

Construction Productivity and Sustainable Construction Management

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Deadline for manuscript
submissions:

closed (10 November 2023)

Message from the Guest Editor

The aim of this Special Issue is to provide a platform for researchers and stakeholders to present their latest research on construction productivity and sustainable construction management practices at the evaluation, organization, planning, monitoring, control and close-out stages. High-quality research articles and reviews are welcome. Papers on, but not limited to, the following topics, are welcome:

- Lean construction;
- Project monitoring and control;
- Offsite construction, prefabrication and modular construction;
- Life-cycle assessment;
- Portfolio management and project prioritization;
- Building information modelling;
- Digital construction;
- Industry 4.0 applications in construction;
- Smart construction and IoT;
- Connected construction sites;
- Construction supply chains;
- Construction safety.

For scholars interested to submit papers to the Special Issue, please click “Submit to Special Issue” or contact Astoria Yao: astoria.yao@mdpi.com.



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Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

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