

Early Career Group Event

Sustainability in Geotechnics: A Tale of Progress from Academia and Industry

Sponsored by Tony Gee and Partners LLP

Join our panel of five speakers to unveil the progress that Geotechnical Practitioners have made in contributing towards sustainability from both an industry and academic point of view. The discussion will include the challenges Geotechnical Practitioners are facing and the role of young professionals in driving the actions.

Date: 13th November 2019 (Wednesday)
Time: 6:30 pm
Venue: Atkins, Nova North (Room 03-02a & 03-02b)
11 Bressenden Place, London, SW1E 5BY

As sustainability is becoming increasingly important within all industries, this forum aims to provide answers as to how Geotechnical Engineers can apply sustainable solutions and reduce the environmental impact within our daily work. As ICE reviewers are constantly expecting candidates to have a wide knowledge around sustainability, this event will be useful for those aiming to become professionally chartered, those who wish to expand their knowledge on sustainability and those who simply wish to find answers to questions with regards to sustainability in geotechnics.

Panel of Speakers

- ❖ **Natalie Cropp:** *Sustainability Director at Tony Gee and Partners LLP and Chair of the Sustainability Group at the Association for Consultancy and Engineering.*
- ❖ **Dr. David Taborda:** *Senior Lecturer in Geotechnics, Department of Civil and Environmental Engineering, Imperial College London.*
- ❖ **Dr. Elpida Katsiveli:** *Geotechnical Engineer at Atkins.*
- ❖ **Giannis Kallika:** *Senior Geotechnical Engineer at Atkins.*
- ❖ **Benjamin Guo:** *PhD Researcher in Geotechnics, Department of Civil and Environmental Engineering, Imperial College London.*

After the event, drinks & nibbles will be provided courtesy of Tony Gee and Partners LLP.

Prior registration for the event is required & the session will be live streamed.

If you wish to **attend** OR **listen** online, you **will need** to notify us by emailing: Tony.Bowerman@atkinsglobal.com.

The session will also be recorded and the recording will be made available after the event.



Natalie Cropp: *Sustainability Director at Tony Gee and Partners LLP and Chair of the Sustainability Group at the Association for Consultancy and Engineering.*

Natalie has extensive experience as a design engineer on Geotechnical projects, particularly in the rail sector. She has over 15 years' experience working in the industry with particular interest in integrating sustainability in design and has now moved on to the role of Sustainability Director for Tony Gee and Partners. She will share her view from a consultancy and industry perspective.

Dr. David Taborda: *Senior Lecturer in Geotechnics, Department of Civil and Environmental Engineering, Imperial College London.*

Dr. Taborda is an active researcher in the field of ground-source heating, including thermo-active retaining walls and piles. He joined the Geotechnics Department at Imperial College London as a lecturer in 2012 to help develop the department's research in the field of Energy Geotechnics. He will share his view on the latest research in Energy Geotechnics.



Dr. Elpida Katsiveli: *Geotechnical Engineer at Atkins.*

Dr. Katsiveli is a Geotechnical Engineer with more than 4 years research experience on the field of soil-structure interaction and soil dynamics. Her research has direct application on the design and response evaluation of offshore/onshore wind turbines and nuclear power plants. She will share her view on the need for innovative solutions and careful numerical modelling to overcome the challenges that are stopping us to achieve a greener future.

Giannis Kallika: *Senior Geotechnical Engineer at Atkins.*

Giannis is a Chartered Engineer with 6 years of experience having worked on a variety of projects. Throughout his career Giannis has held various positions with the latest being Design Team Lead for the offline earthworks on East West Rail Phase 2 project. He will share his experience gained working as a professional geotechnical engineer, the use of technology to promote sustainability in geotechnics and his view on the topic from a young professional point of view.



Benjamin Guo: *PhD Researcher in Geotechnics, Department of Civil and Environmental Engineering, Imperial College London.*

Benjamin is currently undertaking research on flood embankment modelling in the UK as part of the Centre for Doctoral Training in Sustainable Civil Engineering, with emphasis on the effects of climate change on the resilience of flood embankments. He will share his experience as a researcher in this field and his view on the topic from a young professional point of view.

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