



## Sustainable Design of Foundations and Substructures

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Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### 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

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**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

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