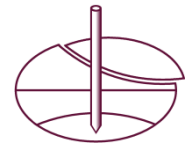


**ISSMGE FOUNDATION
REPORT ON CONFERENCE ATTENDANCE**

Your Name: <i>Svitlana Yesakova</i>	Your Organization: <i>O.M. Beketov National University of Urban Economy in Kharkiv, Kharkiv, Ukraine</i>	Date of report: <i>27 June 2023</i>
Conference Title: <i>17th Danube – European Conference on Geotechnical Engineering</i>	Location of Conference: <i>Bucharest, Romania</i>	Dates of Conference: <i>7 - 9 June 2023</i>
What you learned: There were many interesting lectures on geotechnical design and engineering, geotechnical investigation, ground modelling, geo- hazards, environmental geotechnics and information technology in geotechnical engineering. This experience was invaluable to me, and the opportunity to discuss interesting points in personal conversations was a nice professional bonus. The technical exhibition of the conference showcased products, unique equipment and technologies of internationally renowned manufacturing firms. Equally interesting were the sections of the lectures I had encountered in my professional life and the special lectures given by professors from the Universities of Bucharest, Prague, Graz and Vienna. It was really enlightening to learn about the scientists' contributions to solving the global energy crisis with energy geostructures and much more.		
People you met: I have met and talked to many scientists from different countries. A few of them are listed below: Prof. Loretta Batali Ms. Karolina Trybocka Prof. Andrey Totsev Mr. Lóránd Sata Mr. Irina Lungu		
Main features of conference: The main features of the 7th Danube – European Conference on Geotechnical Engineering include: 1. Opening sessions 2. Special and Keynote Lecturers 3. Presentations and Discussion session 4. Welcome Reception. 5. Technical visits		
Your comments on the conference: The conference was organized at the highest level. The meeting consisted of an excellent combination of main lectures and parallel sections, punctuated by pleasant coffee breaks and lunch breaks. This allowed us to comfortably absorb information, study exhibition and presentation materials from international geotechnical organisations and enjoy chatting with colleagues over a nice cup of Dutch coffee.		



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

The 17th Danube – European Conference on Geotechnical Engineering was held in Bucharest, Romania. About 200 participants from Europe, America and Canada took part in the conference. The main Conference themes were:

- 1) Geotechnical investigations.
- 2) Ground modeling.
- 3) Geo-hazards.
- 4) Environmental geotechnics.
- 5) Information technologies in geotechnical engineering.

The few days were completely filled with exciting lectures from leading professors from various European countries. I was greatly influenced by the lecture «Geotechnical Aspects of February 6, 2023 Kahramanmaraş-Türkiye Earthquake Sequence» (Kemal Önder Çetin). All the information provided and the conclusions drawn from the situation were astounding.

In addition, the lecture on environmental geotechnics «Geotechnical and environmental aspects in soil improvement using plastic waste materials» (Nicoleta Ilieş) is of great value, as it provides insight into the importance of applying sustainable methods in engineering and construction.

The conference provided a unique opportunity to learn about the latest trends and developments in geotechnics. The lectures were informative and inspiring, and the material presented reflected cutting-edge research and practical applications of mechanisms and structures.

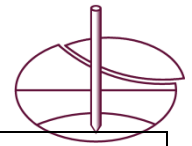
In addition to the general lectures, we also had the opportunity to participate in parallel sections where current issues and projects were discussed. Coffee breaks and lunch breaks gave us the opportunity not only to assimilate the information, but also to network with colleagues, exchange ideas, and make new connections.

In addition, two "Technical Visits" were planned for the last day. The first building site is "NEW PROMENADA". A 23 m deep pit for the future commercial center, built using the "top-down" method. The "top-down" method was adopted for the construction of 7 underground levels (3 slabs are being built "from top to bottom") inside a pit protected by 1.00 m thick mud walls (diaphragm walls). The second construction site is "ONE LAKE DISTRICT". To increase the bearing capacities compared with the bored piles, but also to reduce the carbon footprint of the foundations, the Screwsol threaded displacement piling system was selected.

Taken together, this is a good baggage of knowledge and experience to share with colleagues and students in my university and community.

Overall, the conference was a source of new knowledge and inspiration for me. I am grateful to the organisers for such a rich and informative event, and I look forward to attending future geotechnical conferences.

I would like to thank ISSMGE Foundation for the financial support to participate in this amazing and essential conference.



Photographs from Conference: Insert here or attach to email



