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June 02, 2019. Mona Vandervoort
Education Coordinator Society for Mining, Metallurgy and Exploration 12999 E. Adam Aircraft Circle. Englewood, CO 80112.
Dear Mona,

It is my honor to present to you the 2018 Annual report of the Universidad Central del Ecuador (UCE), Student Chapter of the Society for Mining, Metallurgy and Exploration. During this first year Luis Noboa took over the leadership as President, in his administration the Student Chapter has maintained its outstanding performance in the first year.

The activities of the Student Chapter were directed towards the professional development of the members, until now, the basis of our work, was the implementation of training courses in the field of mining and geology. Among the main courses and seminars, the "Gemcom Mining Software Specialized Course" was held in the facilities of the Faculty of Engineering in Geology and the Mining - Academic Technical Days in May, with the presence of Assembly woman Patricia Henriquez.

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

Please accept this annual chapter report of SME-UCE students that details our performance. This report shows that our students are involved in the development the mining field in our country that goes from an extractive model to an development economic model with an added value in the exploitation of mineral resources.

Sincerely,

Eng. Danny Burbano

FACULTY SPONSOR
SME-UCE Student Chapter 2018-2019
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SME-UCE 2018
EXECUTIVE SUMMARY

**Universidad Central del Ecuador Student Chapter was created in January 2018, with the support of Peru Local Section, becoming the first SME student chapter in Quito-Ecuador.**

Each day the SME has increased its presence in our country, through the formation of Student Chapters in different towns like Cuenca and Guayaquil in previous years, highlights that have strengthened academy and industry through links created between institutions.

2018-2019 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 committees, 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 the 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 lastest advances in the industry.

New goals are established each year and we are working as a SME-UCE Student Chapter, searching the growth and continuous development of the chapter and the industry.
PRESIDENT’S REPORT

In this last year we have created the SME-UCE Student Chapter with 15 students of mining engineering in Quito city. For this period 2018-2019, I was president and for all this time it has been an honor.

I decided to postulate as president knowing what it implies to lead a group, for that, our objective as a team was to attract new members and involve them in each activity. It was really gratifying, and this first year SME-UCE has grown noticeably and has consolidated its management processes, thanks to the external support of authorities and institutions related to mining industry. We achieved to cultivate a relationship with the National Assembly of Ecuador. In addition, we were able to foster a close relation with the Association of Mining Engineers of Ecuador (AIME), being René Ayala our Industry Sponsor.

This experience has been beyond gratifying due to the contributions to my academic and personal growth, it has allowed me to meet new people, to learn about new areas and share experiences and knowledge with the other members, professionals, authorities and representatives of other student chapters in the world, which has enriched me as a person.

I had the honor of being the founder of the student chapter SME-UCE, during this year, our student chapter were supported by Marisa Amico, representative of SME Latin America, who has collaborated on this path and whom we thanked immensely for her warmth and great openness.

In september of 2018, I and student member had the opportunity to attend to II Congress OMA – Expomina 2018 in Lima, Perú, of which we are very grateful, and we were able to extend ties with members, representatives and professionals from other countries of SME and other organizations. To know closely the advances and opportunities that the mining industry offers us today, it was very pleasant, to share this experience with the members of the chapter and encourage them to participate and participate in such an important event. Our goal as students and future professionals of the mining industry is to foster relationships with other individuals in mining communities all over the world.
A new period will begin and I am sure they will perform an excellent job. The goal is to encourage a more active student chapter and have a greater community approach to the mining field.

Sincerely,

* Luis Alcides Noboa Tapia  
  PRESIDENT  
  SME- UCE Student Chapter 2018-2019
VICEPRESIDENT’S REPORT

Being part of the first directive of SME UCE STUDENT CHAPTER was a great experience where I grew as a person, as a student and as a professional, I learned to organize with my fellow students and work together to start projects that positively influence the career and College.

Among the activities carried out I highlight the creation of the student chapter with 15 members and at the end of the period we have 18 new members, in the same way I helped to promote the mining training courses where it focused on the management of design softwares.

The accomplishment of the Technical Mining Academic Days was an advance within the academy and of the industry, we counted on the presence of exhibitors of high level, professors and geological companies - mining of the sector. The participation of Assemblywoman Patricia Henriquez extolled the Inauguration event where a conversation was held on the Reform of the Ecuadorian Mining Law where she is part of the legislators that modify it, in this way our criteria as students was heard within the Assembly National.

In the social field, we collaborated with the Association of students of the Figempa for Christmas entertainment for children and young people influenced by mining activities.

Having the opportunity to represent the SME-UCE student chapter in several national and international events was personally rewarding and I hope that other members can do so in the future.

I want to express my gratitude to the School of Mines of the Central University of Ecuador, to the AIME (Association of Mining Engineers of Ecuador), to the public and private companies of the geological - mining sector, to our Faculty Sponsor Eng. Danny Burbano, Section Counselor Eng. Rene Ayala and especially to the members of the student chapter who thanks to their contribution, dedication and organization could carry out the proposed objectives and create goals that are planned to reach in the future.

Finally, I appreciate the confidence of all those who have supported this directive and I predict success for the next directive and for the SME-UCE student chapter.

Sincerely,

Dangela Maribel Toqueton Tacoaman

VICEPRESIDENT
SME- UCE Student Chapter 2018-2019
TREASURER’S REPORT

In the period 2018-2019, the formation of the student chapter and in turn the increase of members was achieved. For the realization of the different activities, financing was an obstacle, but they were always successful.

The student chapter of SME-UCE has always had the difficult task of accessing funds. One of the methods that provided accessible financing was to offer discounts on the courses for people who enroll in the chapter and to make arrangements with various engineers to obtain funds.

The most important course was "Specialized course in mining software GEMCOM" taught by Engineer Ruben Robles, where he was able to count on the support of our Faculty Sponsor, for the realization of this course; several discounts were offered, either by being a member or through payment options. Another of the most important courses was the "Topography with drones applied to mining", thanks to this course we have obtained funds for our next courses and events.

Our greatest achievement this year was to be part of the "CONVERSATION OF THE REFORM OF THE ORGANIC LAW OF MINES", being the first approach with the Ecuadorian Assembly, with the participation of Assemblywoman Patricia Henriquez, being a totally free event. Achieving this has a greater impact on new mining students. And finalizing with the realization of "TECHNICAL ACADEMIC DAYS" realized during three days for the enrichment of knowledge.

Sincerely,

Dayana Belén Díaz Pazmiño
TREASURER
SME- UCE Student Chapter 2018-2019
ACTIVITIES REPORT

STUDENT AND PROFESSIONAL MEETINGS

BE A SME STUDENT MEMBER!

To start our activities, a meeting was held with the students of Mining and Geology Engineering, presenting the directive and giving them the benefits that the SME provides, as well as the planning of the activities for the 2018-2019 period. We also answered some questions and received suggestions from the students. This meeting was attended by young people from different levels of the career who showed their interest in joining SME.

On November 29, the UCE Student Chapter organized together with AIME and our University, the first Plantón en Defensa del Sector Minero, where participated Student Chapters from Cuenca and Guayaquil, professionals, universities, companies and workers of mining industry.
COURSES, SEMINARS

SPECIALIZED COURSE IN MINING SOFTWARE GEMCOM

On April 03 started the specialized course in mining software GEMCOM taught by Engineer Ruben Robles from Chile. The course had a theoretical section and later learn to use the mining software.

The specialized course in mining ended on May 03.
I TECHNICAL MINING CONFERENCES

The first edition of Technical Mining Conferences was developed on may. This magistral conferences were divided in 4 days on may with the participation of professionals, students, companies and others.
First Day: Discussion of the reform of the Organic Law of Mines

On May 06 started the first day of Technical Mining Conferences, in this first day was developed the Discussion of the reform of the Organic Law of Mines with the participation of Assemblymember Patricia Henríquez Jaime.
Fourth Day: I TECHNICAL MINING CONFERENCES

On May 29 started the fourth day of Technical Mining Conferences, in this last day the letters and certificates of welcome were given to the SME-UCE members.
FUTURE COURSES, SEMINARS

PHOTOGRAMMETRY WITH DRONES APPLIED TO MINING

TECHNICAL CONFERENCES FOR THE WORLD ENVIRONMENT DAY

SOCIAL ACTIVITIES

As part of our program of connection with society, the SME participated in the Christmas feast in several low-income communities, places where candies were delivered to children.
INTERNACIONAL CONGRESS

II CONGRESS OMA – EXPOMINA 2018 IN LIMA, PERÚ

On september 2018, two members of SME-UCE participated in the II Congress OMA – Expomina 2018 in Lima, Perú, we were able to extend ties with members, representatives and professionals from other countries of SME and other organizations.
On September 2018, three members of SME-UCE participated in the VIII Congress CONAEINGEO 2018, in Cerro de Pasco, Perú, we were able to extend ties with members, representatives and professionals from other countries of SME and other organizations.
TECHNICAL VISITS AND FIELDTRIPS

TECHNICAL VISIT EMBLEMATIC MINING PROJECTS IN CHILE

On February 2019, three members of SME-UCE traveled to Chile to learn about emblematic mining projects, thanks to the help of Association of Mining Engineers of Ecuador (AIME) and René Ayala our Industry Sponsor.
On May 07, ten members of SME-UCE traveled to Guayaquil to learn about the different mining processes carried out in this company, thanks to the help of Association of Mining Engineers of Ecuador (AIME) and René Ayala our Industry Sponsor.