Special Issue

Advances in Disaster Risk Sciences in the Era of Big Data

Message from the Guest Editors

Under the background of global warming, natural hazards have severely threatened—will continually and inevitably threaten—human lives and properties throughout the world. To accurately and rapidly quantify the risks from such intensified natural hazards, new methods are highly required related to three aspects including hazard, exposure and vulnerability analyses. Fortunately, Big Data is offering a good opportunity for discovering new knowledge and providing powerful tools to accurately quantify the integrated risks from natural hazards. Therefore, the special issue aims to encourage researchers to address the recent progresses in the field of disaster risk sciences, fully taking advantage of the new opportunities from Big Data in topics including, but not limited to, the following: 1. Advanced theoretical and methodological issues on quantifying disaster risks; 2. Every progress related to hazard, exposure and vulnerability analyses; 3. Disaster risk development, communication, transition, and governance.

Guest Editors

Prof. Dr. Zhao Zhang
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Deadline for manuscript submissions

closed (31 December 2023)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/114718

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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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