

Special Issue

Improving Sustainability Performance of Physical Assets with Green Approaches and Digital Technologies

Message from the Guest Editors

Physical assets, including buildings, equipment, and infrastructure, are physical items which are able to generate value for the organizations that own them over their whole life cycle. As such, a life cycle perspective is inherent in their economic, environmental, and social management. Literature has shown that physical asset management practices substantially affect the sustainability performance of organizations. This Special Issue invites papers that contribute to knowledge on the use and development of green approaches and of smart technologies to improve the sustainability performance of buildings, infrastructure, equipment, or manufacturing systems over their life cycle. Papers exploring the link between digitalization and sustainable asset management, and papers presenting cases and applications are especially welcome. Different dimensions of sustainability may be addressed, individually or together, including social, economic, and environmental aspects, such as health and safety, job creation, total cost of ownership, carbon footprint, energy efficiency, and resource consumption, just to name a few.

Guest Editors

Prof. Onorio Saro

Prof. Damiana Chinese

Dr. Alessandra De Angelis

Dr. Pier Francesco Orrù

Deadline for manuscript submissions

closed (31 May 2022)



Sustainability

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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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