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Mapping, Monitoring and Assessing Disasters II

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Deadline for manuscript submissions:
closed (30 September 2023)

Message from the Guest Editors

Dear Colleagues,

Detecting, mapping, and monitoring technologies and related studies and applications play a significant role in disaster management and disaster risk reduction. In the past, the mapping of a disaster and its impact was generally a time-consuming procedure, the results of which would only be available long after the completion of the response actions and recovery process. In recent decades, geospatial technological advances have boosted the efficiency of disaster mapping and made it possible for involved scientists and researchers to acquire and analyze related information and disseminate critical data to the scientific community, the authorities involved in disaster management, the affected population, and the general public.

The purpose of this Special Issue is to collect research advances in detecting, mapping, monitoring, and assessing disasters such as earthquakes, tsunamis, landslides, liquefaction, floods, and forest fires using innovative techniques as well as for monitoring disaster recovery. With this aim, original research articles, review articles, and innovative study approaches are welcomed.

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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.

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