

## Special Issue

# Emerging Technologies to Promote Sustainability and Mitigate Climate Change through Asset Lifecycle

### Message from the Guest Editors

Through a lifecycle assessment lens, this Special Issue will focus on innovative construction methods, materials, technologies, and management that will contribute to the mitigation of emissions and provide adaption approaches for handling the impact of climate change. This Special Issue covers sustainability initiatives through a lifecycle assessment lens, including planning, material preparation and processing, design and construction, maintenance and monitoring, modification and upgrades, and demolishing and waste management –with focus on climate change mitigation. Articles submitted to this Special Issue will help enrich the existing literature with new material and technologies that help promote sustainability through a lifecycle assessment lens to help mitigate climate change.

### Guest Editors

Dr. Moatasem M. Fayyadh

Dr. Karol S. Sikora

Prof. Dr. Sivakumar Naganathan

Dr. Jianli Hao

### Deadline for manuscript submissions

closed (16 March 2023)



**Sustainability**

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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. *Sustainability* publishes original research articles, review 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

Prof. Dr. Marc A. Rosen

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