



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

STUDENT CHAPTER:

Check if update
needed at segweb.org

Name: UFRRJ SEG Student Chapter

University Affiliation: Universidade Federal Rural do Rio de Janeiro

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Logo: _____

Facebook: https://www.facebook.com/ufruralrjseg

Twitter: _____

Instagram: @segufrralrj

LinkedIn: https://www.linkedin.com/in/seg-ufruralrj-student-chapter/

YouTube: https://www.youtube.com/channel/UCPwFfk1RUGa2-BsWBGf1ag

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:	<u>Livia Oliveira dos Santos</u> Name	<u>oliveiralivvia2016@gmail.com</u> E-mail
VicePresident:	<u>Luana Maira Brito Gomes</u> Name	<u>luanabritoufruralrj@gmail.com</u> E-mail
Secretary:	<u>Sabrina da Silva Ribeiro Rodrigues</u> Name	<u>saabrinaroodrigues3@gmail.com</u> E-mail
Treasurer:	<u>Miqueli de Souza Cândido</u> Name	<u>miqsouzacandido@gmail.com</u> E-mail

Chapter Academic Sponsor:

Check if SEG Fellowship in good standing

Francisco José da Silva fjosilva@ufrj.br
Name E-mail Phone
Rodovia BR 465, Km 07, s/n Zona Rural, Seropédica - RJ
Address Fax

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

Eduardo Duarte Marques eduardo.marquez@cprm.gov.br 553186190862
Name E-mail Phone
Avenida Brasil, 1731 - Funcionários, Belo Horizonte - MG
Address Fax

Sponsoring Institution or Company(name): CPRM - Serviço Geológico do Brasil



The Society of Economic Geologists (SEG).

2023

ANNUAL REPORT

UFRuralRJ SEG Student Chapter

Committee

Livia Oliveira dos Santos,
President

Luana Maira Brito Gomes, Vice-
President

Sabrina da Silva Ribeiro
Rodrigues, Secretary

Miqueli de Souza Cândido,
Treasure

Other Executive Members 2022/2023:

Ruth Duarte da Silva Pinto

Tiago da Silva Borges

Maria Clara Lira Santos

Heloísa de Azevedo Pereira

Helena Ganimi Braz Gonçalves

Lara Evelyn de Lima da Pascoa

Academic Sponsor:

Francisco José da Silva

Industry Sponsor:

Eduardo Duarte Marques

INTRODUCTION

The UFRRJ Student Chapter from the Federal Rural University of Rio de Janeiro (UFRRJ) was founded in mid 2017. Since then, the group has been mentored by the academic sponsor, Francisco Silva (UFRRJ), and the industry sponsor, Eduardo Duarte Marques (CPRM). During the last year the chapter has gained new members. The Chapter Committee aims to keep all members active through regular meetings and the goal has been to show the importance of economic geology to the academic community with various activities such as lectures, short courses, technical visits, extension activities, among others. And also maintain an up-to date dissemination about the theme and developed activities through social media like Facebook and Instagram pages.

ACTIVITIES - UFRuralRJ SEG STUDENT CHAPTER 2022 REGULAR MEETINGS

Regular Meetings

The group organizes regular meetings to define management objectives and goals, in addition to planning the chapter's activities. During these meetings, the group discusses ideas and planned tasks for each member.

Events

- **Lecture on CVs**

On March 26, 2023, UFRuralRJ SEG S.C organized a lecture on how to prepare an efficient and attractive CV. The CV is a document that introduces the candidate to the company, and is the first contact with the employee who provides the vacancy on the job market. So it's a great opportunity to make a good first impression.

The lecture was offered by Irene Shiba, graduated in IS by PUC Campinas and post-graduating in Pedagogy. She is a PMO collaborator and consultant in the diversity committee in the Cia de Talentos Group.

The lecture took place remotely, through the Google Meet platform, and gathered 30 students, among them freshmen and seniors.

- **Student Associates SA Program**

Between April and May took place the training for the Leapfrog - 3D Geological Modeling, a software for 3D subsurface modeling, resource estimation, model auditability and tracking, and collaborative technologies.

The company Seequent created the Student Associates SA Program, which was responsible for training active SEG Student Chapters from all over Brazil.

Leapfrog Geo software licenses were made available for two members of our student chapter, Luana Brito and Ruth Garcia. The course took place remotely through the Microsoft Teams.



- **SEG UFRuralRJ School Activity**

On May 9, 2023, our academic sponsor Francisco Silva gave a lecture at the Charles Chaplin State School as an extension activity of the student chapter.

The theme of the lecture was mineral resources and their importance in everyday life. This is a way of connecting the university to society, bringing knowledge to high school students and raising important questions about geology and its importance.



- **Selective Process**

As the student chapter requires new activities, it was necessary to open a selection process for logistics and media positions.

We therefore publicized the opportunity on our social networks in an attempt to attract geology students from the Federal Rural University of Rio de Janeiro who have an interest in mining.

The first step in the selection process was to fill in an online form, in which candidates provided information about themselves and talked about their reasons for joining the student chapter.

The second step was to conduct interviews with all the candidates. This was a crucial stage in understanding the profile of each of them, as well as their objectives and affinities.

After the interviews, the chapter members held a meeting and reached a consensus on the selected candidates.



- **Python Introduction**

One of the objectives of the student chapter is to recognize the demands of the mining market and prepare students to meet them. So from August 8th to 16th, the chapter offered a mini-course on Introduction to Python, which was given by Patrick Gomes, an economics student at UFRRJ and data scientist.

Students and professionals were able to register for the mini-course, which allowed the chapter to reach people from various states in Brazil. To cater for everyone, the event took place remotely through the Google Meet platform.

The syllabus for the minicourse consisted of:

1. Texts and mathematical operations;
2. Data structures;
3. Conditionals;
4. Repetition;
5. Functions;
6. Introduction to data analysis;
7. Maps in Python 1;
8. Maps in Python 2.

The course brought together 20 participants and raised a total of R\$600.00.



• 5th Brazilian Metallogeny Symposium

The 5th Brazilian Metallogeny Symposium will be held in Gramado-RS from October 1st to 4th. This year's theme is: "Academia and the mineral industry: partnership for the development of society". As stated by the organizers, "The event provides an environment for discussions on the latest advances in mineral research, including conceptual and technological innovations that have an impact on the knowledge of mineral deposits and exploration." As a collaboration between the student chapters, one free registration was offered for a listener and another to act as a monitor. Thus, two members of our chapter will be present to network and expand their knowledge.

• National Week of Science and Technology

On October 17th, the Student Chapter will be present at the 20th edition of the National Technology Week, addressing the role of mining in the energy transition. The objective is to explain in everyday and easily understandable terms about this transition, which is the shift from the predominant use of fossil fuels to cleaner and renewable energy sources, which consequently help mitigate climate change and reduce dependence on non-renewable fuels.

Additionally, the importance of mining in making this process possible will also be discussed, as it provides the minerals and metals necessary for facilitating this transition. In this regard, we will showcase samples of minerals used in various types of everyday electronics and share interesting facts about the entire topic.

- **Lecture week**

The UFRuralRJ SEG Student chapter plans to hold its first online lecture event between November 13 and 17. This initiative arose from the need to discuss topics such as energy transition, sustainability and evolution within mining. Therefore, we are working to offer this event to a wide audience through online platforms, seeking to capture from undergraduate students to professionals working in the market. We are currently looking for speakers and will begin publicizing our project in October.



Financial Report UFRuralRJ SEG Student Chapter

To boost the finances of our student chapter, we organize mini-courses throughout the year, as well as monetary investments. In this way, we were able to grow our cash flow, which made it possible to invest in materials for the UFRuralRJ SEG SC, as well as offering financial aid to members who will be attending the symposium.

2023 Finance - UFRuralRJ SEG SC		
	RS	US\$
Current Balance: 20/12/2022	\$4.542,29	\$881,48
August: Python Introduction	\$600,00	\$122
September - Raffle Tickets	\$1.095,00	\$217,57
Monetary investments	\$362,21	\$73,38
Current Balance: 20/12/2022	\$4.542,29	\$881,48