



Natural Hazard Assessments through Soft Computing methods and GIS-based modeling

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Message from the Guest Editors

The overall goal of the special issue “Natural Hazard Assessments through Soft Computing methods and GIS-based modeling” is to provide a forum for advancing the successful implementation of Soft Computing methods and Geographic Information Systems, for the assessment of Natural Hazards. Natural Hazards, which include earthquakes, floods, landslides, volcanic eruptions and wildfires, appear as a result of the progressive or extreme evolution of climatic, tectonic and geomorphological processes but also the impact of human activities.

This Special Issue aims to provide an outlet for peer-reviewed publications, that implement state-of-the-art methods and techniques incorporating Soft Computing methods and GIS to map, monitor, predict, and assess Natural Hazards. This special issue aims to cover, without being limited to, the following areas: (a) Evaluating of loss and damages after earthquakes, floods, landslides and wildfires, (b) monitoring, mapping and assessing landslides, floods and wildfires.





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Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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