Coastal Vulnerability and Mitigation Strategies: From Monitoring to Applied Research

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Deadline for manuscript submissions:
30 November 2019

Message from the Guest Editors

The main focus of this Special Issue is the state-of-the-art and recent research on continental shelf vulnerability and relative management strategies for protecting coastal areas from a sustainable perspective.

The outlook of mitigation strategies against flooding and erosion and in the perspective of possible climate change are of interest. Protection against sea level rise will be especially important, as changes in sea level damage beaches and coastal systems. Contributions dealing with ecological coastal defense and innovative monitoring technique are strongly encouraged. Further, innovation in management tools for coastal managers and applied research in the topic of coastal zone management are also welcome.

Conservation of coastal systems and ecosystems requires the insights of a number of monodisciplinary, multidisciplinary, as well as integral studies and approaches. Under this vision, in this Special Issue, an ensemble of interdisciplinary articles will be then collected, emphasizing the importance of tackles technical and scientific problems at different scales and from different point of view.
Editor-in-Chief

Prof. Dr. Arjen Y. Hoekstra
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Message from the Editor-in-Chief

The relevance of water in human development and sustaining life, fuels general and scholarly interest in the world’s water resources. A better understanding of all aspects of water and its relation to food supply, energy production, human health, and the functioning of ecosystems is key in managing this precious resource in a sustainable, efficient and equitable manner. Water invites authors to provide innovative original full articles, critical reviews and timely short communications. We ensure a critical review process and a quick turnaround between submission and final decision.

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CiteScore (2018 Scopus data): 2.66, which equals rank 39/203 (Q1) in 'Water Science and Technology' and rank 34/204 (Q2) in 'Aquatic Science'.

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