

**CNYAPG
January 2022**



**Central New York Association
of Professional Geologists**

**Drs. Robert & Johanna Titus
(Hartwick College– Retired)**

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19 January 2022 Dinner Meeting– 6:00 PM

Drs. Robert & Johanna Titus (Hartwick College—retired) will present:

The Hudson Valley School of Art– Ice Age Influences

Robert and Johanna Titus, retired professors of geology and biology, are popular science writers, focusing on Catskills and Hudson Valley geological histories. They write regular geology columns for three regional magazines and three area newspapers. They maintain a facebook page, “The Catskill Geologist” and a blog, “thecatskillgeologist.com.” They are authors of three books, including “The Hudson Valley in the Ice Age” and “The Catskills in the Ice Age, third edition.” Robert and Johanna will be speaking about the Hudson Valley School of Art. They argue that the landscapes painted by these great artists were originally sculpted by ice age processes. The glaciers produced the landscapes, and the artists produced the paintings. They believe that both geologists and art historians should understand this relationship. Their presentation will be suitable for professional geologists as well as all members of the general public.

THIS IS A FREE VIRTUAL EVENT

Registrants will receive Zoom login instructions the morning of 1/19/22.

Next dinner meeting - February 2022

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 2022

Happy New Year all, we made it to 2022. We are fresh out of the holidays and it is back to work time, so let's get to it. I know it may not seem like it, but a lot of good stuff is happening in the geosciences and in science in general. First, you know by now that all New York professional Geologists have to start accruing PDHs (Professional Development Hours), so let's start looking for and developing content to collect those hours. Also, (really exciting) on December 22nd, Governor Kathy Hochul signed the state geological trails bill into law. In case you are unaware of what this bill (now law) is, it provides for the designation of geologically significant areas, territories, and sites throughout New York State, and for the establishment of a state geological trail. And before you ask, yes, CNYAPG will be giving input and support on the development of the portion of the trail that will come through central New York. Stay tuned.

In December, CNYAPG hosted Dr. David Valentino of SUNY Oswego's Department of Atmospheric and Geological Sciences. Dave gave a fascinating talk on the character and nature of brittle rock deformation in the Adirondack basement and its link to features in the overlying Paleozoic strata. After sitting through this talk, I know a number of us will be going back to some of the NYSGA field guidebooks, and planning field trips for this spring.

This month, CNYAPG will be hosting Doctors Robert and Johanna Titus, both retired Hartwick College professors. This month's presentation will be virtual and free, and the Titus' will speak on the glacial landscapes of New York State and how they have influenced landscape painting and other types of artistry. I am looking forward to this talk on the blending of glacial geomorphology and landscape art. I hope you will attend this virtual presentation via Zoom on January 19th at 6:00 pm.

From the 21 colleges and universities in Central New York contacted regarding the CNYAPG 2021-2022 Earth Science Student Research Grant, we have received eight excellent student proposals. The review committee is currently evaluating the proposals and I am looking forward to announcing the winner next month.

Ok, we all know this year hasn't started the way we all wanted. Yes, Covid-Omicron is taking its toll in so many ways, but remember we are not in the same situation we were in a year ago. We have vaccines, home test kits, several very good treatments, and a better understanding of the virus. Have hope for the coming year. If you are a fan of dystopian science fiction or a fan of the late actors Charlton Heston and Edward G. Robinson, you are aware of the early 1970s movie "Soylent Green" (If you are not, find it, it is worth a viewing. It is a good movie – not great, but a good movie). The reason I mention this movie is that it takes place in a 1970s vision of the world of 2022. Even though you can find prophetic similarities with today's world (pollution, ecological problems, overpopulation, etc.) our world is not nearly that bad. Science fiction gives us hope that we can solve our problems no matter how bad things are. Sometimes a misuse of science can get us into trouble, but science, technology, and human creativity can always get us out of it. I believe we can solve any problem and overcome any challenge the universe can throw at us.

President's Message– January 2022 (continued...)

Speaking of science and optimism, the long-awaited James Webb Space Telescope was finally launched on Christmas day. If all goes well, the telescope should catch “first-light” sometime after January 24th, and will hopefully be answering some of our old questions about the beginning of the universe, and posing some new ones. One of the planned tasks of the James Webb will be to try and image the atmospheres of exoplanets and tell us something about the environments of these distant worlds. The JWT will also aid in the study of rogue planets that wander the Milky Way; planets devoid of a parent star. The geologic insights that may be revealed could be staggering.

As I have done in the past, I encourage all our members to stay safe and stay involved. Please consider using social media to post and discuss topics in the geosciences or just post interesting images of outcrops and hiking photos on Facebook and Instagram. If you come across research and scholarship opportunities for students (high school, undergrad, grads, or post-docs) please post them or let us know so we can get the word out.

Lastly, a quote for this New Year: “If you want to change the future, you must change what you’re doing in the present.” – Mark Twain.

Happy New Years,

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

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



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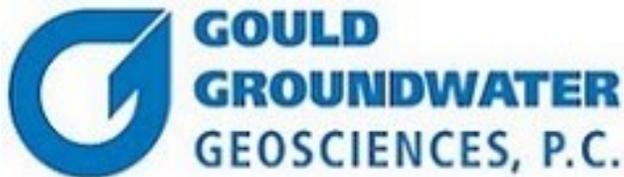
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Programming Note & Upcoming Events

CNYAPG temporarily transitioned to a virtual Zoom platform beginning with the October 2020 meeting. Starting in November 2021, in-person meetings resumed with COVID-19 protection protocols in-place.

January 19, 2022 6:00 PM– CNYAPG– The Hudson Valley School of Art– Ice Age Influences

Dr. Robert Titus– Hartwick College

Virtual Meeting– www.cnyapg.org

January 19, 2022 5:00 PM– HMPGA– Environmental Petrography Survey of Selected Upstate New York Bedrock Formations and Applications in Chemical Hydrogeology

Jon Fox– Fox Professional Geology, PLLC

Dinner Meeting– www.hmpga.org

February 16, 2022 6:00 PM– CNYAPG– *Topic TBD*

Dr. Robert Darling– SUNY Cortland

Dinner Meeting– www.cnyapg.org

March 16, 2022 6:00 PM– CNYAPG– *Topic TBD*

Mr. Andy Kozlowski– NYSGS

Dinner Meeting– www.cnyapg.org

April 20, 2022 6:00 PM– CNYAPG– *Topic TBD*

Dr. Paul Harnick– Colgate University

Dinner Meeting– www.cnyapg.org

May 18, 2022 6:00 PM– CNYAPG– *Topic TBD*

Dr. Rachel Lee– SUNY Oswego

Dinner Meeting– www.cnyapg.org

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. 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.

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