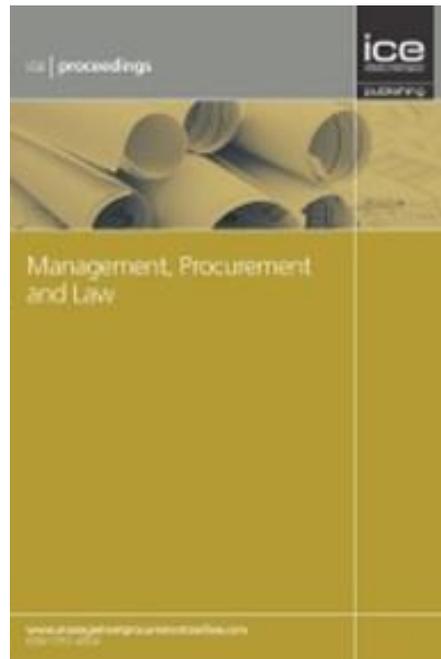




**April 2019**

**CIB Encouraged Journal Call for Abstracts  
Management, Procurement and Law  
Construction 4.0**



The CIB Encouraged Journal Management, Procurement and Law, published by ICE Publishing, invites you for a Call for Abstracts for a Special Issue with the themed issue on the ethical and social challenges of Construction 4.0 that is planned to be published in 2020.

Construction 4.0, the manifestation of the fourth industrial revolution within the industry, is bringing rapid change through the increasing use of technologies, such as robots and additive manufacturing, and increased digitisation, including the use of artificial intelligence, building information management and the internet of things. Construction 4.0 integrates manufacturing with information and computing technologies and so impacts both construction products and management processes, as well as wider industry structures.

This brings promises of improvements in productivity and efficiency, but also potentially ethical and social challenges as the use of such technologies collides with our social worlds. For example: what is the future role for trade workers in Construction 4.0? How can

workers be ethically managed within machinecontrolled environments? How can data be safely controlled in virtual built environments and digital twins? What are the contractual and legal consequences of digitally collaborative design and construction? Are such wider challenges being considered and appropriately addressed in Construction 4.0 research projects?

This themed issue will consider these and other ethical and social challenges associated with Construction 4.0, with the intention of developing a critical voice to supplement the technocratic optimism that currently dominates our industry.



## Topics

Suggested topics might include, but are not limited to, the following:

- The changing workforce and ethical management of workers under Construction 4.0
- People management within machine-controlled environments
- Unintended consequences of Construction 4.0
- Built environment data security
- Contractual challenges
- Legal challenges of data ownership and data security

## Call for Abstracts

The deadline for submitting abstracts is **1 July 2019**.

To submit your abstract online [click here](#).

## Information for Authors

Information for authors is to be found [here](#).

## Contact

To request further details and full journal guidelines, please contact Rebecca Rivers

Tel. +44 (0)20 7665 2241

Email [rebecca.rivers@icepublishing.com](mailto:rebecca.rivers@icepublishing.com)

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