Special Issue

Seismic Impacts on Structures and Infrastructures

Message from the Guest Editors

Experimental and theoretical studies to determine the seismic stability of earth dams and reservoir dams are also critical since their destruction can have catastrophic consequences. Therefore, the determination of sliding surfaces and collapse of soil structures, taking into account the degree of moisture content of the soil massif and the soil's inelastic properties, are very relevant. Ensuring the strength and stability of underground and underwater pipelines and tunnels during seismic impacts are the primary tasks of the population's life support. The preservation of the environment also depends on the seismic safety of underground pipelines that transport energy carriers. Experimental studies of the behavior of underground and above ground structures under seismic or equivalent dynamic effects are very important. In recent years, centrifugal modeling methods have been effectively used in experimental studies of structures and their dynamics. The experimental results have undoubtedly led to new knowledge and, consequently, to new theories in seismic resistance of structures and infrastructure.

Guest Editors

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Deadline for manuscript submissions

closed (10 September 2021)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/76364

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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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