

Call for Papers Forensic geotechnical engineering

ice
Institution of Civil Engineers

Publishing

Proceedings of the Institution of Civil Engineers

Forensic Engineering THEMED ISSUE

Editors: Professor Dasaka S. Murty, IIT Bombay, India, Professor G. L. Sivakumar Babu, Indian Institute of Science, Bangalore, India and Professor Gopal Madabhushi, University of Cambridge, UK

Forensic Engineering is planning a themed issue on forensic geotechnical engineering.

It is expected that every geotechnical structure is designed judiciously and constructed with the utmost care. Despite the availability of well-documented procedures for selection of materials, analysis of loads and resistance, and well-laid quality construction guidelines, numerous structures fail to perform their intended function, leading to serious financial costs, time overruns, and casualties. Forensic geotechnical studies are often required to identify the causes of supporting structure failures. These are conducted through a systematic study involving the collection of field samples, analysis and design details, construction schedules and procedures adopted, and the process of distress leading to complete failure. These studies identify the reasons behind failure and help prepare new guidelines, or update existing guidelines, for the future construction of safe geotechnical structures. The purpose of this themed issue is to collect, document and disseminate case histories or technology developments in forensic geotechnical engineering, and to help engineers avoid failures in the future.

The issue will concentrate on geotechnical engineering topics including, but not limited to:

- Retaining systems
- Shallow and pile foundations
- Pavements
- Slopes and landslides
- Tunnels and underground openings

Engineering practitioners and researchers engaged in any of these general topics are invited to **submit abstracts by 1 May 2019**. Relevant papers outside the main themes outlined above will also be considered. The deadline for submission of full manuscripts is **1 December 2019**.

Why publish with ICE?

ICE Publishing has been uniting research and practice in engineering and science since 1836. As the publishing arm of the Institution of Civil Engineers, we provide exclusive access to over 80,000 active ICE members in 160 countries. By publishing with ICE, you will benefit from our quality, visibility and advocacy.

QUALITY

- Rigorous blind peer review by an international panel of experts
- Author editorial support and guidance to help you develop your work
- Professional copy editing, typesetting and proof-reading services
- No publication charges, it is entirely free to publish with us (Open Access titles excepted)

VISIBILITY

- Our journals are included in major science and engineering databases and indexes, making our articles easily discoverable in Google and other scholarly search engines
- In addition to ICE members, our content is read by academics and practitioners at over 1500 subscribing universities, corporations and government agencies around the world

ADVOCACY

- We work closely with our authors and editors to promote our journals to all relevant audiences, at international conferences, and through engineering social networks

Invitation to authors

To submit an abstract please visit
<https://goo.gl/forms/H9xO5PBsPsCZUNRR2>
For further information, please contact
Sam Hall T: +44 20 7665 2450;
E: sam.hall@ice.org.uk
For more information about the journal
visit www.icevirtuallibrary.com/loi/jfoen