Special Issue

Flood Risk and Geo-Hazards: The Strategy for Prevention and Mitigation

Message from the Guest Editor

Flood risks and geo-hazards are global phenomena that lead to disasters when the coping capacity in the affected region is inadequate. They include land and mudslides, volcanic eruptions, storm surges, tsunamis, tidal waves, debris flow, avalanches, droughts, and all types of cyclones. Recent disasters of this category include mudslides in India and Nepal; floods and storms in the Middle East, Brazil, the US, Europe, and China; typhoons in East Asia and the Caribbean; and tsunamis in Japan, all of which have resulted in significant casualties and billions of dollars of economic damage. It is also believed that anthropogenic factors have contributed to an increasing trend in the frequency and severity of such disasters. Since natural hazards are not preventable, the only way to minimize the risks is by providing structural and/or non-structural means of disaster mitigation. The latter are more cost-effective, and efforts need to be made to promote the development and implementation of early warning systems. This Special Issue of *Applied Sciences* aims to promote the development and dissemination of research efforts and results to a wider audience.

Guest Editor

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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.

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