

Special Issue

Smart, Sustainable and Resilient Infrastructures, 2nd Edition

Message from the Guest Editors

The purpose of this Special Issue is to integrate the three complementary axes of intelligence, sustainability, and resilience through two key themes: the first focusing on improving the efficiency and effectiveness of the design, construction, operation, monitoring, and maintenance processes; and the second focusing on improving infrastructure performance. Topics of interest for this Special Issue include, but are not limited to:

- Infrastructure life-cycle sustainability assessment;
- Life-cycle costing;
- Infrastructure projects and works;
- Technology and design innovation;
- Sensing technologies, real-time data acquisition, and analysis;
- Smart infrastructure management systems;
- Building information modelling;
- Cleaner and lean production;
- Smart and sustainable infrastructure project management practices;
- Smart and sustainable design, construction, operation, maintenance, and decommissioning practices;
- Sustainability indicators;
- Methodologies and tools to reduce the environmental, economic, and social impacts of infrastructure projects;
- Drivers for increasing the intelligence, sustainability, and resilience of infrastructure projects;
- Green infrastructure;

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2023)



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