Call for abstracts
Linear infrastructure

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Geotechnique Symposium in Print 2019

Symposium in Print Sub-Committee: Dr Peter Bourne-Webb, Instituto Superior Técnico, Portugal and Dr Michael Brown, University of Dundee, UK

Recently there has been a significant rise in the construction and planning approval of large linear infrastructure projects in Europe and Internationally. These projects may present a variety of new elements of geotechnical engineering, from slopes, embankments, flood defenses, tunnels, roads, bridges track beds and buried pipelines and cables within one project. Due to their scale they also may interact with existing infrastructure, requiring careful consideration of soil-structure interaction and the need for specialist monitoring and observational approaches to construction. The push to higher speed and lower maintenance transport/communication/energy infrastructure, with reduced impact on the environment and society, has led to new techniques in ground investigation, characterisation, numerical modelling and instrumentation required to design and construct cutting edge linear systems.
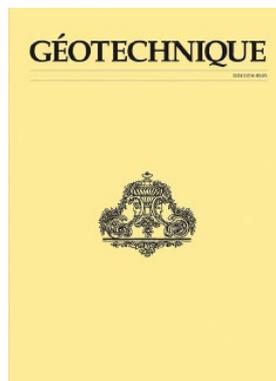
This symposium will bring together researchers and practitioners interested in the design, construction, monitoring and performance of linear infrastructure for high profile and challenging projects. It will provide a forum to bring together advances from different areas of research in order to advance geotechnical design, testing, monitoring and construction. Abstracts (limited to 200 words) are invited for papers concerning, but not limited to, the following subject areas. Abstracts focusing on practical applications and case studies are particularly welcome.

- Advanced laboratory and insitu testing of soils to inform design and modelling.
- Numerical and physical modelling of the performance of geotechnical elements of linear infrastructure.
- Design methods and innovative solutions to improve performance of geotechnical systems.
- Case histories of linear geotechnical system performance during construction and operation.

JOURNAL CITATION REPORTS
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2.982
JOURNAL IMPACT FACTOR
2018

GÉOTECHNIQUE

Invitation to Authors

Abstracts of 200 words should be submitted by 30 September 2018. The abstracts will be reviewed by an international panel of experts, who will then invite a number of authors to develop their papers for submission by 15 January 2019. These will then be refereed by Géotechnique according to usual practice. Papers accepted will be published in the August 2019 issues of the journal. They will also be discussed at the symposium event in September 2019.

Abstracts should be submitted online at: https://goo.gl/forms/Sua3AeOLJUoTxNPA3

If you have any queries, please contact craig.schaper@icepublishing.com.

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KEY DATES

Deadline for abstracts is 30 September 2018; full papers by 15 January 2019 2019; publication August 2019; Symposium September 2019.