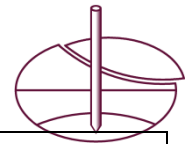




**ISSMGE FOUNDATION
REPORT ON CONFERENCE ATTENDANCE**

Your Name: Hamida Diab	Your Organization: University Badji Mokhtar Annaba – Algeria	Date of report: 03 July 2023
Conference Title: 9th International Congress on Environmental Geotechnics (9ICEG)	Location of Conference: Crete in Greece	Dates of Conference: 25-28 June 2023
What you learned: Interacting with many researchers who have been working on Resource Mining and Extraction, Tailings and mine wastes, was extremely useful for my research. After presenting my work, which was about the exploration and extraction of iron metal in North Africa, I had a fruitful discussion with professors and graduate students from different research groups in Greece, Germany, USA, and UK. My work was well received and acknowledged by the session moderator and the session attendees. However, it was also interesting to learn about the Tailing ponds, Acid mine drainage, and Heap leach pads. The lectures in this conference focused very well on the gap between practical problems and theoretical developments and highlighted how it is widening as more knowledge is accumulated. The powerful informative talks brought a nice summary of the limits that geotechnical engineering can reach with respect to problem solving. The conclusion drawn from the Session –ARTISANAL AND SMALL-SCALE MINING AND WASTE: GEOTECHNICAL AND GEOENVIRONMENTAL ASPECTS: organised by Pr. Joan M. Larrahondo and Pr. Sebastián Quintero Olaya, was contribute to the understanding of regional challenges that result from complex problems generated by ASM. Address geotechnical and geoenvironmental aspects of ASM and associated mining waste including, but not restricted to, ASM tailings behavior, ASM case studies, and management or remediation of contaminated ASM sites. Overall, the conference was very informative. There was plenty of networking opportunities that allowed me to meet new people.		
People you met: I had the opportunity to meet many people during this conference to name a few: Prof . Joan M. Larrahondo , Universidad Javeriana, Colombia Prof . Sebastián Quintero Olaya ; University of Queensland, Australia Prof. Abdelmalek Bouazza : Monash University, Australia Prof. Laloui Lyesse : EPFL, Switzerland Prof. Maria Eugênia Gimenez Boscov : University of São Paulo, Brazil Prof. Nikolaos Nikolaidis : Technical University of Crete, Greece		



Main features of conference:

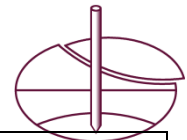
The theme of the 9th International Congress on Environmental Geotechnics (9ICEG) 2023 was “Addressing Global Challenges” aims to highlight the role that Environmental Geotechnics plays on addressing major societal challenges such as: Urbanization and Aging Infrastructure, Energy Security, Resource Scarcity and Preservation, Climate Change and Natural Hazards, Protecting Public Health, The Next Frontier: Living in extreme environments and Education & Post-truth Society.

Foster the dialogue between Geoenvironmental Engineering professionals and researchers envisioning sustainable infrastructure solutions for addressing global grand challenges.

Your comments on the conference:

The conference was very well organized. The location was nice in the town of Chania, a historic destination on the island of Crete in Greece. On the sandy beaches, next to monuments dating back to 5000 BC, in the “Imperial Congress Hall”, with state of the art facilities, the latest audio-visual equipment, comfort, high class decoration and cutting edge design.

The organisers were very welcoming; Researchers and practitioners met from various parts of the world and the keynote lectures in particular were very informative and captivating.



Please attach short report (maximum 400 words) suitable for publication in the ISSMGE Bulletin:

The 9th International Congress on Environmental Geotechnics (9ICEG) 2023 which is the premier conference series in Environmental Geotechnics under the auspices of the Technical Committee “Environmental Geotechnics” (TC215) of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) was held in the town of Chania - Crete in Greece.

More than 1300 scientists and specialists attended the Conference from different countries of the world.

The main Conference themes were:

- 1) LANDFILLING: Waste characterization and properties Stability & deformation of waste Geotechnical recycling and reuse of waste materials Construction and demolition wastes Dredged sediments Other solid wastes.
- 2) CONTAMINANT TRANSPORT AND FATE GEOENVIRONMENTAL LAND REMEDIATION: Degradation and attenuation Emerging contaminants Contaminated land and remediation technology In-situ remediation Off-site remediation, with New remediation technologies.
- 3) CLIMATE CHANGE IMPACT & MITIGATION: Greenhouse gas emissions and control Geoenvironmental risk assessment Sustainability Risk-based site evaluation and management.
- 4) GEO-ENERGY: Nuclear waste CO₂ sequestration Shallow and deep energy-harvesting Methane hydrates Underground storage facilities.
- 5) RESOURCE MINING & EXTRACTION: Coal combustion residues Tailings and mine wastes Tailing ponds Acid mine drainage Heap leach pads.

For me, the focus of my main interest was RESOURCE MINING & EXTRACTION, where I presented my research about the ENVIRONMENTAL GEOTECHNICAL TECHNIQUES TO REDUCE MINE SOLID WASTE ACCUMULATION (AN APPLIED STUDY ON THE REGION OF TEBESSA, EASTERN ALGERIA) I also touched on the latest methods of exploration and extraction of iron ore.; I also presented a poster on the same subject, and I enjoyed listening to my colleagues lectures.

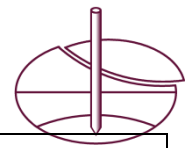
Every day during the conference period. This highlights the current relevance and the complexity of different topics and aspects of Environmental Geotechnics.

Another interesting feature of the conference is its multicultural and multinational character, which makes the event a place of scientific exchange for current and future collaborations.

From the presentations, it was possible to observe the existing and past projects run by multiple countries.

As a PhD student, coming from a low-economy country with little research on the topic, and consequently low technical expertise, the opportunity of attending this conference represented a turning point in my research and my career. I came back with a completely new and more open thinking than before, and this opportunity allowed me to find research partners from other countries.

I am very grateful for the support the ISSMGE Foundation gave me.



Photographs from Conference: Insert here or attach to email



