

**Jim Stewart**  
**John P. Stopen Engineering,**  
**LLP**

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**6 December 2023– 7:00 PM - In-Person & Virtual Options Available**

Jim Stewart (John P. Stopen Engineering, LLP) will present:

## **Some Significant Engineering Considerations for Facilities in areas of Camillus Shale and Utica Shale**



Two rock formations that are common in Central New York have significant, but poorly documented, considerations for geotechnical and foundation engineering. These are described and illustrated with photos from investigations, construction projects, and remediation projects.

**An application has been submitted to NYSCPG for this presentation to count for 1 NY PDH**

***BOTH IN-PERSON and VIRTUAL options are available!- Zoom link will be sent the morning of 1/3/24***

**Location:** Spaghetti Warehouse, 689 North Clinton Street, Syracuse, New York or ZOOM

**Time:** 5:00—6:00p.m. social hour: 6:00-7:00 p.m. dinner; 7:00 p.m. technical presentation

**RSVP:** <https://cnyapg.org/>

**Next dinner meeting - February 2024**

# CNYAPG Newsletter

*The CNYAPG Newsletter is a monthly publication of the Central New York Association of Professional Geologists dedicated to sharing upcoming events, delivering regular articles of interest and providing the Membership a forum for discussion.*

*The newsletter is prepared by the Officers and Board of Directors of CNYAPG (listed below).*

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## President's Message– January 2024

A Happy New Year to all our members, sponsors, and supporters; welcome to 2024! Believe it or not, we are almost halfway through this decade. With all new beginnings, there is hope and optimism for better things and sadness for the things we have lost. As geoscientists, we must remember that the world around us is nothing more than a never-ending cycle of change and renewals. Oceans come and recede, mountains rise and are worn away, species appear and then go extinct. There is happiness and joy, and then there is sadness and regret, then there is new joy. However, through all of it, the world remains (at least for another several billion years), and as long as we remain, there is the possibility of a better tomorrow. So, as we come out of another holiday season, let's all refocus ourselves and work on making this new year better and more productive than the last year.

CNYAPG hosted Dr. Kristopher Kusnerik of Hamilton College's Department of Geosciences in December. Kris gave a fascinating talk on his research into the character and history of Florida's spring-fed rivers and springs using fossil snails and modern mollusks. It was an insightful presentation and generated an excellent discussion. Thanks again, Kris. For our January 3rd offering, we are pleased to announce Dr. Jim Stewart of John P. Stopen Engineering, who will be giving a presentation entitled: "Some Significant Engineering Considerations for Facilities in Areas of Camillus Shale and Utica Shale." I hope you will attend this presentation either virtually via Zoom or in-person at Spaghetti Warehouse.

From the 22 colleges and universities in Central New York contacted regarding the CNYAPG 2023-2024 Earth Science Student Research Grant, we have received nine excellent student proposals. The review committee is evaluating the proposals, and I look forward to announcing the winner in our February newsletter. Also, if you or your firm would like to sponsor the student grant, your help would be much appreciated. As you know by now, CNYAPG awards a \$1,000 grant to the student or students with the best Earth Science-based research project.

There are a few upcoming events to keep an eye out for this year: On March 17th through 19th, Northeastern GSA will be held in Manchester, New Hampshire. I know of a few local university and college students who will be presenting posters. In April, Syracuse University will host its annual Central New York Earth Science Student Symposium here in Syracuse. Also, in April, we will have a truly spectacular event. A total solar eclipse is set to occur Monday, April 8th. It will sweep across a good part of the United States. We here in Syracuse should expect totality at approximately 3:25 EST. However, the event should start at approximately 2:15 EST and last until approximately 4:30 EST. I expect several local schools and universities will be hosting safe viewing parties. It will be a great opportunity for some of us to engage young scientists and promote the geosciences.

The rescheduled CNYAPG and NE-AIPG's Geology Field Day for late spring is still underway, and things are taking shape with several great presenters and demonstrations lined up. If you or your firm are interested in participating in the event, don't hesitate to contact us as soon as possible so we can get you or

## President's Message (continued...)

your company into the program. We will be announcing a date next month. Also, as you know, CNYAPG will be holding elections for its board of directors, including for our Treasurer and Vice President. If you are thinking about serving our local geosciences community, contact us. If you are an active member, please vote when the ballot is presented this spring. There will, as usual, be an opportunity for you to be a write-in candidate. Think about it.

The New York State seismic update for December (as of the time of this writing): There were two tremors in the north country, both on December 11th and in the area of Canton. The first occurred at 4:59 EST with a magnitude of 2.8. The epicenter was 5.59 miles north-northwest of Canton, with a hypocenter of approximately 6.09 miles. The second event occurred approximately at 6:39 EST, with a magnitude of 1.3. Its epicenter was 3.73 miles north-northwest of Canton, with a hypocenter of 4.66 miles in depth.

As I have done in the past, I called for people to submit articles and photos to the newsletter. We tried a crossword puzzle in the past, and next month, we may try a section in the newsletter called "Test Your Geologic Knowledge," where members email us a geologic question (with the answer), and then we all can see how much geology we remember.

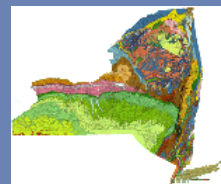
I'll kick it off next month with a few exam questions from one of the courses I taught as a college professor. It will be fun!

I encourage all our members to stay safe and stay involved. Please consider posting your best photos or geoscience-related discussions on our Facebook page. If you come across research, scholarship, or internship opportunities for students (high school, undergrad, grads, or post-docs), please post them or let us know so we can get the word out. Also, if your company would like to support CNYAPG, your contribution will get you ad space in our newsletter, and you will be supporting student research and our planned Field Day.

Lastly, a quote for this New Year: "Believe in yourself, learn, and never stop wanting to build a better world." – Mary McLeod Bethune

Calvin K. Prothro, P.G., CPG  
President of CNYAPG

The CNYAPG was founded in 1993 to strengthen and advance the geological sciences. CNYAPG conducts regular meetings on the first Wednesday of each month from September to May. Meetings feature dinner and distinguished speakers whose presentations invite comment and discussion.



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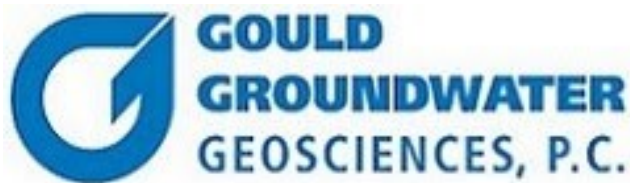
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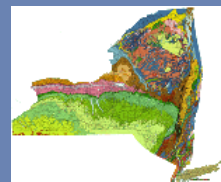
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- ❖ Statistical Analysis



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## Upcoming Events

**January 3 2024 7:00 PM**– CNYAPG– Jim Stewart —(John P. Stopen Engineering, LLP ) —Dinner Meeting—[www.cnyapg.org](http://www.cnyapg.org)

***Thank you to David Eckhardt for your donation!***



*“Somewhere in Maine”- Photo courtesy of Sean Pepling*

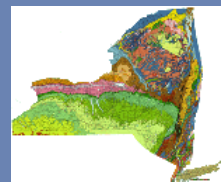
## CNYAPG Governance

### Membership Renewal

CNYAPG's membership period follows the CNYAPG meeting year from September through August. Renewals are due in September. To renew or become a new member, simply complete the membership form, available on our website at [www.cnyapg.org](http://www.cnyapg.org). Membership is only \$25 per year and all money received is used in support of our organization.

Join CNYAPG at our social networking groups on [Facebook](#) and [LinkedIn](#). These sites (always under development) will provide online forums for discussion, as well as another way to inform our members and networking opportunities. For more information about our social media sites e-mail us at [admin@cnyapg.org](mailto:admin@cnyapg.org).

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