



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 10/2022 (mm/yyyy) – To 10/2023 (mm/yyyy)

STUDENT CHAPTER:

Check if update needed at segweb.org

Name: University of Helsinki SEG Student Chapter

University Affiliation: _____

Mailing Address: Faculty of Science, Department of Geosciences and Geography, P.O. Box 64 (Gustaf Hällströmin katu 2) 00014 University of Helsinki, Finland

Dedicated E-mail: seghelsinki@gmail.com

Website: _____

Logo: _____

Facebook: University of Helsinki SEG Student Chapter

Twitter: _____

Instagram: _____

LinkedIn: University of Helsinki SEG Student Chapter

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: Lauri Malinen lauri.malinen@helsinki.fi
Name E-mail

VicePresident: Valter Vilander valter.vilander@helsinki.fi
Name E-mail

Secretary: Konsta Pitkänen konsta.pitkanen@helsinki.fi
Name E-mail

Treasurer: Max Renlund max.renlund@helsinki.fi
Name E-mail

Chapter Academic Sponsor: Check if SEG Fellowship in good standing

Petri T. Peltonen petri.t.peltonen@helsinki.fi
Name E-mail Phone

Address _____ Fax _____

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

Pasi K. Eilu pasi.eilu@gtk.fi
Name E-mail Phone

Address _____ Fax _____

Sponsoring Institution or Company(name): _____

List of Student Members active during reporting timeframe

Lauri Malinen*

Valter Vilander*

Konsta Pitkänen*

Max Renlund*

Leo Vuojolainen

Daniel Nemeläinen

Eetu Rimpiläinen

Pirkko Lund

Jasmiina Tuomiranta

Antti Tynjälä

Alfredo Nittolo

Marja Tuomainen

Artur Tvauri

Mikko Hanski

Jaakko Puntalo

Kauri Kolehmainen

Suvi Erhovaara

Isabel McDonald

Liisa Maunu - Graduated

Juan Diaz Carreno

Ioannis Chatzigiakoumis

* = Board member



Student Chapter Annual Report, October 2022 - 2023

Summary

Our academic year began with several student events where we had a perfect opportunity to introduce our student chapter and its purpose to both newer and older students. Over the academic year regular meetings were kept organizing future activity. In round II of 2022, we applied for the Stewart R. Wallace Fund, securing \$750 for a mine excursion in November 2022. From November 10th to 12th, we visited two mines: an active open-pit mine operated by Terrafame and the historical Outokumpu mine. A total of 16 students participated in this excursion.

Chapter members actively engaged in economic geology-related courses and events, resulting in a high level of employability among our members. Networking events played a crucial role in this success. We also ordered geologist field equipment, which we sold on behalf of the SEG student chapter to students in Spring 2023.

In September 2023, discussions with geology students from Oulu have been ongoing, with the intention of collaborating on joint excursions and events in the future.

New chapter board is going to be elected on October 11th and the new board will be operating November 1st, 2023.

Activities

Regular Meetings

The SEG board held monthly meetings throughout the academic year to discuss upcoming events and chapter matters, welcoming both chapter members and non-members for new activity suggestions and networking opportunities.

Courses & Lectures

In the academic year 2022-2023, we were involved organizing or actively took part in various economic geology-related courses and lectures, including:

- A course on "Mineral Economics" by Petri Peltonen in September 2022 at the University of Helsinki.



- A lecture titled "Bottlenecks of Green Transition" by Simon Michaux from GTK in September 2022.
- A short course on "Ultramafic-Mafic Magmatism and Ore-Forming Processes" by Tapio Halkoaho from GTK in Spring 2023.
- A course on "Geology of Ore Deposits and Ore Mineralogy" by Petri Peltonen in Spring 2023. Pasi Eilu had multiple lectures on gold deposits within the course.
- A "3D Geological Modelling" course organized by SEG student chapter member Isabel McDonald.

Future Geo-Expert Networking Event

We actively participated in planning a networking event hosted by the University of Helsinki Geosciences and Geography department. The event, held on February 9th, 2023, saw success for both students and companies, with numerous students making valuable industry connections. Some of the chapter members ended up working the next Summer in some of the companies which participated.

Student Employability

Many students, including chapter members, secured employment in exploration and mining companies during Summer 2023. This involved tasks like outcrop mapping, sampling, drill core logging, and more. We actively disseminated job offers from mining companies to benefit our student members.

Terrafame and Outokumpu Excursion

Our chapter organized a successful excursion to the Talvivaara active mine and Outokumpu historical mine in Eastern Finland from November 10th to November 12th. Sixteen students participated, with transportation provided by the University of Helsinki. Highlights included insightful presentations, networking with industry professionals, and career opportunities for students.

Budget and Stewart R. Wallace Fund

We applied received \$750 from the Stewart R. Wallace Fund for the excursion, which took place between November 10th and November 12th, 2023. Total expenses amounted to \$1,314, different expenses itemized in Table 1. The remaining expenses were covered by previously acquired funding from the K.H. Renlund Foundation to encourage participation in future excursions.



University of Helsinki SEG student chapter
Annual report – 2022-2023

Table 1. Specified costs of the excursion.

BUDGET		
Category	Total price (€)	Total price (\$)
Cabin x2	640	627.2
Outokumpu Old Mine entrance fee	64	62.72
Outokumpu Old Mine guided tour	120	117.6
Gas for the van x2	490	480.2
Total	1314	1287.72

Geologist field equipment

In Spring 2023, we ordered geologist field equipment, which included 40 hand lenses, 30 scribes, 20 magnetic pens, and 10 field notebooks. Most of the equipment was sold, with only a few extras remaining for future sales. This initiative not only increased the visibility of the chapter but also provided valuable equipment for those who purchased it, which proved useful during the subsequent summer fieldwork.

Other activities with Geology Students

We organized traditional Finnish student association events, such as picnics and sauna nights, to enhance our visibility among geology students. Additionally, we introduced chapter logo badges for overalls, a significant aspect of Finnish student culture.

Future Plans

We are working on establishing our own website to serve as an additional channel for sharing information about upcoming events and industry opportunities.

Many of our members will join the geology student organization Vasara Ry for an excursion to Southwestern USA in October and November. We attempted to collaborate with the Reno and Las Vegas Nevada SEG student chapters for a joint activity during the excursions, without any answer.

We have initiated contact with geology students in Oulu who are interested in participating in our future events, considering their closer ties to the mining and exploration industry in Finland.

The student chapter remains committed to engaging geology students interested in economic geology and encouraging their participation in SEG activities.