

**ISSMGE FOUNDATION  
REPORT ON CONFERENCE ATTENDANCE**

<b>Your Name:</b> Olga Areshkovych	<b>Your Organization:</b> Kyiv National University of Construction and Architecture	<b>Date of report:</b> 11.10.2015
<b>Conference Title:</b> 24 <sup>th</sup> EYGEC 2015 16 <sup>th</sup> ECSMGE 2015	<b>Location of Conference:</b> Durham, UK Edinburgh, UK	<b>Dates of Conference:</b> 10th-12 <sup>th</sup> September 13th-17 <sup>th</sup> September
<p><b>What you learned:</b></p> <p>Participation at the 24th European Young Geotechnical Engineers' Conference gave me a great opportunity to share my research with outstanding young scientists from all over Europe and beyond as well as to gain new knowledge and experience. First of all, I appreciate that the Organizing Committee invited professors from the top UK universities. Namely, Prof. Richard Jardine from Imperial College London and Dr. Stuart Haigh from the University of Cambridge who had delivered exceptional lectures on state-of-the-art topics covering Anisotropic Stiffness of Clays and Offshore Foundation Engineering respectively.</p> <p>During the 16th European Conference for Soil Mechanics and Geotechnical Engineering I had a chance to listen to keynote as well as invited lecturers on various topics including ground improvement, geotechnical engineering for transportation systems, seismic assessment and numerical modelling. I also gained an appreciation for the importance of investigations of geological formation and their associated geotechnical parameters towards engineering projects and the critical assessment of soil-structure interaction.</p>		
<p><b>People you met:</b></p> <p>During the ECSMGE and YCGE I met many professionals but would like to distinguish the following:</p> <p>Prof. David Toll; Dr. Ashraf Osman (Durham University);          Prof. David Potts; Prof. Lidija Zdravkovic; Prof. Richard Jardine; Dr Jamie Standing; Dr. David Taborda; Dr Wei Wei Sim (Imperial College London, UK);          Prof. Guy Housby; Prof. Byron Byrnes; Dr Harvey J. Burd; PhD student William Beuckelaers (University of Oxford, UK);          Dr. Michael Heibaum, Dr. Jan Kayser (BAW Federal Waterways Engineering and Research Institute, Germany);          Prof. Helmut Schweiger (Graz University of Technology, Austria);          Associate Director Jacqueline Skipper (Geotechnical Consulting Group);          Technical Director Paul Nowak (Atkins Limited) and Dr. Paul Sargent (AECOM).</p>		
<p><b>Main features of conference:</b></p> <p>The European Young Geotechnical Engineers' Conference was organized in such a way that all participants were immersed in a friendly atmosphere during both days' conference sessions as well as breaks, lunches and especially dinner at the St. Hild and St. Bede College in Durham.</p> <p>As for the European Conference on Soil Mechanics and Geotechnical Engineering, around</p>		



400 presentations were delivered. Discussion Sessions also provided participants with up-to-date information on the main new developments in geotechnical engineering. Poster Session as well as E-Posters were presented at the main hall of the International Conference Centre in Edinburgh. Various technical tours prepared by the Organizing Committee included an Edinburgh geological tour, a tour on the famous bridge Firth of Forth, Falkirk Wheel and Haymarket rail tunnel visits.

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

I would like to express my gratitude to the Organizing Committee of both the EYGEC and the ECSMGE, especially to Prof. Mike Winter for his support and the opportunity to represent my country, Ukraine in Edinburgh. Being involved in the Scientific Committee, I appreciated the opportunity to be a part of such a well-recognized team of highly-qualified professionals. By attending the conferences, I had the opportunity to develop new contacts for possible future professional collaboration.

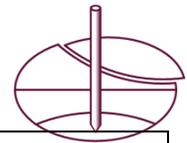
***Please attach short report (maximum 400 words) suitable for publication in the ISSMGE Bulletin:***

The 24th Young Geotechnical Engineers' Conference took place at the University of Durham, UK from September 10 to 12, 2015. During the conference, 37 presentations were delivered by participants from over 26 countries in sessions devoted to Soil Mechanics, Foundation Engineering, Slope Stability, Retaining Walls and Tunnelling. I had the great opportunity to present my research on Soil-Structure Interaction due to Dynamic Impacts in Flowing Water. All in all, the conference dedicated to the young geotechnical engineers provided them with a tremendous opportunity to discuss their ongoing research as well as Master's or Doctoral degree projects and to share their experience, which I am convinced, will have a profound impact on development of the future generation of geotechnical engineers.

The 16th European Conference on Soil Mechanics and Geotechnical Engineering was held at the International Conference Centre in the beautiful city Edinburgh from September 13 to 17, 2015. The conference venue was absolutely appropriate as there were more than a thousand participants registered. They came from over 70 countries around the world. During the conference, there were over four hundred presentations and more than 40 Discussion Sessions; three Keynote Lectures as well as six Invited Lecturers were also delivered.

Being appointed as a Discussing Session Chair with Co-Chair Dr. Jamie Standing for Session A1.5 Crossrail and Other Major UK Infrastructures, I truly enjoyed the session with 10 presentations and would like to highlight how important geological formations are and their associated geotechnical engineering parameters in making reliable engineering decisions.

On the last day of my stay I attended a technical tour to the Falkirk Wheel which is widely considered a 21st century engineering wonder that connects the Forth and Clyde Canal with the Union Canal. The Falkirk Wheel includes a rotating lift elevating boats up to 30



meters. There is no comparable system in the world.

I thank the Organizing Committee of the 24th ECSMGE as well as the ISSMGE Foundation for making this trip a reality for me.

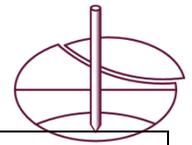
**Photographs from Conference:** Insert here or attach to email



My presentation at the 24<sup>th</sup> European Young Geotechnical Engineers Conference



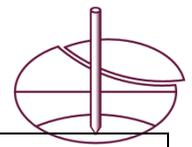
Having a great dinner at the St Hild and St BEDE College, Durham (I'm second on the left)



Selfie during walking in Durham (Alice Manzotti, Belgium, Olga Areshkovich, Ukraine, Addy Vranna, Italy and Tolga Bilge, Turkey)



During the 16th European Conference on Soil Mechanics and Geotechnical Engineering at the International Conference Centre, Edinburgh



Technical visit to Falkirk Wheel



Beautiful Edinburgh Castle