

# Call for Papers

## Forensic investigation on underground and foundation engineering



Publishing

Proceedings of the Institution of Civil Engineers

# Forensic Engineering

## THEMED ISSUE

Editors: Professor Wei Dong Wang, Arcplus Group and Shanghai Jiao Tong University, China and Professor Chi Hong Chan, Allianz China General Insurance Co., Ltd and Jiangxi University of Finance and Economics, China

*Forensic Engineering* is planning a themed issue on underground and foundation engineering.

Large-scale urban development results in increasingly complex buildings, transportation systems and interfaces between new and existing structures. Civil engineers are continuously challenged by the height of the buildings and the depth of foundations, as well as the geometry and scale of underground constructions. Lessons learned from failures are beneficial for engineers to prevent design and construction flaws, and to improve the risk management of future underground and foundation engineering. The champions of this themed issue invite engineers and researchers to present their investigations or research progress on deep excavation, deep foundation and tunnelling. This themed issue will focus on investigation of failures and performance analysis on underground construction and foundation engineering. In addition, applications or the development of investigation technologies, simulation, laboratory testing or in-situ testing are welcomed. We also invite valuable experiences of successful risk management.

### Examples of relevant subjects include, but not limited to:

- Underground construction failures
- Building foundation damages
- Bridge foundation damages
- Deep excavation
- Tunnel failures
- Performance or failure analysis of underground structures
- Case studies of forensic investigation on underground constructions using advanced geotechnical technologies
- Applications of geotechnical testing on forensic investigations on underground construction failures
- Risk management on underground and foundation engineering

Engineering practitioners and researchers engaged in any of these general topics are invited to **submit abstracts by 1 April 2019**. Relevant papers outside the main themes outlined above will also be considered. The deadline for submission of full manuscripts is **1 September 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/4azcyrOMFapBHxEz2>  
For further information, please contact  
Sam Hall T: +44 20 7665 2450;  
E: [sam.hall@ice.org.uk](mailto:sam.hall@ice.org.uk)  
For more information about the journal visit [www.icevirtuallibrary.com/loi/jfoen](http://www.icevirtuallibrary.com/loi/jfoen)