



Innovative Technologies and Strategies in Disaster Management

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Message from the Guest Editors

Currently, since it is a difficult task for humans to react to disasters quickly, efforts have been made to recognize and forecast hazards, assess damage impact, and bounce back (or forward) to a new equilibrium. Creating systems to predict, prevent, and efficiently respond to disasters is becoming an urgent priority. In addition, it is necessary to develop effective management strategies and good practices to strengthen communities and co-create disaster resilience.

These technologies are essential in disaster management, enhancing prediction, assessment, and response. Furthermore, since disaster information and data are usually widely distributed and owned by different agencies, efficiently organizing and sharing resources becomes troublesome.

Thus, this Special Issue aims to encourage scholars and experts to report on strategies for effectively using innovative technologies in any or all stages of the disaster cycle. This Special Issue seeks to tackle the barriers encountered in utilizing innovative technologies and contribute to discussing and designing policy implications that may improve disaster risk reduction.





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