



Coastal Hazards and Safety

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Message from the Guest Editors

Coastal hazards include a wide range of phenomena triggered by natural or human factors with economic, environmental, and safety impacts. In recent decades, the ongoing threats from coastal hazards are tremendously exacerbated as consequences of climate change and escalating human and engineering activities in coastal areas.

This Special Issue focuses on the hazards associated with coastal engineering and invites submissions that exploit state-of-the-art research, case studies, and lessons learned through failures, including (but not limited to) long-term or short-term erosion of coastlines, storm tide inundation, submarine slope stability analysis and monitoring, liquefaction due to ocean storms or earthquakes, solute transport in marine sediments, local scour and protection, problems associated with fluid–structure or fluid–soil–structure interactions, as well as tsunami-induced coastal hazards and coastal hazards associated with sea-level rise and climate change. Submissions using analytical, spatial, mathematical, and numerical methods, field investigations and physical modeling, as well as comprehensive review studies, are welcome.





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