



Tsunamis and Tsunami Warnings: Recent Progress and Future Prospects

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Message from the Guest Editors

Dear Colleagues,

The ocean brings many benefits to humans, but it also has a dangerous side. One of the dangers presented by the ocean is tsunamis. Tsunami countermeasures, warning systems, and evacuation facilities need to be continuously improved. To create these and make them function effectively, it is necessary to consider the characteristics exhibited by tsunamis in various phases such as tsunami generation, propagation, attack on structures, and the transportation of sediments and debris. Various techniques are required to understand these phenomena, such as theoretical, numerical, and experimental approaches, as well as real-time observation of water level, ground displacement, land slide, volcanic activity, atmospheric pressure, etc., for forecasting and data assimilation. Furthermore, we should carry out risk management using fragility curves, supply chains, business continuity plans, etc. This Special Issue collects cutting-edge research—articles and reviews—in various fields related to tsunamis, and is intended to be of use for future research on tsunami disaster prevention and mitigation.

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Message from the Editor-in-Chief

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