

Special Issue

Application of Remote Sensing in Earthquake-Induced Geological Hazard and Building Damage

Message from the Guest Editors

With the rapid advancements of remote sensing and geographic information systems, especially the widespread adoption of high-precision Earth observation techniques, sensors, and large-scale data acquisition, significant progress has been made in addressing scientific issues related to earthquake-induced geological disasters and building damage. This Special Issue provide a forum for original research in the applications of remote sensing for earthquake-induced geological disasters and building damage. Moreover, innovative methods and original applications to earthquake-induced geohazard prediction, recognition, formation mechanism, susceptibility mapping, risk management, and building damage, would be highly appropriate for inclusion. Topics are include, but not limited to:

- The database of landslides related to extreme events or mountainous areas;
- Physics-based and data-driven landslide susceptibility mapping;
- The post-failure evolution and prediction of geohazards both temporally and spatially using remote sensing techniques;
- Damage detection based on UAV and satellite remote sensing;
- Damaged buildings based on visible, thermal infrared, SAR, and Lidar sources

Guest Editors

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

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