register early to avoid being closed out.  
Registration is **ONLINE ONLY!**

**CLICK HERE TO REGISTER**

## **REGISTRATION FEE INCLUDES:**

**Full Day Registrants:** Continental breakfast, lunch & seminars. (6 PDH's)

**Morning Session Registrants:** Continental breakfast & the morning seminar (3 PDH's)

**Afternoon Session Registrants:** Lunch & the afternoon Seminars (3 PDH's)

## **MEMBER RATE:**

(NJSPE member or NJIT Alumni)

**Full Day:** \$250

**Morning Session:** \$120

**Afternoon Session:** \$120

## **NON-MEMBER RATE:**

**Full Day:** \$290

**Morning Session:** \$150

**Afternoon Session:** \$150

## **WANT THE DISCOUNTED MEMBER RATE FOR THIS SEMINAR?**

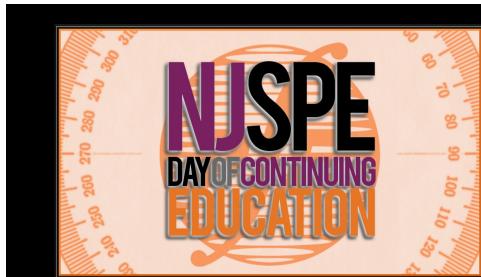
Join NJSPE today & take the member rate. Call NJSPE at (609) 393-0099 X1109 for additional details. Ask to speak to the Membership Director, Kelly Biddle.

## **REFUNDS:**

If you cannot attend the seminar, you are asked to please contact NJSPE by telephone at 609-393-0099 or by email at [info@njspe.org](mailto:info@njspe.org). You are permitted to cancel your registration for the seminar until September 6, 2014. Should you cancel your registration, you will be charged a \$25 administrative fee that will be subtracted from the refund amount. Refunds will not be given after the stipulated deadline and requests for refunds MUST be received in writing. You may send in your refund request by fax to (609) 393-9891. Refunds for non-attendance will not be given; although registration substitutions are allowed.

## **SUBSTITUTIONS:**

Requests for substitutions should be sent in writing via fax to (609) 393-9891. Substitutions will NOT be permitted after September 6, 2014. Fees are not deductible.



**NJSPE**  
**DAY OF CONTINUING EDUCATION**

**TO REGISTER, GO TO:**

<http://conexsys.mypreg.com//Events/NJSPE13>

### **WE THANK NJSPE SUSTAINING FIRM MEMBERS:**

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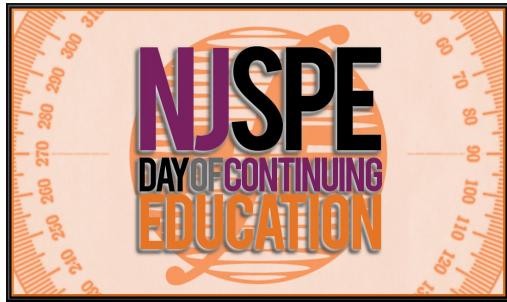
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## EVENT ITINERARY



**WEDNESDAY, SEPT. 18TH**

**8—9 AM Registration & Continental Breakfast**

**Title of Session:** Recent advances in Coastal Zone Management and Flood Hazard Regulations

**Accreditation:** 1 PDH credit (NJ approved)

**Time:** 9—10 AM

**Description:** Recent advances in Coastal Zone Management and Flood Hazard Regulations in New Jersey. This will include discussions of CAFRA, Waterfront Development and Flood Hazard rules, with a particular emphasis on post-Sandy considerations. In addition, the new Public Access rules will be presented.

**Speaker:** Marilyn Lennon, PP AICP is the Assistant Commissioner for Land Use Management at the New Jersey Department of Environmental Protection. In this capacity, she is responsible for Land Use Regulation, including CAFRA, Waterfront Development, Wetlands and Flood Hazard Area permitting. She also oversees all Coastal Zone Management planning; Water Quality Management and associated Sewer Service Areas; Highlands Preservation Area Regulations and the Tidelands Management Program. She is actively involved in the recovery and rebuilding efforts of the New Jersey coastal communities in the wake of Sandy. Previously, Marilyn served for two terms as a Commissioner of the New Jersey State Planning Commission. Prior positions included Director of

Strategic Planning and Policy for the New Jersey Turnpike Authority; Vice President of Environmental Engineering and Operations for KeySpan Corporation; and Senior Vice President with the engineering firm of Paulus Sokolowski and Sartor (PS&S).

**Title of Session:** Professional Engineering Ethics 101

**Accreditation:** 2 PDH credits (NY, NY & PA approved)

**Time:** 10—12 Noon

**Description:** The learning objective is to expose the seminar participants to various engineering related professional and statutory codes of ethics in order to inculcate ethics awareness and an understanding of ethical standards common to all jurisdictions, including those of the participants, so that the participants understand the boundaries of ethical engineering behavior.

**Part I-** This will be an introduction to common statutory and regulatory ethics rules, wherein the participants will be taught why they exist, how they govern their practice and what the practical implications of unethical behavior can be. Participants will be given examples of common ethics rules and some illustrative case studies to consider, followed by instruction on how violations of such ethics rules are commonly dealt with by the administrative agencies which have jurisdiction over their practice locales.

**Part II-** This will be an introduction to the National Society of Professional Engineers (NSPE) Code of Ethics, wherein the participants will be taught why they exist, how they were developed, how professional codes of ethics can affect their practice and what the practical implications of unethical behavior can be to members of professional engineering societies. Participants will be given examples of common ethics rules and some illustrative case studies to consider, followed by instruction on how violations of such ethics rules are commonly dealt with by NSPE and state engineering societies which have jurisdiction over their practice locales, with a particular emphasis on the similarities and differences between governmental and professional society

sanctions.

**Part III-** This will be a discussion of the practical reasons for ethical practice, with examples of how unethical practice can present professional liability and legal issues, licensure issues and moral issues based upon case studies where unethical practice has resulted in the impairment of the public health, safety and welfare. Participants will be challenged with using their new knowledge to suggest resolutions for hypothetical ethics problems posed by the instructor.

**Speaker:** Lawrence P. Powers is co-chair of the Construction Litigation Department. Larry's practice is focused on handling complex, multi-party construction related professional liability claims. He has tried numerous complex construction cases to a jury verdict. Admitted in 1984, he has over 25 years of experience in litigating, arbitrating and mediating construction disputes, regularly handling difficult loss prevention and risk management assignments for all of the major professional liability insurers. Larry serves as general counsel to AIA-New Jersey, the New Jersey Society of Professional Engineers and ASLA-New Jersey. He regularly represents design professionals in disciplinary matters before the New Jersey State Board of Architects and Landscape Architects and the New Jersey State Board of Engineers and Land Surveyors. Mr. Powers has achieved a peer review rating of "AV", the highest mark given by other members of the legal profession. He is admitted to practice in the state and federal courts of New Jersey. He was named "Lawyer of the Year 2012" in the Construction Litigation category by Best Lawyers® for the Woodbridge, NJ Metropolitan area. A 1980 graduate of Villanova University, Larry was employed in the general and mechanical contracting construction industries and the heavy and specialized transportation industry before receiving his law degree as a night student from the Seton Hall University School of Law. He has been an invited lecturer on professional liability and land development issues at the Princeton University Graduate School of Architecture, the Pratt Institute School of Architecture and is a regular featured speaker at the Annual Conventions of AIA-New Jersey, ASLA-

New Jersey, the New Jersey Society of Professional Engineers and the New Jersey Builders Association. His lectures have been certified as continuing education courses by the New Jersey State Boards of Architects and Landscape Architects and Engineers and Land Surveyors. Affiliations: Counsel, AIA-New Jersey, the New Jersey Society of Professional Engineers and ASLA-New Jersey; former counsel, Garwood Planning Board and Hopewell Borough Planning Board.

**12 Noon – Certificates of Completion will be distributed to morning registrants.**

*You must be present (at the conclusion of the event) in order to receive course documentation. Certificates of completion will not be e-mailed or mailed out.*

**12 Noon—1 PM Buffet Lunch**

**Title of Session: Port Authority of New York & New Jersey's Capital Program**

**Accreditation:** 1 PDH credit (NY, NY & PA approved)

**Time:** 1 — 2 PM

**Description:** The Port Authority of New York and New Jersey oversees five (5) airports; four (4) bridges; (2) tunnels, three (3) bus and transportation terminals, the PATH trans-Hudson subway system, as well as multiple cargo terminals and ports in both NY and in NJ and public projects, including the rebuilding of the World Trade Center. The Capital Plan reflects the current assessment of the potential need for capital expenditures for the modernization, renovation, rehabilitation, expansion or acquisition of existing and additional facilities in order to continue to maintain appropriate levels of service. Key projects within the Capital Plan will be highlighted.

**Speaker:** Wallace Caban oversees the Construction Management Division for the Port Authority of NY & NJ Engineering Department. The Construction Management Division of approximately 500 employees is comprised of both permanent and consultant staff who are responsible for overseeing the rehabilitation and construction of facility improvements and state of good repair projects by outside contractors and vendors who have contracted work both with the Port Authority and its tenants. The area of responsibility

covers approximately 1,500 square miles surrounding the New York Harbor. Staffs are located at facilities which include five (5) airports (John F. Kennedy, LaGuardia, Newark, Teterboro and Stewart airports); four (4) bridges (George Washington, Goethals, Bayonne, and Outer bridges); two (2) tunnels (Lincoln and Holland); three (3) bus and transportation terminals; the PATH trans-Hudson subway system, as well as multiple cargo terminals and ports in both NY and in NJ. The PANYNJ also has other public projects with the first and foremost being discussed on a daily basis is the rebuilding of the World Trade Center. Before beginning his Port Authority career, Wally has worked for American Electric Power, Public Service Electric and Gas Co., Gibbs & Hill and the New Power Authority overseeing the construction of power generating facilities and related work. During his 27-plus year Port Authority career, Wally has held increasingly responsible positions within the Engineering Department - Construction Management Division at both John F. Kennedy International Airport and LaGuardia Airport. He previously held the title of Engineer of Construction, LaGuardia/Stewart International Airport before selected for his new position. His most recent accomplishment was the onsite coordination of activities required for the successful restoration of the PATH Rail System service from Newark NJ to New York City NY after Hurricane Sandy, which impacted the entire system. Wally holds a Bachelor of Science Degree from the Newark College of Engineering and is a licensed Professional Engineer in the State of New York.

**Title of Session:** Rehabilitation & Reline Bridge Innovations Technical Presentation

**Accreditation:** 2 PDH credits (NY, NY & PA approved)

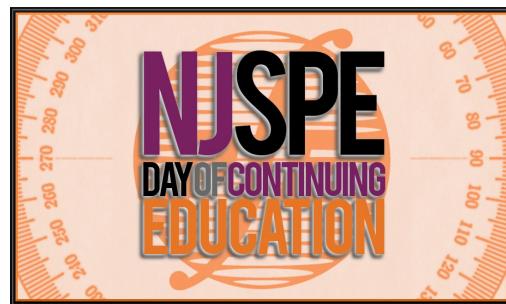
**Time:** 2 — 4 PM

**Description:** 1. What If? – Advantages of Reline; 2. Real World Savings; 3. Products Available in our Industry; 4. Design Considerations; 5. Projects of Interest; 6. Summary & Overview Bridge Portfolio; 7. Innovative Bridge Developments; 8. Engineering Support & Design Tools; 9. Contech's Consultative Approach

**Speaker:** Gerard Scheider is the Contech Engineered Solutions Bridge Consultant and Sales Engineer for southern New Jersey, Delaware and the eastern shores of Maryland. He earned a Bachelor of Science degree in Mechanical Engineering from the Illinois Institute of Technology and a Master of Science in Management from the New Jersey Institute of Technology. Jerry has over 20 years of experience and knowledge with product development and project management, with the last 10 years spent in the Civil/Site/Transportation industry. He is a member of the ASME.

**4 PM — Certificates of Completion will be distributed to full-day attendees.**

*You must be present (at the conclusion of the event) in order to receive course documentation. Certificates of completion will not be e-mailed or mailed out.*



**THURSDAY, SEPT. 19TH**

**8 – 9 AM Registration & Continental Breakfast**

**Title of Session:** Advances in Storm Water Management (seminar co-sponsored by NJIT)

**Accreditation:**

3 PDH credits  
(NY, NY & PA  
approved)



**Time:** 9 AM – 12 Noon

**Description:** The course begins with a review of the pertinent design Hydraulics and Hydrology associated with storm water management. Next discussed are current NJDEP storm water regulations contained in the NJDEP BMP manual. Several case studies will be presented from sites state previously analyzed by the instructor. Design software will be utilized in the

class with all analyses tied into actual project site plans.

**Speaker:** Thomas Olenik, P.E., Ph.D., NJIT Professor, Civil and Environmental Engineering

**12 Noon — Certificates of Completion will be distributed to morning registrants.**

*You must be present (at the conclusion of the event) in order to receive course documentation. Certificates of completion will not be e-mailed or mailed out.*

**12 Noon – 1 PM: Buffett Lunch**

**Title of Session:** National Recovery Framework and the Recovery Planning Process

**Accreditation:** 3 PDH credits (NY, NY & PA approved)

**Time:** 1 — 4 PM

**Description:** The mission of the Federal Emergency Management Agency's (FEMA) Public Assistance (PA) Grant Program is to provide assistance to State, Tribal and local governments, and certain types of Private Nonprofit organizations so that communities can quickly respond to and recover from major disasters or emergencies declared by the President.

Understanding the rules and policies for this program and other disaster programs is the most important part of being able to receive funding but really the most important issue is learning how to maximize your funding and keep it.

Through the PA Program, FEMA provides supplemental Federal disaster grant assistance for debris removal, emergency protective measures, and the repair, replacement, or restoration of disaster-damaged, publicly owned facilities and the facilities of certain Private Non-Profit (PNP) organizations. The PA Program also encourages protection of these damaged facilities from future events by providing assistance for hazard mitigation measures during the recovery process.

This workshop will give the basics of the PA and hazard mitigation programs as they relate to project development, eligibility, insurance, contracting, financial management and audits of your grants or your clients grants. We will also talk about the National Disaster Recovery Framework and how the federal, state and locals should work together for the complete recovery

of our communities follow any type of disaster.

**Speaker:** Teresa Carter is the Technical Director for The Louis Berger Group Inc. in Raleigh, NC. Ms. Carter has more than 26+ years of extensive experience in program management, emergency response and recovery, training, public relations, marketing and policy development. She is highly skilled in the interpretation of federal, state and county legal issues and laws as applicable to all phases of public assistance programs, hazard mitigation programs and compliance requirements. Homeland Security Planning for critical infrastructure, response and recovery operations Ms. Carter has demonstrated a strong ability to generate community commitment (public and private) and work effectively with that community, as well as a comprehensive knowledge of budgeting, finance and project planning from a business point of view. She also has experience in the effective training of emergency management personnel and community citizens involved in related disaster recovery fields. Some of Ms. Carter's previous experience includes: ·Project Manager for state agencies, several counties, local governments and Private not profit in New Jersey and New York following Super Storm Sandy; ·Public Assistance Advisor to the State of Louisiana following Katrina, Lead advisor in all phases of the recovery operation, James Lee Witt associates; ·Response, recovery and debris Plan development for the cities of Vero Beach, Port St. Lucie, Stuart and Indian River Shores, Florida and numerous other communities throughout the US; ·Public Assistance Officer for the State of North Carolina; ·Infrastructure Branch Chief to the State Emergency Operations Center, North Carolina; ·Senior Planner to the District of Columbia for their planning and homeland security requirements after 9-11; ·Senior Advisor to FEMA: Advisor for the World Trade center debris removal and landfill recovery operaton; ·Senior Course Developer and Trainer for Public Assistance Courses at the Emergency Management Institute (EMI), Emmetsberg, MD

**4:00 pm – Certificates of Completion will be distributed to full-day attendees.**

*You must be present (at the conclusion of the event) in order to receive course documentation. Certificates of completion will not be e-mailed or mailed out.*