

Special Issue

Advanced Materials in Sustainable Infrastructure

Message from the Guest Editor

Sustainable infrastructure ensures long-term economic, social, environmental sustainability together with climate resilience over the entire infrastructure life cycle, from planning and design, to construction and operation, to decommissioning. Significant investment in infrastructure is required to meet the Sustainable Development Goals by 2030 and net zero emissions by 2050. Construction materials have a key role in sustainable and resilient infrastructure while infrastructure projects also play a key role in circularity in construction. Engineering innovation promotes new and sustainable materials, green infrastructure and nature-based solutions, which in turn support society's resilience to climate change. This Special Issue will review key innovation in the development, application and monitoring of advanced materials and cement-composite materials and structures for sustainable and climate resilient infrastructure. For this Special Issue, you are invited to propose solutions through advanced material engineering for sustainability and resilience in infrastructures, promoting low-environmental-impact, circular solutions and high performance.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2025)



Sustainability

an Open Access Journal
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Impact Factor 3.3
CiteScore 7.7



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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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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