



Seismic Design of Steel and Steel/Concrete Composite Structures

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Deadline for manuscript
submissions:
closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

The seismic design of steel and (steel/concrete) composite structures has recently shown significant progress and momentous advances as a result of the convenience of vigorous methods of computational earthquake engineering, modern approaches of performance-based seismic design, and the production of a very large number of experimental tests. Nevertheless, despite these developments in the seismic design of steel and composite structures, there are many tasks yet to be clarified. This Special Issue shall provide experimental, analytical, and numerical studies on both steel and steel/concrete composite structures subjected to seismic loads and aim to cover the state of the art on both traditional and innovative design methods as well as to present research guidelines for the future. The Special Issue examines the following topics, without being limited to them: performance-based seismic design of steel or composite structures; improvements for earthquake-resistant code provisions; design of seismically isolated steel or composite structures; repair and rehabilitation of steel or composite structures; steel or composite bridges, etc.

