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COVER LETTER

June Olth, 2018.
Mona Vandervoort
Education Coordinator Society for Mining, Metallurgy and Exploration 12999 E. Adam Aircraft Circle.
Englewood, CO 80112.
Dear Mona,

It is an honor for me to present the 2019 annual report of the Escuela Politécnica del Litoral (ESPOL), Student Chapter of the Mining, Metallurgy and Exploration Society. During the last year, the Student Chapter in the Presidency: Roberto Moncayo leaves the board of directors, being Geovanny Wladimir who assumes the leadership as President. The Student Chapter has maintained its usual outstanding performance of the last four years.

The activities of the Student Chapter go beyond the ESPOL Campus, since it was possible to contact students from other universities in Ecuador that offer Mining Engineering programs. Event of this, there were several talks organized in ESPOL at the beginning of October (Mining Day) and for the second time the Congress of Ecuadorian mining students ECUAMINING in February, with the presence of the Ministry of the sector and public entities.

In addition, the board has been organizing several courses and technical seminars, not only for engineering students, but also for civil, geological and other undergraduate programs. With these activities, the Student Chapter is committed to learning about life, as well as obtaining funds for their activities.

Accept this annual chapter report for SME ESPOL students that details the performance of our students. This report shows that our students are involved in a country that goes from an extractive model to an extractive model with an added value in the exploitation of mineral resources.

To be honest

Sincerely,

FACULTY SPONSOR
SME- ESPOL Student Chapter 2019
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EXECUTIVE SUMMARY

Escuela Superior Politécnica del Litoral Student Chapter was created in January 2015, with the support of Peru Local Section, becoming the first SME student chapter in Ecuador.

2019-2020 period was a year of great achievements; where the number of members growth and was achieved an aproach to govern authorithies.

Our student members joined us for being part of academic and extracurricular activities, letting us the creation of commits, which improved planification and development of events and formation processes for the mining community.

The Ecuadorian mining industry has made great strides in recent years with the development of middle and great mining, with the arriving of multinational companies, which are more consolidated, and with a new mining frontier, which implies a new challenge for students, professionals and professors in the mining industry. For that we are compromised to develop skills that let us to challenge actual problems in the industry.

Thanks to the tools that SME offer to us, we are updated and connected with the latest advances in the industry.

New goals are established each year and as part of SME ESPOL Student Chapter, seek the growth and continuous development of the chapter and the industry.
PRESIDENT’S REPORT

I am proud to have been part of the SME-ESPOL student chapter having been President of the Mining career. Has helped me to enhance my levels of leadership and empathy, useful tools that I will keep with me and that will become key to my development in the work environment and as a person.

It is certainly gratifying have made a great contribution both to my profession and to student society.

I want to thank the support of all the authorities and institutions that are related to mining and in the academic matter of it. On behalf of the entire SME-ESPOL 2019-2020 team (Ricardo Guijarro/Vice President, Andres Diaz/Treasurer and Denisse Quimi/Secretary) I am pleased to express this joy of having been part of this great SME professional society and undoubtedly this lived experience will always leave a mark on us.
VICE PRESIDENT’S REPORT

Be part of a team, which more than colleagues become friends. The path in the course of the experience lived within the SME-ESPOL, I present a growth as a person and professional.

Among the proposed objectives, he was working on developing relationships between colleagues and linking students at all levels. I feel that we have greatly managed to foster integration between colleagues and create a bond of friendship in several cases.

I thank everyone for trusting our team and if they were left empty, the new directive will certainly be able to deal with these weaknesses and work for a common good.
TREASURER’S REPORT

In the 2019-2020 period, the SME-ESPOL student chapter, has been possible to achieve all the activities that were proposed, with an important attendance of people from the university itself and other universities.
We were able to captivate not only people from the Mining career Engineering, but related students and professionals such as Geology and Civil Engineering.
In this period, some doors were opened as the field spread, bringing students closer together.
professionals who work in mining companies, the association of mining engineers and also with mining political entities.
Almost all the activities were carried out, with discounts and prices that help the attendance of the students.
But not only courses, integration activities such as sporting events, fundraising sales, etc.
In closing, I wish to ratify the honor that I have felt as part of the student chapter, during this period and since I am a member
All that was carried out was the faithful wish of a group of future professionals who, in a small but firm rhythm, leading the country towards a developed, technical, and responsible mining, in the interest of Progress of our country.
SECRETARY’S REPORT

During the period of management of the SME board of directors ESPOL 2019 - 2020, it has been possible to inculcate all members the greatest interest in participating in academic events related to the career of Mining Engineering, and this has been the key for the chapter to have greater adepts in the last period.

The management of academic activities was never easy but with the members help and other interested people of similar careers it was possible to achieve them.

Acquiring knowledge outside a classroom is very important, because in this we practice the theory learned in classrooms before, and that is why we managed technical visits to companies related to mining.
ACTIVITIES REPORT

STUDENT MEETINGS, COURSES AND SEMINARS

COURSE OF ROCK MECHANICS

On the days of 8 and 9 of July, they was performed this course, dictated by the engineer Kevin Duque. Introducing basic concepts of Geomechanics and putting a prove the students with a real practice in the field, both theory and practice it was a complete experience for assistants.

The content of the course was:
- Introduction of rock mechanics and its application
- Rock mass structures and characterization
- Support and fortification
- Types of geological faults
- Stereographic projections
- Data collection in the field
On September 27, the FICT Novice Induction, conducted by the student clubs of the Engineering Faculty in Earth Sciences, was held on the ESPOL campus. The objective of this activity was to inform the novices about the details and development of the Mine Engineering degree and the student chapter in Espol. The theme of the event was Superheroes.
On April 16 and 17, 2019, it was held at the metropolitan convention center in Quito; the annual national and international mining technology event “EXPOMINAS”, where SME ESPOL tried to influence by means of exhibitions and certain talks about our university and how necessary it is the educational aspect in future mining country.
EXPO-GEOCIENCIA 2019

On 14 and 15 of August, The SME-ESPOL directive and members of the chapter made known to young people from different schools in Guayaquil, the importance of mining in the daily life of each person and the progress and appropriate procedures to develop a responsible mining. Educational and recreational activities were developed.

Members and students try to simulate an excavation tunnel in a mine and with scale models of an open pit or a underground mine to show how the things works on a mine as you can see in the photos.
In order to improve the socialization environment and improve the study environment, SME ESPOL 2019 took the decision through donations in mining industries acquired by our holder "Business Manager", Francisco Heras. Start remodeling the association. Where a total change was made in it. Since it was handed over, in a horrific state and having our offices in such a state did not symbolize what our board of directors was driving was empathy and the formation of strong bonds between future professionals.
A project was formed to participate in the Minexchange International Event, promoted by SME in the movement of responsible influence Minera "Movemining". The competition consisted of forming a project that would help society to have a better perspective and at the same time develop responsible mining. Of which 30 international teams participated and "Wondermine" was among the 5 finalists and were invited to Arizona, Phoenix. To give an open presentation to the representatives of "Movemining" to know which would be the winning project of the event.