

**ISSMGE FOUNDATION  
REPORT ON CONFERENCE ATTENDANCE**

<p><b>Your Name:</b> Gustavo Orlando Bogado</p>	<p><b>Your Organization:</b> Universidad Nacional de Córdoba (UNC), Universidad Nacional de Misiones(UNaM) and National Research Council of Argentina (CONICET)</p>	<p><b>Date of report:</b>  8 th October 2013</p>
<p><b>Conference Title:</b> XIV Colombian Geotechnical Conference and IV South American Young Geotechnical Engineers Conference</p>	<p><b>Location of Conference:</b>  <i>Bogotá, Colombia</i></p>	<p><b>Dates of Conference:</b> 15th to 18th October 2014</p>
<p><b>What you learned:</b> At the conference I met colleagues from other countries and learned about the work they are carrying out in their laboratory. I could develop a different attitude and expand my knowledge through the presentations of the different exhibitors. I became interested in topics on planning and sustainable development needs of South American countries, in which the young geotechnical engineers will be involved. The comments made by some colleagues about my presentation were a great input in order of planning future work in my research.</p>		
<p><b>People you met:</b>  Prof. Juan Carlos Santamarina, Georgia Institute of Technology(EE.UU) Prof. Lawrence Wesley, University of Auckland (New Zealand) Prof. Gabriel Auvinet, Universidad Nacional Autónoma de México-UNAM, (México). Profesor Leonardo Cascini, University of Salerno, Salerno-Italia. Mario Camilo Torres Suarez (Presidente SCG) Prof. Manuel Alonso Builes Brand, Univesidad de Antioquia, Colombia. Prof. Juan José Salva, Universidad EAFIT, Colombia. And other Young geotechnical colleagues from all over South America.</p>		
<p><b>Main features of conference:</b> The IV South American Young Geotechnical Engineers Conference was held in parallel with the XIV Colombian Conference of Soil Mechanics. The central theme of the event was the "Geotechnical Effects on climate change on tropical countries." A total of 52 articles were presented in the Colombian Conference of Geotechnical Engineering, and 15 articles in the IV Young Geotechnical Engineers Conference. The papers presented were organized into the following sessions: "Laboratory and In – situ testing", "Physical and Numerical Modeling", "Slopes and Slope Stability", "Underground Excavations", "Climate and showers" and "Geologic Hazards". The conference began with greetings to the honorary members of the Colombian Society of Geotechnical Engineering. Next, the first plenary lecture was delivered by Dr. Carlos</p>		



Santamarina and entitled "Energy Geotechnology: Enabling New Insights Into Soil Behavior" which was presented as the Terzaghi Lecture.

Later, Prof. Roberto Terzariol (National University of Córdoba) inaugurated the technical sections corresponding to the Colombian Congress of Soil Mechanics with his presentation "Special cases of landslides affecting oil and gas pipelines".

Dr. Leonardo Cascini (Italy) presented the conference "Landslides susceptibility, hazard and risk zoning for urban planning and development," which was very well received by the entire audience.

Dr. Laurence Wesley (New Zealand) presented the following conferences: "Classification and Characterization of Tropical Residual Soils" and "Reconsidering Some Basic Aspects of Soils Mechanics", which were of great interest to me.

Another very important conference was the one directed by Prof. Gabriel Auvinet (Mexico) on "Half a century of research in geotechnics" which described the development of geotechnical engineering in different times.

In addition, a discussion forum related to the subway construction in Bogotá was set up, as this construction is relevant for the solution of transport problems in the city.

Other activities that took place were an inauguration cocktail, cultural event, booth exhibition and technical visits to different universities.

***Your comments on the conference:***

The conference was completely successful. It was very well organized; the schedules and deadlines were met according to the stipulations. In general, the technical quality of the conference was excellent. I listened to different engaging and interesting lectures on very useful topics.

The attendee's predisposition and attitude were very suitable and kind. Also the organizing committee of the congress deserves the best compliments and recognition.

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

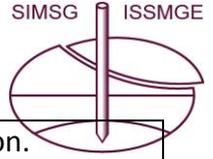
The Colombian Conference and the Young Geotechnical Engineers Conference was a great experience for my professional and academic formation. After attending the conferences, I learned about new developments in geotechnical engineering and the future of the new technological advances. I liked the presentations of many geotechnical colleagues and particularly the presentations of the keynote speakers. All the expositions that I attended to were very compelling, and the chairman of each session fostered interesting discussions and exchanges. During the breaks I met several geotechnical colleagues of South America and I could learn about their work and research.

I also liked the debate that took place on "the effect of climate change in the world" as it is a controversial topic that has a great impact not only on a scientific level but also in the society. Furthermore, the debate about the subway construction in Bogota was feasible and productive, because it is a solution that will produce an improvement in the city traffic.

There was also a technical exhibition where I found products, software and interesting geotechnical related devices.

Moreover, the visits conducted to the universities were very valuable and helpful, as I could learn about some devices and apparatus.

Finally, it is worth recognizing the Colombian Society of Geotechnical Engineers for organizing the event. We also appreciate all the institutions that provided financial support



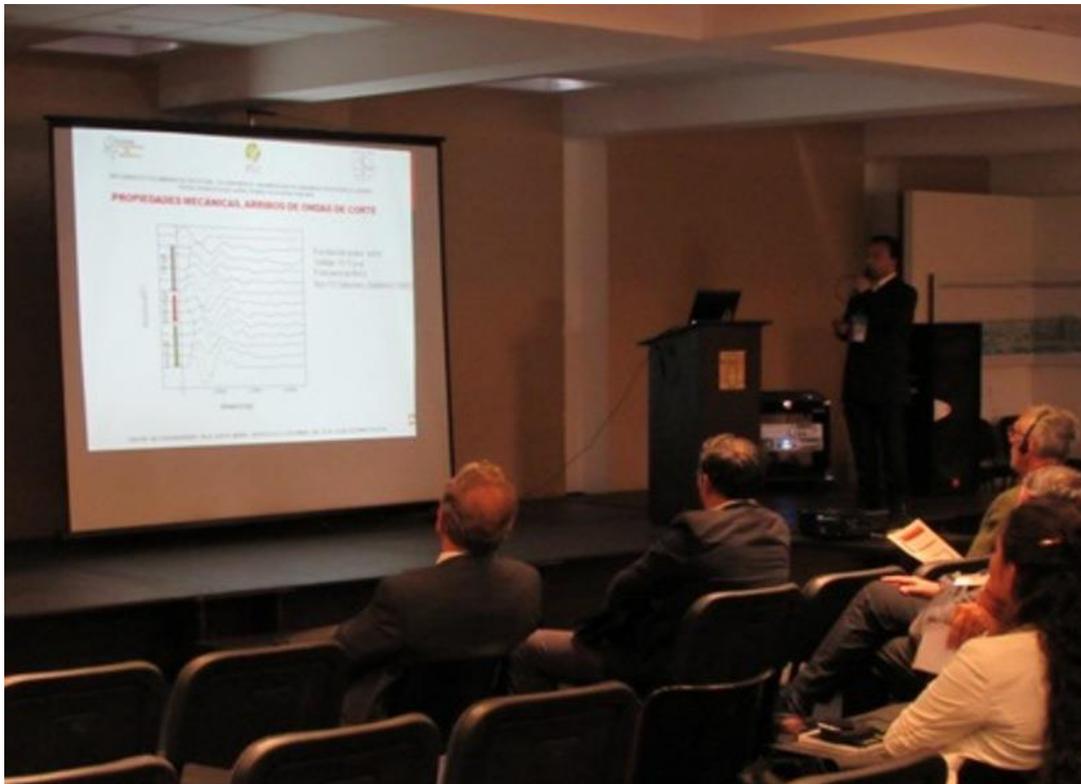
so that we were able to travel, mainly to UNaM, CONICET and ISSMGE - Foundation.

**Photographs from Conference:**

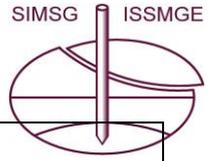


**In front of the hall events**

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**During my presentation**



**With Dr Carlos Santamarina(Georgia Institute of Technology)**



**With Prof. Lawrence Wesley, University of Auckland (New Zealand)**