



September 2017

**BEPAM CIB Encouraged Journal
REMINDER, Call for Papers Special Issue
Built Environment Project and Asset Management**



Rethinking Construction Productivity Theory and Practice

We are delighted to announce the call for papers for the peer reviewed 'Built Environment Project and Asset Management [BEPAM]' Journal, Special Issue on 'Rethinking Construction Productivity Theory and Practice'.

The construction industry makes a significant contribution to the gross domestic product of many countries. Boosting construction productivity is thus important for the sustained growth and competitiveness of any economy. Coupling this imperative to allegations of stagnant or even reduced productivity in the construction industry vis-a-vis other industries, there is now a need for a fundamental review of the underpinning body of knowledge, along with a systematic exploration of the future productivity narrative, including its core concepts, system boundaries, evaluation protocols, and applications.

Increasing challenges such as climate change, resource scarcities, rising societal aspirations, and systems complexities should be considered alongside opportunities arising from emerging technologies such as automation, robotics, virtual reality and visualisation.

Many metropolises witness fast development of construction and infrastructure in the past and today, whilst they face severe challenges for the future, such as from an aging workforce, skill shortage, cost escalation and systems complexities. Learning from and exploring the basis of productivity assessment and improvement initiatives in more progressive regions could provide valuable examples for others, given rapid worldwide urbanisation. Such drilling down and in-depth comparisons could contribute significantly to a step-rise, if not a paradigmatic improvement in the body of knowledge on productivity, apart from direct benefits from its deployment in practice.

This Special Issue is initiated with a proposal for a four-fold theoretical approach to rethinking construction productivity:

- (1) what construction productivity is and will be;
- (2) how knowledge on construction productivity is created;
- (3) how construction productivity is researched at different levels and in various processes; and
- (4) what socio-technical values construction productivity embraces. The special issue also seeks to validate these theoretical aspects drawing on evidence.



An indicative but not exhaustive list of topic areas for this Special Issue:

- Theory and metrics of construction productivity
- Methodology of construction productivity, e.g. Total Factor Productivity, Partial Factor Productivity and Single Factor Productivity
- Strategic thinking and systems engineering of construction productivity
- Construction productivity and key performance indicators (KPI)
- Construction productivity and Building Information Modelling (BIM)
- Construction productivity and emerging technologies, e.g. augmented reality and visualization
- Construction productivity and prefabrication, off-site production, DfMA, modular building
- Construction productivity and lean
- Construction productivity and sustainability and life cycle assessment, e.g. energy and carbon
- Construction productivity and planning and design
- Construction productivity and project management
- Construction productivity and procurement

Information and Instructions for submissions

Submission deadline: **30 September 2017**

Expected publication date: September 2018

Submissions to Built Environment Project and Asset Management are made using ScholarOne Manuscripts. Registration and access are available at:

<http://mc.manuscriptcentral.com/bepam>

Author guidelines including on formats and length limit, must be strictly followed. These guidelines are on the journal web site at:

http://www.emeraldgrouppublishing.com/products/journals/author_guidelines.htm?id=bepam

Authors should select the special issue "Rethinking Construction Productivity Theory and Practice" at the appropriate step in the submission process, i.e. in response to ""Please select the issue you are submitting to".

Submitted articles must not have been previously published, nor should they be submitted for consideration for publication elsewhere, while under review for this journal.

The submitted papers will be initially reviewed by the Guest Editor, and if judged suitable for the special issue will be sent to at least two independent referees for blind peer review.

BEPAM being an internationally established journal, is encouraged by CIB, recognised by the Australian Business Deans Council and indexed in Emerging Sources Citation Index (ESCI) of Thomas Reuters, SCOPUS, EBSCO, INSPEC, etc.

For further information on the journal, please visit www.emeraldinsight.com/bepam.htm

CIB Encouraged Journals

Also Indexed in SCOPUS, ESCI (Emerging Sources Citation Index of Thomson Reuters).

BEPAM is encouraged by CIB. For a complete list of CIB encouraged journals, CIB recognized journals, and information on these journals [see here](#).

Follow CIB on 