

Special Issue

Sustainable Design of Foundations and Substructures

Message from the Guest Editors

Dear Colleagues: The aim of this Special Issue is to collate recent research information and technological breakthroughs on the design and construction of sustainable foundations. The primary focus is the re-use and recycling of old foundations, as well as use of substructures to harness ground heat and storm water, thereby reducing dependence on mains electricity, gas, and water. The Special Issue will cover key areas in the sustainability of substructures:

factors driving sustainable use of foundations
site investigation and various geotechnical risks specific to sustainable substructures
ethical, financial, and legal issues associated with the re-use of foundations and heat extracting foundations
decision models for evaluating the recyclability and reusability of existing foundations
technical guidelines for designing foundations for future decommissioning and reuse
performance indicators for foundation sustainability
low carbon technologies in foundation construction
effective use of substructures for storage and purification of precipitation water harvesting systems
mitigating the impact of deconstruction and recycling of old foundations and other substructures

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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. *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.

Editor-in-Chief

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