

Special Issue

Technologies and Methodologies for the Assessment of Structures and Infrastructures in the Presence of Natural Hazards

Message from the Guest Editors

Reliable assessment of structures and infrastructures in the presence of natural hazards is critical to ensure the social and economic activities. Modern society strongly depends on infrastructure to perform critical functions, such as food, water and energy supply, transportation, healthcare and life safety. Failure or breakdown of structures and infrastructures might have, therefore, severe consequences. Financial and workforce resources to protect infrastructures from damage caused by extreme events are limited, so an efficient use of the available resources is critical and it can be achieved only through reliable methodologies to predict the consequences of natural hazards and set priorities. The goal of the Special Issue is to publish research papers focused on technologies and methodologies for risk assessment of structures and infrastructures in the presence of natural hazards, and for the rapid evaluation of their performance and health state in the case of an event.

Guest Editors

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