CONFERENCE ANNOUNCEMENT

THE NYSCPG PRESENTS

GEOLOGY DAYS 2026

SARATOGA SPRINGS
NOVEMBER 11 - 13

INTRODUCTION

The New York State Council of Professional Geologists (NYSCPG) invites you to attend the Fifth Annual Geology Days Conference.

Join over 300 professionals at the Holiday Inn in Saratoga Springs from Wednesday, November 11- Friday, November 13. Information regarding the specifics of the conference can be found in this Announcement and any future updates can be found on the Geology Days Page of our website www.nyscpg.com.

Approved conference presentations will provide continuing education (PDH) credit for NYS Design Professionals (geologists, engineers, etc.). NYSCPG will also submit courses for Connecticut LEP credit approval. Requests to receive CTLEP credit can be submitted on the event registration form.

TENTATIVE

CONFERENCE SCHEDULE

Wednesday, November 11th

9:30 am - 2:00 pm	Optional Short Course *Separate Registration Required*
2:30 pm - 4:30 pm	Annual Member Meeting
5:00 pm - 7:00 pm	Ice Breaker Reception

Thursday, November 12th

7:00 am - 8:00 am	Breakfast
7:30 am - 12:00 pm	Field Trip *Separate Registration Required*
8:00 am - 5:00 pm	Technical Presentations

Friday, November 13th

7:00 am - 8:00 am	Breakfast
7:30 am - 12:00 pm	Field Trip *Separate Registration Required*
8:00 am - 5:00 pm	Technical Presentations

ANNUAL MEMBERSHIP MEETING

Join the NYSCPG Board of Directors for the Annual Membership meeting from 2:30 pm to 4:30 pm on Wednesday, November 11. Discussions will include the current state of the organization and the profession in New York, where the organization plans on improvements for the near future, and how you can help. Members and potential members are encouraged to attend.

CONFERENCE ASSISTANCE

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GEOLOGY DAYS 2026 SPONSORSHIP

Conference Sponsorship Opportunities are available now. The Sponsorship Signup Deadline is September 11th, 2026.

SIGN UP AS A CONFERENCE SPONSOR HERE

NYSCPG is offering limited exhibit table space for companies to set up displays at the conference. Table Space comes with one free Exhibitor registration, additional exhibitors may register at a $250 rate. Exhibitors are required to register for the event through the NYSCPG website.

Additional information about Sponsorship and Exhibitors can be found in the 2026 Sponsorship Information linked here.

THANK YOU TO OUR SPONSORS

Gold Sponsor: Alpha Geological Services, D.P.C.
Silver Sponsor: Specto Technology
Bronze Sponsor: AST Environmental, Inc. | Midwest GeoSciences Group | Matrix Environmental Technologies, Inc. | Pace Analytical Services | TerraTherm
Field Trip Sponsor: NE-AIPG

HOTEL INFORMATION

Holiday Inn Saratoga Springs
232 Broadway Saratoga Springs, NY, 12866

Use code GEO when making your reservation

ACCESS THE HOTEL WEBPAGE HERE

ATTENDEE REGISTRATION INFORMATION

Each person attending any part of the technical conference must register for the conference. The registration fee covers the Icebreaker reception, AM/PM breaks, breakfasts and lunches on Thursday and Friday.

There will not be a scheduled dinner for Geology Days 2026 to allow attendees to enjoy an additional evening in Saratoga.

All attending non-technical spouses and friends must be registered as "guests" for any events. We recommend registering early as Geology Days has frequently sold-out.

Consider becoming an NYSCPG member to qualify for a lower registration rate. https://nyscpg.com/Join-Us

REGISTRATION DATES

June 17th - Early Bird Registration Opens
August 1st - Regular Rate Registration Opens
November 1st - Registration Closes

Registration Type	NYSCPG Member	Non-Member	Regulator
Early Bird Registration (June 17 - Aug 1)	$350	$550	$200
Regular Registration (Aug 1 - Oct 31)	$425	$625	$275
Late Registration (Nov 1)	$500	$700	$350

Registering November 1st- 4th, if space is available, will incur a $75 late fee.

CONFERENCE ANNOUNCEMENT

CLOTHING ORDERS

NYSCPG will be offering pre-orders for clothing items to be picked up at this year's conference; shipping options will not be available.
Additional information about preorders will be posted to LinkedIn, sent via email, and listed on the Conference Page within the next few weeks.

UPDATE TO SESSION POLICY

The NYSCPG is granted the ability to approve Continuing Education courses for Design Professionals by the NYSED. The NYSCPG is responsible for the review of courses to grant approval for PDH credit, and to moderate participants to ensure the awarding of PDH credit is justified.

In order to award credit, attendance along with participation must be tracked; hence the requirement for speaker-driven questions throughout presentations. While it is recognized that use of laptops or other personal devices is beneficial to the retainment of information presented, use of these devices must be limited only for note taking or further engagement with presented content.

If you must complete other work while at the event, we kindly ask you to communicate with a moderator and leave the presentation area for the duration of this work to eliminate distractions from other attendees. If it is discovered that an individual is present in the room, but not engaging with the presented content, or is not present for the entirety of a presentation, that individual may be asked to leave, or denied from receiving credit from the event without a refund. By completing registration, attendees agree to the terms set forth in this policy.

FIELD TRIPS

Co-Hosted by NE-AIPG

We are grateful to the North East chapter of the American Institute of Professional Geologists for co-hosting field trip opportunities on Thursday, November 12th, and Friday, November 13th for Geology Days. Each trip will cost $25 in order to cover transportation, and will provide at minimum 3 PDH credits with an opportunity to learn outside of the classroom. In the past, these trips have been quite popular and have sold out quickly, so be sure to register as soon as possible to reserve a seat.

Registration for the Field trips will be available on the Conference Registration Form. Reminders for those who register for a trip will be sent out a few weeks before the conference. Attendees must arrive at least 10 minutes before the scheduled departure.

Please Note: In the event that an attendee is not present 10 minutes prior to departure, they will be considered a no-show. Individuals who are present and on the waitlist will be then granted the opportunity to fill any open seats and participate in the trip. In the case of a no-show, a refund will not be provided.

CONFERENCE ANNOUNCEMENT

Wednesday Optional Short Course

Title: Borehole Geophysics and Hydrogeologic Characterization for Multilevel Well Design and Construction

The course will review borehole geophysical methods used to characterize overburden and fractured bedrock, following guidance from the U.S. Geological Survey (USGS) and other sources. Geophysical methods covered will include caliper, natural gamma, electrical logs, EM induction, optical televiewer (OTV), acoustic televiewer (ATV), fluid temperature, fluid conductivity, flowmeters, and more. The use of borehole nuclear magnetic resonance (NMR) for characterizing subsurface hydrogeologic conditions will also be discussed. The course will review how these geophysical logs are analyzed in the field to guide subsequent flowmeter logging (heat pulse flowmeter, spinner, and electromagnetic tools) as well as inform the design of groundwater sampling programs. The importance of lining boreholes with a blank FLUTe liner will also be emphasized. Additional methods for characterizing open boreholes in fractured bedrock such as packer testing, FLUTe FACT, FLUTe transmissivity profiling, NAPL liners, and various groundwater sampling techniques will be covered. An example of how data from multiple sources can be compiled to create integrated borehole logs will be presented. Participants will also review the various types of multilevel groundwater sampling systems currently available including their capabilities, advantages, and limitations, and their application in both overburden and fractured bedrock settings. The integrated borehole logs will be used to demonstrate the design of multilevel wells. Lastly, the course will review and evaluate the construction process for different multilevel well systems and discuss subcontract specifications for borehole geophysical investigations and multilevel well installation.

Speaker Bio:

Rob Garfield has nearly 25 years of experience in the geophysical profession at HRGS. Mr. Garfield is a licensed professional geologist in the states of New York and Louisiana and manages the HRGS New York/New Jersey office. Mr. Garfield is involved in all aspects of HRGS' work and specializes in high resolution borehole geophysical logging services. Mr. Garfield is widely recognized as an expert in the field of borehole geophysics, is often asked to speak about applications of borehole geophysical logging services for engineering and environmental applications, and serves on the board and on committees of geologic and engineering organizations including on the board of directors for the New York State Council of Professional Geologists.

Time: Course Start	9:30 am	Cost: No PDH Credit	$175
Lunch Break	12:00 pm	Member (with PDH)	$225
Course End	2:00 pm	Non-Member (with PDH)	$300

Registration Cost includes light snack and beverage upon arrival and Lunch

Course pending approval for 4 PDH credits

More information can be found at www.NYSCPG.com/Geology-Days-2026

CONFERENCE ANNOUNCEMENT

TIMES ARE TENTATIVE AND SUBJECT TO CHANGE

FIELD TRIPS - Co-Hosted by NE-AIPG

Thursday Field Trip

From Folds to Flows: Characterization of Complex Geologic Settings in New York

Abstract: We live on a composite landscape. Sediments, rocks, landforms, and geologic processes of past and present have produced the geologic framework that professional geologists work with daily. For many of us the routine tasks of our work might have become mundane, unremarkable—however, we should never take the geologic backdrop for granted (granite), particularly where processes ranging from mountain building to glaciation have compounded across geologic time to create complex geologic environments like those observed in New York State.

One such intersection between glaciation and ancient tectonics can be observed in southeastern Albany County. Well below the grandeur and elevation of the Helderberg Escarpment near the Hamlet of Feura Bush, the contortions of the Hudson Valley Fold and Thrust Belt (HVTB) boldly advertise tectonic events that unfolded during the Paleozoic Era. The spectacular folds and faults of this structurally complex geologic setting resulted from post-Taconic plate convergence. Stream erosion intensified across the terrains of New York during the Paleogene and Neogene, and regional drainage patterns and escarpments likely began to develop. By the onset of the Pleistocene about 2.6 million years ago, rock structure and preexisting erosional patterns interacted with continental scale ice sheets. Formation of large proglacial lakes and catastrophic drainage events were common during this time.

Multiple compounding geological events have occurred across all of the HVTB, and their cumulative result is the geologic setting that we observe today. This complex framework poses a detective story that professional geologists need to understand in order to solve a host of resource and environmental scenarios for the betterment of our society. Further, an understanding of geologic time and processes is unique to our professional responsibilities. Join Museum Scientist and PG Dr. Andrew Kozlowski as he leads a walking and talking extravaganza to examine examples of a complex geologic settings and engage in interactive discussions at each site. (Sturdy Footwear Recommended)

Date: November 12, 2026
Time: Depart 7:30 am
Return 12:00 pm

Credits: 4 PDHs pending
Cost: $25 to cover transportation
Led by Andrew Kozlowski, Ph.D., P.G., NYSGS

Friday Field Trip

Amrize (former Lafarge) Ravena Quarry and Plant Tour

The purpose of this visit is to provide insight into the cement-making process, from analyzing in situ rock to processing the finished product. This plant produces more than one million tons of cement each year, which is used throughout the Northeast, sold in bags at major home improvement stores, shipped in bulk directly from the plant to construction sites across the region, and distributed locally by concrete dealers to be mixed with aggregates to make concrete.

Quarry and Plant Tour – This guided tour offers a close-up look at the active quarry and plant operations involved in the production of cement from in situ rock. The tour will begin with a discussion of the local rock and geology and how the limestone gets selected for the cement-making process, then participants will follow the cement-making process from limestone extraction in the quarry through the processing and testing at the plant to produce the finished product. Participants will examine the rock up close, observe drilling operations and loaders and haul trucks in action, and, if the timing is right, witness the loading of a quarry blast followed by the blast itself.

This trip may require PPE (Personal Protective Equipment) - information will be provided to attendees as required.

Date: November 13, 2026
Time: Depart 7:30 am
Return 12:00 pm

Credits: 3 PDHs pending
Cost: $25 to cover transportation
Led by Kayla Weidner & Brian Soeffing, Amrize

CONFERENCE ANNOUNCEMENT

AUTHOR LIST

Presenter Name	Organization	Title
Christopher R. Kelson, Ph.D., P.G., Steve N. Moore, P.E.	Atlantic Testing Laboratories	A Confluence of Geochemistry and Engineering - The Corrosion of Steel Reinforcement in Hardened Concrete
William Bohrer, P.G., Michael Burke, P.G., Patrick Farnham, Seyena Simpson, Olivia O'Donnell, Keyleigh Wallick	Langan	Using downhole geophysics to aid in creating conceptual models in NAPL/Dissolved Phase Bedrock Investigation
Maren Pauly, Ph.D.	SGS, Beta Labs	Stable Isotope Applications for Source Identification, Tracking, and Remediation of Anthropogenic Soil and Water Contamination
Mario Carnevale, P.G.	Hager GeoScience	Bedrock Fracture Models Interpretation and Speculation
Lindsay L. Boone	Pace Analytical Services	PFAS Analytical Methods for Geologists: Applications in Soil, Groundwater, and Brownfield Site Characterization
Paul M. Dombrowski, P.E., Krystian Gombosi, E.I.T., Grant Geckeler	ISOTEC Remediation Technologies	Enhanced Reductive Dechlorination for Large-Scale CVOC Treatment in Challenging Bedrock & Overburden Geology
Frederick Stumm, P.G., Jason S. Finkelstein, Andrew D. Lange, John H. Williams	USGS	Hydrogeologic Framework, Hydraulic Properties, and Extent of Saltwater Intrusion in Suffolk County, Long Island, New York - Results from Recent Drilling
Dennis H. Askins, P.G., Samuel Epstien, Alex Posner, P.G.	Retired	New York City Geology and Its Influence on Geothermal Heat Pump Systems: 5 Case Studies Comparing the Sites Geology, types of Geothermal Systems, and the Problems and Solutions for Designing and Operating Sustainable Energy Systems
Tao Wen	Syracuse University	Tracing and Predicting Fluid Processes Across Subsurface and Catchment Systems: Integrating Geochemical Tracers and Data-Driven Modeling
Caroline Jalanti, P.E.	NYSDEC	Ways to Improve your Brownfield Cleanup Program Site: Based on Statewide and Regional Trends
Paul R, Pickering[1], Andrew Chunn, CHMM[2]	Aeroqual[1], Langan[2]	Advanced Community Air Monitoring for Mega-Scale Brownfield Redevelopment: The Netflix Studios Case Study
Frank Getchell, P.G.	Weston & Sampson	Considerations for Optimizing Water Supply Well Design, Construction, and Performance Maintenance

CONFERENCE ANNOUNCEMENT

AUTHOR LIST

Presenter Name	Organization	Title
David M. Winslow, Ph.D., P.G. Bhuvnesh Parekh, P.E., Eric Dieeck, P.G., Jose Cohen, Keith McPartland, LSRP, Steve Ciambruschini, P.G.	Langan	Use of a 3-D Visualization to Develop a Conceptual Site Model Development in a Complex Glacial Stratigraphy
Jessica L. Taylor, P.G., Jack Rusk, P.G.	Roux, Inc.	Remediation of a Large-Scale Urban Fill Site in Northern Manhattan: A Brownfield Cleanup Program Case Study
Robert Murphy, P.G.[1], Sarah Hession, Ph.D.[1], Michael L. Spera, P.E.[1], William Ottaway, P.E.[2], Fabia Iwashita Ph.D.[2], Sadie Wheeler[3], Alyssa Woodworth[3]	AECOM[1], NYSDEC[2], NYSDOH[3]	Background PFAS in New York From Study to Rulemaking
Kira Bruno, Payson Long	NYSDEC	Dicision of Environmental Remediation - Green and Sustainable Remediation
Dax Soule[1], Guangyu Xu[2], Karen Bemis[3]	CUNY, Queens College[1], University of Washington[2], Rutgers University[3]	Axial Seamount, an Underwater Volcano
Paul M. Dombrowski, P.E.	ISOTEC Remediation Technologies	Focusing on Geology to Improve In-Situ Remediation Outcomes: Perspectives for the Remediation Engineer
Eric Greppo, P.E.[1], John Nadeau, P.G.[2]	NYSDEC[1], NYSCPG[2]	Ethics Presentation
Shannon Edmonds, James Hauri, Ph.D., Sin Senh, P.G.	Roux, Inc.	An Evidence- Based Approach to Determining a Reasonable Cost Allocation for Sediment Contamination in Onondaga Lake Amongst Multiple Parties
Andrew Clift, Ph.D., P.G.	NYS Museum	New York's Critical Mineral Future: Mine Waste Characterization, Modern Mapping, and New Geophysical Results
Bill Brab, P.G., Derek Pizarro	AST Environmental, Inc.	Mitigating Migration and Discharge of VOCs to Surface Water Bodies Using Regenerative PRBs
Candice Constantine, Ph.D., P.E.	Tighe & Bond	Designing Dam Removals in Context: Linking Geology, Geomorphology, and Restoration Outcomes

CONFERENCE ANNOUNCEMENT

AUTHOR LIST

Presenter Name	Organization	Title
Julia Marcantonio	NYSDEC	Impacts of the 2023 Canadian Wildfire Smoke Events on Soil Geochemistry in New York State
Wendy Kuehner, P.E.	NYSDOH	Guidance for Evaluating Soil Vapor Intrusion in the State of New York – General Guidance for Terminating Sub-Slab Depressurization System (SSDS) Operation, Maintenance, and Monitoring in New York State
Eric Lovenduski, Perri Silverhart	Geosyntec Consultants	Advanced Vapor Intrusion Sampling Methods High Volume Sampling & Building Control Testing
John LaChance[1], Erin Hauber[1], Steffen Griepke[1], Nicole Bryson[2], Joseph VonUderitz[3] Jon Trombino[3], Michael Hertz, P.G.[3]	Cascade Environmental[1], TerraTherm[2], EA Engineering and Geology, P.C.[3]	Implementation of Combined ISTR Technologies at Four Recent Fund-Lead Superfund Sites
Duane Guilfoil, P.E., Derek Pizarro	AST Environmental, Inc.	Biodegredation of CVOCs and 1,4-Dioxane with Concurrent Sequestration of PFAS in a Large Commingled Plume
Marleiah O'Neill, P.G.	Geosyntech	Passive Diffusion Porewater Sampling for Evaluating Sediment Cap Performance in Long-Term Monitoring Programs
Robert O'Neill[1], Jim Breza[2], Elena Dadukova[2]	Brown and Caldwell[1], EHS Support[2]	Confirmation of a Conceptual Site Model: Influence of Nearby Quarry Operations on Groundwater Flow and Contaminant Distrubution in a Fractured Limestone System
Michael Erbele	TRC Companies, Inc.	Utilizing Boron to Effectively Delineate 1,4-Dioxane and PFAS Landfill Plumes from Local Downgradient Sources
Jen Kotch, P.G.	Hazardous Waste and Tocic Substances SME	Department of War (DoW) Responses to Aqueous Film-Forming Foam (AFFF) Contamination
Adam Toy, P.G., Karen Roth	WSP	Integrating LiDAR-Based Structural Mapping and Kinematic Analysis for Rock Slope Design at Bridge 14, Chester Vermont
Steven Klimowski	First Environment	From Fredonia to the Forgotten: New York's Legacy Wells and the National Orphaned Well Crisis