



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 January 2021 (mm/yyyy) – To December 2021 (mm/yyyy)

STUDENT CHAPTER:

Check if update needed at segweb.org

Name: SEG Student Chapter - University of Pamplona

University Affiliation: University of Pamplona

Mailing Address: Autopista Internacional Vía Los Álamos Villa Antigua Villa del Rosario - Norte de Santander

Dedicated E-mail: seg_unipamplona@hotmail.com

Website: _____

Logo: _____

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

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: Enmanuel Arias Sandoval enmanuel_3333@hotmail.com
Name E-mail

VicePresident: María José Garay Paez mariamahouseinegima@gmail.com
Name E-mail

Secretary: Liseth Andrea Castellanos Cortés liancortes0@gmail.com
Name E-mail

Treasurer: Yuliana Paola Patiño Caicedo yuliana.patino@unipamplona.edu.co
Name E-mail

Chapter Academic Sponsor: Check if SEG Fellowship in good standing

Oscar Mauricio Castellanos Alarcón oscarmca69@outlook.es +573164308452
Name E-mail Phone

Calle 15 AN #17E - 51 Barrio Niza, Cúcuta (Norte de Santander) Colombia
Address Fax

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

Marco Antonio Nieto Patarroyo marco.nieto@mpxgeo.com +16472831945
Name E-mail Phone

5195 Highway 26 E, Canadá
Address Fax

Sponsoring Institution or Company(name): MPX GEOPHYSICS



SEG STUDENT CHAPTER UNIVERSIDAD DE PAMPLONA Annual Report 2021

Student Chapter Executive Committee:

President:	Enmanuel Arias Sandoval. Enmanuel_3333@hotmail.com
Vicepresident:	María José Garay Paez. marimahouseinsegima@gmail.com
Secretary:	Liseth Andrea Castellanos Cortés liancortes0@gmail.com
Treasurer:	Yuliana Paola Patiño Caicedo yuliana.patino@unipamplona.edu.co

Student Chapter member list / Name (ID):

- | | |
|--------------------------------------|----------------------------------|
| 1. Enmanuel Arias Sandoval* | 17. Karla Zaray Niño Ortega |
| 2. María José Garay Paez* | 18. Liliana M. Perez Hernandez |
| 3. Liseth Castellanos Cortés* | 19. Julio Cesar Florez Cañizares |
| 4. Yuliana Patiño Caicedo* | 20. Hugo A. Jaimes Jimenez |
| 5. Karen Dayana Ortiz Trigos | 21. Ingrid Natalia Perez Ibarra |
| 6. Daniela Manrique Acevedo | 22. Mayra A. Moncayo Ortega |
| 7. Alex N. Reina Cisneros | 23. Lina V. Niño Cristancho |
| 8. Yulitza A. Parada Rivera | 24. Cristian Arismendi Matajira |
| 9. William A. Rincón Pabon | 25. Gineth Castillo Mongui |
| 10. Nicolas Alexander Guzman Montoya | 26. Andres G. Perez Castro |
| 11. Heydy Peñaloza Gutierrez | 27. Jean Carlos Torres Poveda |
| 12. Amadys Y. Parra Carrillo | 28. Daniela Hernández Villamizar |
| 13. Leidy P. Laguado Carrillo | 29. María Fernanda Carreño |
| 14. Jorge A. Triana Meza | 30. Danna Valentina Robayo |
| 15. Laura Velasquez Guitierrez | 31. Henry Leandro Torres |
| 16. Andrea J. Suarez Godoy | 32. José Miguel Fino Galves |

*SEG Student Members active during 2021

Academic Advisors

Dr. Oscar Mauricio Castellanos Alarcón
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Department of Basic Sciences
Universidad de Pamplona
Villa del Rosario, Norte de Santander.

Industry Advisor

Marco Antonio Nieto Patarroyo
marco.nieto@mpxgeo.com
Toronto, Canadá

Summary of Activities (November – December 2019):

The activities carried out during 2021 were mainly online, using platforms such as Zomm and Google Meet, due to the continuity of the health emergency produced by covid-19.

1. Regular meetings:

Regular meetings were held monthly with the members of the chapter with the purpose of organizing different activities of the chapter, discussing future plans, courses and future field trip.

2. Event organization:

- **Workshop identification of rocks and minerals:**

The Student Chapter of the Society of Economic Geologists of the University of Pamplona, made a workshop on the identification of rocks and minerals, aimed at students who due to the pandemic of covid 19 did not have the opportunity to be in direct contact with the different types of rocks and minerals.



Figure 1. Workshop identification of rocks and minerals.

- **Conferences:**

“Mineralizaciones de Pb-Cu-Zn en la Cordillera Oriental, Macizo de Santander, sur SNSM”

Dictated by: Daniel Prieto.
Date: September 30th, 2021.



Figure 2. Conference by Daniel Prieto.

- **Short courses**

“Fundamentos del reporte de recursos minerales – Estándar Colombiano de recursos y reservas Capítulo 3.3”

Dictated by: Marco Nieto
Date: October 16th, 2021.

**Fundamentos del Reporte de Recursos
 Minerales - Estándar Colombiano de Recursos
 y Reservas, Capítulo 3.3.**

16 de Octubre 2021



MSc. Marco Nieto
 Máster en Geofísica de la Universidad de Western Ontario (Canadá).
 MBA en la Universidad Internacional de La Rioja (España).

Temática:

- Integración de la información.
- Interpretación Geológica.
- Técnicas de Estimación y Modelamiento.
- Metales Equivalentes.
- Factores Modificadores.
- Factores Mineros.
- Estimación del Recurso Mineral.
- Costos y Rentabilidad.
- Auditorías.

1:00 p.m. - 5:00 p.m.
 Estudiantes: \$25.000
 Profesionales: \$50.000

CURSO CORTO 4 HORAS

 **SEG Student Chapter Unipamplona**

Figure 3. Short course by Marco Nieto.

3. Exchange field trip

A member of the student chapter SEG Unipamplona participated in a field trip of the student chapter SEG Unal, establishing the beginning of a relationship between the two chapters.



Figure 4. Participation in field trip of the student chapter SEG Unal.

4. 2 Economic Geology Journey:

The student chapter of the SEG held the event of the second day of economic geology from December 1 -2, in which 9 speakers from countries such as Colombia, Chile and Argentina were presented. This event was a success, due to the audience of at least 30 people per presentation and from different countries. We look forward to continuing to carry out this type of event.



Figure 5. 2 Economic Geology Journey.

Schedule:

Date	Hour	Conference	Speaker
01/12/2021	9:00 a.m.	Análisis proximal, petrográfico y de facies de los carbones del eoceno en la Faja Plegada y corrida de Magallanes; Andes Patagónicos, Chile.	MSc. Edgar Sanmiguel
01/12/2021	10:00 a.m.	Evolución tectónica y depósitos minerales. Contexto tectónico-metalogénico del territorio Colombiano.	MSc. Julián López Isaza
01/12/2021	2:00 p.m.	DE LA CIENCIA GEOLÓGICA BÁSICA A LA APLICADA: UN CASO DE ESTUDIO	PhD. Jesús Roberto Vidal



SOBRE LOS DEPÓSITOS DE PERLITA DEL NW DE MÉXICO.

01/12/2021	3:00 p.m.	Franjas Metalogénicas de depósitos epitermales - Cenozoico, Chile	BSc. Carlos Asenjo
01/12/2021	4:00 p.m.	EL EMPLAZAMIENTO DE MINERALIZACIÓN EN AMBIENTES DILATANTES SINTECTÓNICOS	PhD. Eduardo Rossello
02/12/2021	8:00 a.m.	Método Hiperespectral aerotransportado para exploración de depósitos metálicos.	MSc. Marco Nieto
02/12/2021	9:00 a.m.	Energía geotérmica: una alternativa ante la crisis energética en el mundo	MSc. Robinson Quintero
02/12/2021	10:00 a.m.	Metales críticos: desde una visión global a geoquímica aplicada.	MSc. Olivia Mejias Gonzáles
02/12/2021	11:00 a.m.	Geología y minería vs la realidad económica, social y política de Colombia.	PhD. Oswaldo Ordóñez

5. Future plans:

We plan to continue with the formal meetings in order to plan and carry out more activities such as conferences, workshops, short courses to link more students to the chapter. We also plan to establish a line of study on a specific topic of economic geology.

During 2022 we plan to carry out the pending field trip with funds from Round I Stewart R Wallace 2018.