The Influence of Land Use Dynamics on Natural Hazards Using Remote Sensing Techniques

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Deadline for manuscript submissions:
closed (31 August 2023)

Message from the Guest Editors

Over the last few decades, Earth's surface has suffered a large number of land use changes, which are triggered mainly by the human pressure put on landscapes, such as through urbanization, forest management practices, agricultural practices, etc. Land use change increases the frequency and intensity of natural disasters, such as landslides, floods, and earthquakes. Since remote sensing is widely acknowledged as the most important technology for mapping, monitoring, and the assessment of natural hazards, continuous advancements in RS enable us to quickly collect data concerning land use changes that can be employed in the study of natural disasters. Councils and emergency services can employ remote sensing to deliver both detailed and summary information, assisting in decision-making in the event of a hazard or disaster. This Special Issue focuses on examining the impact of various natural hazards caused by land use, utilizing various remote sensing techniques. We welcome you to submit unpublished, original essays that describe recent developments in these fields or in closely related ones.

mdpi.com/si/148809

Special Issue

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Message from the Editor-in-Chief

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