

## Special Issue

# Smart Infrastructure for Sustainable Urban Development: Integrating Green Design, Digital Innovation, and Resilient Policy

### Message from the Guest Editors

- **Focus:** Specifically, the Special Issue will address smart and sustainable urban infrastructure, including the integration of digital technologies (e.g., IoT, AI, BIM), green construction practices, and climate-resilient urban design. This paper explores how these elements work together to enhance sustainability, livability, and resilience in rapidly urbanising areas.
- **Scope:** In this Special Issue, we invite contributions from the fields of urban planning, civil engineering, architecture, public policy, and data science, including empirical research, technical innovations, case studies, policy analyses, and theoretical frameworks. Topics of interest may include, but are not limited to, the following:
  - Retrofitting and designing energy-efficient buildings;
  - Predictive maintenance and digital twins;
  - The role of smart city technologies in sustainable development;
  - Infrastructure resilience strategies in the face of climate change;
  - Innovation in governance and regulation for sustainable urban development;
  - Infrastructure integration of renewable energy;
  - Construction practices that are environmentally friendly and circular.

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### Guest Editors

Prof. Dr. Peter Farrell

Prof. Dr. Abdul Salam Darwish

Dr. Khaled M. Alhosani

Dr. Yaser Omar Kaied

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### Deadline for manuscript submissions

30 June 2026



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## 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.

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## Editor-in-Chief

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