

Special Issue

Resilience Enhancement and Sustainable Development of Engineering Structures

Message from the Guest Editors

Engineering structure refers to various load-bearing components made of building materials that are interconnected into a certain form of combination in buildings, structures, and facilities such as houses, bridges, railways, marine engineering, ports, and underground engineering, supporting the healthy development of the entire society and the operation of cities. With the continuous construction of more and more cross sea bridges, immersed tube tunnels, high-speed railways, dams, ports, ocean platforms, and high-rise buildings worldwide, the resilience and sustainable development of engineering structures have become key challenges for the safe use of various infrastructure in extreme environments such as high-altitude cold, large canyons, and complex sea areas. This Special Issue aims to explore in depth the design, construction, and operation maintenance of engineering structures, with a focus on the resilience of engineering structures under complex environmental conditions and extreme loads, as well as their healthy operation throughout their entire service life cycle.

Guest Editors

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