Special Issue

Novel Research on Natural Disaster Prediction and Prevention Technology

Message from the Guest Editors

With the increasing frequency and intensity of natural disasters, advancements in this field are crucial. Recent studies have focused on integrating meteorological and geological data to enhance forecast accuracy, and innovations in remote sensing, machine learning, and big data analytics are being harnessed to predict disasters such as rainstorms, floods, earthquakes, hurricanes, and so forth. Moreover, research on resilient infrastructure and community preparedness is gaining momentum.

This Special Issue showcasing the latest scientific and technological advancements in natural disaster prediction and prevention. Submissions should provide insights into the integration of technology into emergency response, risk assessment methodologies, and the role of public policy in enhancing disaster resilience. We encourage authors to present empirical research, case studies, and theoretical explorations that demonstrate the effectiveness of novel approaches in mitigating the impact of disasters.

Guest Editors

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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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