

Special Issue

Advanced Application of Geoinformatics and Artificial Intelligence on Disaster Risk Management

Message from the Guest Editors

In recent years, environmental changes and rapid economic growth have increased the frequency and intensity of disasters, such as COVID-19, floods, earthquakes, hurricanes, etc. Effective disaster risk management contributes to sustainable development. This special issue aims to challenge how to comprehensively utilize geoinformatics, remote sensing, spatial statistics, and geospatial artificial intelligence (GeoAI) to improve disaster risk management and environmental sustainability, multidisciplinary and interdisciplinary approaches are encouraged. Research areas may include (but are not limited to) the following: (1) GeoAI in disaster risk identification and assessment (2) Intelligent networking and social media in disasters (3) Statistical analysis and risk mapping (4) New applications of extended reality (XR) in disasters (5) Virtual Geographic Environments (VGEs) (6) Disaster intelligent prediction and scenario simulation We look forward to receiving your contributions.

Dr. Lin Fu

Guest Editors

Dr. Weilian Li
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Deadline for manuscript submissions

closed (31 December 2023)



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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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