



SOCIETY OF ECONOMIC GEOLOGISTS, INC.

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Student Chapter Annual Report Cover Page

Submission Deadline: September 30th

Submit to: studentprograms@segweb.org

Month/Year Reported: From _____ (mm/yyyy) – To _____ (mm/yyyy)

STUDENT CHAPTER:

Check if update needed at segweb.org

Name: _____

University Affiliation: _____

Mailing Address: _____

Dedicated E-mail: _____

Website: _____

Logo: _____

Facebook: _____

Twitter: _____

Instagram: _____

LinkedIn: _____

YouTube: _____

Chapter Executive Committee (*in office during the time frame captured on this report*) (type "Vacant" if position not filled):
The new committee is reported on the Student Chapter Membership Information form (SCMIF).

President: _____
Name E-mail

VicePresident: _____
Name E-mail

Secretary: _____
Name E-mail

Treasurer: _____
Name E-mail

Chapter Academic Sponsor: Check if SEG Fellowship in good standing

Name E-mail Phone

Address Fax

Chapter Industry Sponsor (*not affiliated with the student chapter's institution*): Check if SEG Fellowship in good standing

Name E-mail Phone

Address Fax

Sponsoring Institution or Company(name): _____

1. Regular Meetings/Lectures

Our regular meetings were held every other week at Snee 3146 at 4:30 p.m. in Cornell University's facilities.

September 14, 2022- First Meeting of the SEG in the new fall semester, old and new members introduced themselves to each other and discussed activities they did for the summer. Then, the club did a brief overview for Cornell campus group re-registration, and set the regular meeting time and room for the upcoming semester.

September 21, 2022- We had a Chapter Meeting featuring Dr. Karin Olson Hoal. Her talk was on the History of SEG and how SEG can help the green energy transition.



October 5, 2022- Dr. Lawrence Cathles gave a wonderful talk about "Tales of Ore Deposits of my Experience." We ended up discussing fluid inclusions at length.

October 19, 2022- The student chapter met and planned for future speakers, funding, and professional certifications, and formed the SEG Earth day Symposium committee

October 24- Dr. John Thompson gave an in-person talk on "Mineral Deposit Models at Different Scales" in snee 2154.

November 16, 2022- Preparations for CEC Conference at Cornell Tech, the club collaborated with the Cornell Energy Club and hosted a panel on Critical Minerals, Dr. Karin Olson Hoal was the moderator of the panel and the panelists include: Duncan Wood, Guillermo Espiga, and Jeffery Christian.



November 18, 2022- Cornell Energy Connection Conference with members Shouchun, Valeria, Eraklis, and our Faculty advisor Dr. Karin Olson Hoal.



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November 30, 2022- The student chapter met in Snee Hall and Professor Suzanne Kay gave a talk on Giant Andean Ag-Cu-Au Porphyry with a focus on the Giant Cerro Rico de Potosi Silver Deposit in Bolivia. She gave great detail on the history of mining and the geology of the area and shared many photos of her travels to the area.

December 7, 2022- Chapter Pizza Party

The club gathered together before the break and final, summarizing the semester's activities and planning for the new semester.

February 1, 2023- We had our first meeting of the semester in Snee 3146 and continued the planning for the Earth Day Symposium

February 15, 2023- Professor Suzanne Kay gave a talk on the geochemical evolutions of the Andes, with a particular focus on the evolution of the subducting slab and the Altiplano-Puna plateau of the central Andes and the evolution of ore deposits, as well as volcanoes in the area.

March 6 and 7, 2023- Members attend two talks by Adam Simon about the energy transition and the formation of iron oxide-copper-gold (IOCG) deposits. Members then had lunch with Adam and discussed his research

March 9 and 10- Members attend a talk by Marisa Acosta on the dynamics of faceted crystal growth. Members then had lunch with Marisa and discussed her research

March 20 and 21, 2022- Members attend a talk by Hector Lamadrid on carbon sequestration and fluid inclusions. Members then had lunch with Hector and discussed his research

March 22 and 23, 2023- Members attend two talks by Carolina Munoz Saez on the evolution of hydrothermal systems. Members then had lunch with Carolina and discussed her research.

March 27 and 28, 2023- Members attend two talks by Mark Locmelis, then had lunch with him and discussed his research.

March 30, 2023- Chapter Meeting discussing the final details of the Earth Day event and planning for the Herkimer Diamond Hunting trip

April 21, 2023- SEG Earth Day Symposium, Virtual Event hosted by Cornell SEG
Attendants from all over the world from more than 15 student chapters and countries. During the event, we had between 50 and 60 people on Zoom. Event recording link
(<https://www.youtube.com/watch?v=SClv9cBzJsg>)

May 17, 2023- SEG student chapter officer elections, the nominations are President: Shouchun, Vice President: Kyle, Treasurer: Valeria, Secretary: Aiden.

2. Field Trips

August 23rd: Eraklis traveled to Arizona to visit copper porphyry open pit mines as part of the SEG field trips run with the August 27-30, 2022- Society of Economic Geologists Conference, Denver

October 28, 2022- Empire State Mine Tour. Members Eraklis, Wenwei, Valeria, Shouchun, Guntae, and Professor Larry Cathles traveled to Empire State Zinc Mine in Gouverneur, NY. They went on a mine tour and saw some awesome fluorescent minerals.



3. Organization of conferences, workshops, short courses (theme, number of participants, benefits for students)

April 21, 2023- SEG Earth Day Symposium, Virtual Event hosted by Cornell SEG

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4. Participation in conferences, workshops, short courses (theme, number of participants from the chapter, benefits for students)

- a. August 27-30, 2022 Society of Economic Geologists Conference, Denver, attended in person by Eraklis and online by member Shouchun Yu.
- b. August 25, 2023 Society of Economic Geologist Critical Minerals Workshop. Attended in person by Valeria Nogales.
- c. August 26-29, 2023 Society of Economic Geologists Conference, London. Attended in person by Valeria Nogales. Valeria also presented a poster on her research on the Unconventional Mineral Resource Potential in a Low-Temperature Geothermal System



5. Future plans

Our regular meetings will be every other week at Snee 2159 at 4:30 p.m. in Snee Hall at Cornell University. We are planning field trips to Sterling Hill Mine and Lackawanna coal mine. We are planning to outreach to other chapters nearby and invite more speakers to our regular meeting. We also will read economic geology papers and discuss them together.