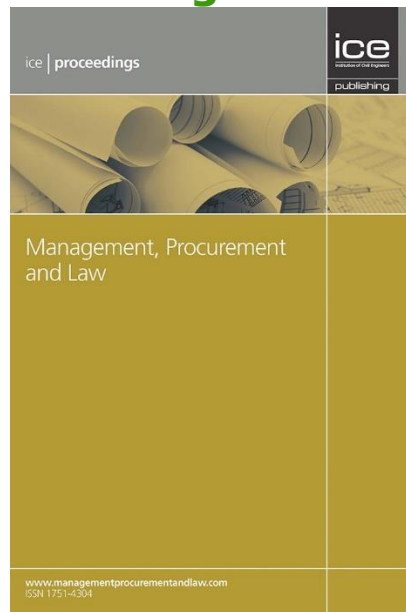




November 2018

CIB New Issue Encouraged Journal
**Recent advances in construction technology and
management**



Management, Procurement and Law
Volume 171, Issue 6, December 2018

ICE Publishing has published the latest Issue of the CIB Encouraged Journal Management, Procurement and Law. The theme of this issue is: Recent advances in construction technology and management.

Editorial

There are several dimensions to the challenges confronting the construction industry along the lines of upscaling with modern-day knowledge and skills. An important aspect of the solution is that the industry must understand, articulate and advance its new knowledge appropriately from time to time.

In the first quarter of 2017, the editorial advisory panel of Proceedings of the Institution of Civil Engineers – Management, Procurement and Law announced a themed issue on 'Recent advances in construction technology and management'. The purpose of the themed issue is to harness scholarship relating to new aspects of construction research and practice without replicating a conventional train of thought.

Papers were invited from areas related to robotics, digital designs, smart materials, autonomous systems, renewable energy systems and zero-carbon dioxide solutions.

Developments in these areas present significant legal opportunities and challenges, as well as opportunities and challenges for the procurement and management of design and construction processes.

The themed issue call for papers was a success. Submissions came from virtually every continent on the planet – from Africa, Asia, Australia, Europe and North America.

Six papers were accepted, but were published as part of different regular issues; two in volume 170, four in volume 171. They all provide robust narratives about recent advances in technological and management research and practice.

The areas for further research suggested by each of the papers are also intriguing.



Topics

- Briefing: Time-bar provisions of the NEC3 Engineering and Construction Contract clause W1.3
By: Terrence Davis
- A cyber-physical system (CPS) for planning and monitoring mobile cranes on construction sites
By: Congwen Kan, Yihai Fang, Chimay J Anumba, John I Messner
- Perceptions on safety climate: a case study in the Omani construction industry
By: Tariq Umar, Charles Egbu
- Disparity between the procurement process best practices for PPP projects in the UK and Malaysia
By: Farid Ezanee Mohamed Ghazali, Samsul Abd Rashid, Ahmad Farhan Mohd Sadullah
- Book review
By: Joel Gilmour
- Construction Law Quarterly
By: Nicholas Higgs, Justin Mort, Peter Brogden, Jeremy Glover

Author

Oluwole Alfred Olatunji

Editor

Simon Smith
University of Edinburgh, UK

The journal welcomes submissions from all areas of construction and building management, including project management, procurement, construction & contract law. They also publish many themed, special issues - please informally get in touch if you have an idea for a themed issue.



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Information

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