Special Issue

Selected Papers from the 4th International Conference Steel and Composites for Engineering Structures (4thICSCES)

Message from the Guest Editors

It is with great pleasure that we announce a new Special Issue of Buildings, entitled "Selected Papers from the 4th International Conference Steel and Composites for Engineering Structures (4thICSCES)".

The 4th International Conference of Steel and Composite for Engineering Structures (4thICSCES) will be held in Piacenza, Italy, on 9-12 July 2025. The conference will be jointly hosted by the Piacenza's Regional Campus Arata of Politecnico di Milano.

This Special Issue features expanded papers invited by the 4th ICSCES organizers, based on selected conference contributions.

This Special Issue will offer an exceptional multidisciplinary forum where academics and industry researchers can showcase the latest advancements, challenges, and trends in the fields of steel and composites, modeling and simulation, and structural health monitoring for engineering structures. In this Special Issue, researchers will be able to exchange their experiences and research findings through original research articles, case studies, and comprehensive review papers.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

Editor-in-Chief

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