
Early Career Group Event

Innovation in Geotechnical Engineering Series: “Advanced Testing and Modelling in Offshore Geotechnics”

BGA ECG South West Event

The Innovation in Geotechnical Engineering Series is a platform for knowledge sharing between Academia and Industry, promoting rigorous discourse between young professionals in the field with a focus on three main themes:
Technical Knowledge, Sustainability and Digital Transformation.

This presentation will provide an overview of recent experimental and theoretical developments at the University of Bristol to aid the design of offshore geotechnical systems. The talk will focus on: (i) new constitutive modelling techniques to predict the long term cyclic behaviour of soils and offshore mono-pile foundations, (ii) the development of new large scale experimental rigs to study the on-bottom stability of offshore pipelines and cables; and (iii) new macro-element modelling techniques applied to anchoring systems for floating energy devices, such as wind and wave energy converter.

Date: 6th October 2020

Time: 13:00 to 14:00

Venue: Virtual Event. Please join the event by clicking on [this link](#).

Please note that there is no advance registration required prior to this event. You can join by clicking the above link on the day of the event.



Andrea Diambra:

Dr Andrea Diambra is an active researcher in Geotechnical Engineering at University of Bristol since 2010. Before, he had extensive practical design experience having worked as a geotechnical engineer for Saipem/Eni and MottMcDonald Ltd among others. Andrea's current research interests lie within (i) innovative solutions for soil reinforcement and (ii) offshore geotechnics, including wind farm foundations, pipelines, cables and anchoring systems. At this event, he will provide an overview about some latest development in this second stream of research.

For further information please email: Rishi.Sharma@tonygee.com

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