

Special Issue

Cognitive Digital Twins for Construction Sustainability

Message from the Guest Editors

This Special Issue aims to publish high-quality research articles on the latest developments of cognitive digital twins and associated tools, techniques and methods, seeking to address: - Energy efficiency and sustainability in the construction sector to enable a more rapid and global low-carbon transition; - Digital upskilling and wider implications on society and our built environment, including education and training for new skills and competencies. The topics include but are not limited to the following:

- Digital Twin services and platforms;
- Cognitive and intelligent systems;
- Artificial intelligence and big data science;
- Internet of Things: services, devices and people ;
- Energy decarbonisation and efficiency;
- Sustainable urban development;
- Circular and sharing economies;
- Smart cities, buildings and industries;
- Industrial Internet and Blockchain;
- Semantics, ontologies and multiagent systems;
- Building Information modelling ;
- Sustainable built environment;
- Digital upskilling and training ;
- Energy efficiency education

Guest Editors

Dr. Ioan Petri

School of Engineering, Cardiff University, Cardiff CF10 3AT, UK

Assoc. Prof. Sunil Suwal

School of Real Estate and Construction, Metropolia University of Applied Sciences, 00920 Helsinki, Finland

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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