



Application of Artificial Intelligence (AI) and Digital Transformation (DT) to Sustainable Engineering Project Management

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Message from the Guest Editors

Dear Colleagues,

Digital technology is fundamentally transforming virtually every industry, the engineering field has witnessed disruptive changes in recent years. Research areas may include, but are not limited to:

- Artificial intelligence and machine learning applications for sustainable engineering management;
- Automation in capital projects, with a particular focus on mega-infrastructure projects, onshore and offshore drilling, power plants, industrial plants, and other engineering procurement construction (EPC) projects;
- Digitalization in the engineering and construction industries for sustainable infrastructure development;
- Building information modeling (3D-4D-5D BIM) and their applications;
- Advanced work packaging (AWP) with BIM;
- BIM-based Maintenance Repair and Operation (MRO) systems;
- Digital Twin or Digital Transformation for industrial plants;
- Natural language processing (NLP) application and text mining in construction project documents;
- chatGPT Applications in the engineering and construction field;
- Cost engineering digitalization (estimating and control):



Look forward to receiving your contributions.



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Message from the Editor-in-Chief

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