

## Special Issue

# Human-Cyber-Physical Systems (H-CPS) for Intelligent Civil Infrastructure Operation and Maintenance

### Message from the Guest Editors

Civil infrastructure (CI) requires effective system-level operation and maintenance (O&M) processes to ensure safety and efficiency. Unfortunately, the Architecture, Engineering, and Construction (AEC) industry has lagged behind digitally compared to other industry sectors. Therefore, the overall goal of this Special Issue is to gather original contributions and review articles focusing on human–cyber–physical systems (H-CPS) for intelligent civil infrastructure operation and maintenance aspects. In this Special Issue, original research and review articles are both welcome. Research areas may include (but are not limited to) the following:

- Automation in construction;
- Construction management;
- Intelligent operation and maintenance;
- Sensing techniques;
- Human factors;
- Human-centered automation;
- Building information modelling (BIM);
- Augmented reality (AR)/Virtual reality (VR)/Mixed reality (MR);
- Cyber environments and security.

We look forward to receiving your contributions.

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### Guest Editors

Dr. Zhe Sun

Dr. Yan Bao

Prof. Dr. Xiaolin Meng

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### Deadline for manuscript submissions

closed (31 December 2023)



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### Editor-in-Chief

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