



The Current State of Vulnerability Assessments and Adaptation Action Plans Designed to Reduce Emerging Climate-Related Risks in the Coastal Zone

Guest Editor:

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Message from the Guest Editor

The purpose of Special Issue is to provide a review of the current state of vulnerability assessments and associated adaptation action plans designed to reduce climate-related risks in the coastal zone. Over the past 30 years, coastal zone scientists, engineers, planners, social scientists, economists, resource managers have been striving to quantify risks, formulate adaption plans, and successfully implement those plans to mitigate disruptions in the built, natural, and human environment commensurate with climate change. These efforts has matured over time in response to an increase in the knowledge base and relevant emerging technologies:

- Novel techniques to quantify and remediate risk and vulnerability (rising groundwater elevation, saltwater encroachment, and the structural integrity of coastal (infra)structures)
- Adaptive strategies to enhance resilience of the natural environment to sea-level rise
- Innovative approaches toward garnering public and legislative support for an action plan, overcoming implementation obstacles and evaluating outcomes
- Investigations or studies conducted in accordance with environmental justice and/or underserved communities





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