

Call for Papers Forensic geotechnical engineering



Publishing

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Forensic Engineering THEMED ISSUE

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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**.

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