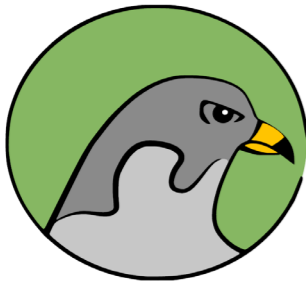


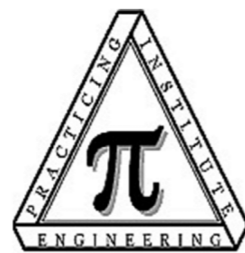
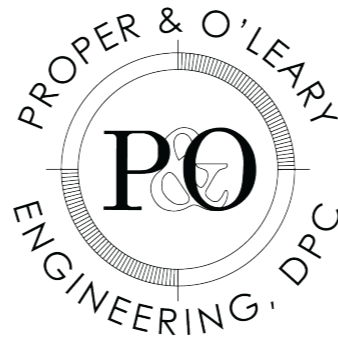
The Capital District's Celebration of National Engineers Week 2025

February 13th & 14th, 2025

Peregrine Engineering Consulting



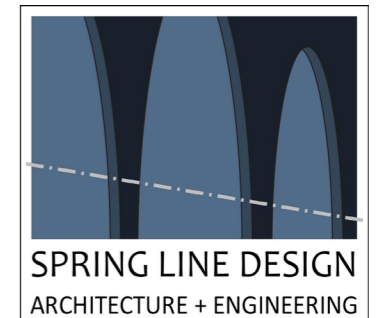
NEW YORK STATE SOCIETY OF PROFESSIONAL ENGINEERS



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The Capital District's Celebration of National Engineers Week 2025

Thursday - February 13, 2025 - Virtual Seminar Schedule

For more information, call Jennifer Miller at (518) 577-1132 or email: jamiller@nysspe.org

[Click Here to Register](#)

Times	Virtual A	Virtual B	Virtual C	Virtual D	Virtual E
	Bridge	Environmental/Ethics	Transportation	Electrical	Geology
Moderator 1:	Andrea Riedman	Jeff Marx	Criag D'Allaird	John Golde	Mark Williams
Moderator 2:	Phil Sutter	Gerard Burke	Don Streeter	Mark Ritter	Dave Smith
8:00am to 9:00am	Saving New York's Historic Truss Bridges By Peter Melewski, PE, F.ASCE (1 PDH)	Falling Trees: an Underreported Hazard that will Worsen with Climate Change By Joseph Englot, PE (1 PDH)	Performance Testing: New Criteria for Asphalt Mixtures By Bruce Barkevich (1 PDH)	Offshore Wind Farm EMT Modeling with Grid Forming and Grid Following Converters By Thomas Ortmeyer (1 PDH)	NYSDEC PFAS Source Investigations By Anthony Bollasina, P.G. (1 PDH)
Moderator 1:	Andrea Riedman	Jeff Marx	Criag D'Allaird	John Golde	Mark Williams
Moderator 2:	Phil Sutter	Gerard Burke	Don Streeter	Mark Ritter	Dave Smith
9:30am to 10:30am	Pulling Bridges Back from the Brink By Peter Melewski, PE, F.ASCE (1 PDH)	Pressure Sewer For New Sewer or Sewer Repair By Jerry Connolly & Will Stradling (1 PDH)	Airport and Port Products and their Design By Craig Coggins & Lee Veldboom, PE (1 PDH)	Surge Protection: A Guide to Sizing, Implementation, and Code Requirements By Robert DiMaggio (1 PDH)	Chemical Characterization of the PFAS – Contaminated Fractured Rock Aquifer between the Rutland-Southern Vermont Regional Airport By Jonathan Kim, Ph.D., P.G. (1 PDH)
Moderator 1:	Andrea Riedman	Jeff Marx	Criag D'Allaird	John Golde	Mark Williams
Moderator 2:	Phil Sutter	Gerard Burke	Don Streeter	Mark Ritter	Dave Smith
11:00am to 12:00pm	Emergency Replacement of the Annsville Culvert By Troy Soka, PE (1 PDH)	Understanding the Regulated Interface of Professional Engineering and Professional Geology in New York State ETHICS By Eric Greppo, PE & Jean Patota, P.G. (1 PDH)	Resiliency Planning for Transportation Assets By Joseph Englot, PE (1 PDH)	Your Test Ended Badly - Can you trust the engineering data? By James Fogarty, PE (1 PDH)	Geologic Mapping by the NYGS: History, Modern Processes, and the Future By Karl Backhaus, P.G. (1 PDH)
12:00pm to 1:00pm	LUNCH				
	Virtual A	Virtual B	Virtual C	Virtual D	Virtual E
	Bridge/Geotechnical	Environmental	Structural	Electrical	Geology
Moderator 1:	Andrea Riedman	Jeff Marx	Criag D'Allaird	John Golde	Mark Williams
Moderator 2:	Phil Sutter	Gerard Burke	Don Streeter	Mark Ritter	Dave Smith
1:00pm to 2:00pm	Post Fire Evaluation of Route 14 over Chemung River By Bradley Gates, PE (1 PDH)	An Engineer's Guide to Successful Vegetation Establishment By Peter Hanrahan, CPESC (1 PDH)	Trenchless Culvert Rehabilitation: Design & Installation Methodologies By Alex Sherrod & Dan Damman (1 PDH)	Paralleling Assets for Site Performance By Christopher Alexopoulos (1 PDH)	Green and Sustainable Remediation: Expectations at NYSDEC DER Sites By Mark Domaracki, P.G. (1 PDH)
Moderator 1:	Andrea Riedman	Jeff Marx	Criag D'Allaird	John Golde	Mark Williams
Moderator 2:	Phil Sutter	Gerard Burke	Don Streeter	Mark Ritter	Dave Smith
2:30pm to 3:30pm	Geotechnical Emergencies Over the Years By Mike Novak (1 PDH)	No Square Pegs: Sustainable Stormwater Solutions for Complex Sites per NYSDEC Regulations By Mallory Wright, PE (1 PDH)	Corrosion and our Infrastructure By Neville Sachs, PE (1 PDH)	Optimizing selection of Synchronous Condensers for Utility Applications By Arthur Depoian, PE (1 PDH)	How Advanced Community Air Monitoring Support Complex Brownfield Cleanup Programs By Paul R. Pickering (1 PDH)

The Capital District's Celebration of National Engineers Week 2025

Friday - February 14, 2025 - Virtual Seminar Schedule

For more information, call Jennifer Miller at (518) 577-1132 or email: jamiller@nysspe.org

[Click Here to Register](#)

Times	Virtual A	Virtual B	Virtual C	Virtual D
	Building	Concrete	Civil	Electrical
Moderator 1:	Andrea Riedman	Don Streeter	Jeff Marx	John Golde
Moderator 2:	Becca King-Sheely	Phil Sutter	Gerard Burke	Mark Ritter
8:00am to 9:00am	TRM029: Roof Preservation: A Sustainable Option By Brad Farris (1 PDH)	Concrete Pavement for Non-Highway Applications By Heather Steffek (1 PDH)	Best Uses and Applications for Plastic Stormwater Chambers By Taylor Abbott (1 PDH)	Evaluating Harmonic Performance of Inverter-Based Resources By Reigh Walling (1 PDH)
Moderator 1:	Andrea Riedman	Don Streeter	Jeff Marx	John Golde
Moderator 2:	Becca King-Sheely	Phil Sutter	Gerard Burke	Mark Ritter
9:30am to 10:30am	Cracked Masonry Adhesive Anchor Design: Are you ready? By Derek Gilbert, PE (1 PDH)	Rebar Types, Pros and Cons By Frank Gerace (1 PDH)	Stormwater Management- Surface Water Drainage and Underground Attenuation Systems By Michael Fortuna (1 PDH)	Measurement Data-Driven Power Plant Oscillation Monitoring and Damping Control Re-Design under Ambient Conditions By Luigi Vanfretti, PhD (1 PDH)
Moderator 1:	Andrea Riedman	Don Streeter	Jeff Marx	John Golde
Moderator 2:	Becca King-Sheely	Phil Sutter	Gerard Burke	Mark Ritter
11:00am to 12:00pm	Post-Installed Anchor Special Inspections and Field Testing By Derek Gilbert, PE (1 PDH)	Concrete's Evolution to Sustainability By Bill Lyons (1 PDH)	KUSTOMFLO – Large Diameter HDPE Pipe for Water Management By Adam Sapp, PE (1 PDH)	Secondary Systems: HVAC products that help Heat Pump Performance By Rob Zerrillo (1 PDH)
12:00pm to 1:00pm	LUNCH			
	Virtual A	Virtual B	Virtual C	Virtual D
	Structural	Geotechnical	Civil	Transportation
Moderator 1:	Andrea Riedman	John Golde	Jeff Marx	Don Streeter
Moderator 2:	Becca King-Sheely	Mark Ritter	Gerard Burke	Gary Raylinsky Jr.
1:00pm to 2:00pm	Archaic, Low-Carbon Structural Systems By Jim D'Aloisio, PE, LEED AP (1 PDH)	Soil and Rock Nail Wall for Construction of Subterranean Auditorium in Central Wisconsin By William Walton, PE, SE, F.ASCE, BC.GE; GEI (1 PDH)	Differing Site Conditions: When Bidding Amounts to Betting on the Unknown By Ashraf Ghaly, PhD, PE (1 PDH)	Proper Placement of Asphalt Pavements By Bruce Barkevich (1 PDH)
Moderator 1:	Andrea Riedman	John Golde	Jeff Marx	Don Streeter
Moderator 2:	Becca King-Sheely	Mark Ritter	Gerard Burke	Gary Raylinsky Jr.
2:30pm to 3:30pm	Structural Building Failures in NY By Jim D'Aloisio, PE, LEED AP (1 PDH)	Are Engineering Ethics and Generative Artificial Intelligence on a Collision Course? ETHICS By Ashraf Ghaly, PhD, PE (1 PDH)	High Performance Permanent Erosion Control By Doug McCluskey (1 PDH)	Asset Management in Critical Locations By Trygve Hoff, PE (1 PDH)