

Special Issue

Seismic Assessment and Retrofit of Industrial Facilities and High-Technological Buildings

Message from the Guest Editors

The integrity of industrial facilities (e.g., energy plants, tanks, silos, pipelines, steel racks) and high-technological buildings (e.g., hospitals, logistic centers) after severe seismic events is essential to ensuring full operation (i.e., resilience) and a prompt response of hit communities and territories when these events occur. However, the seismic assessment of these structures and the design optimal retrofiting interventions are not always sufficient due to: (a) the massive presence of non-structural components and other resisting systems with quite uncommon structural properties; (b) the complex dynamic interaction with the main supporting frame. Within this framework, the papers included in this Special Issue aim to address some of these specific issues, and to propose novel approaches/technologies for the seismic retrofit of these structures.

Guest Editors

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Deadline for manuscript submissions

closed (20 November 2021)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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