

## Special Issue

# Sea-Level Rising—Coastal Vulnerability and Adaptation Management

### Message from the Guest Editors

Accelerating sea-level rise, compounded with more intense and wetter cyclones and growing coastal development, are expected to greatly increase the vulnerability of coastal communities, critical infrastructures, and coastal resources including wetlands, beaches, and coral reefs which offer protection to coastal hazards. There is an urgent need to develop a new framework and paradigm for coastal vulnerability analysis based on the best available science and a holistic approach which addresses the compound impact of various drivers and their interactions in the remainder of the 21st century. Based on the results of science-based vulnerability analysis, coastal communities can develop adaptation management plans including the restoration of wetlands and coral reefs, the revision of flood management standard and building codes, the development of future coastal flood maps, strategic migration, etc. We aim to produce a Special Issue to inform the scientific community and coastal communities of the latest advances in coastal vulnerability and adaptation management. We welcome original contributions or review papers in related areas.

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### Guest Editors

Prof. Dr. Peter Sheng

Dr. Trevor Meckley

Dr. Karen Thorne

Dr. Vladimir Paramygin

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### Deadline for manuscript submissions

closed (30 April 2024)



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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

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