Special Issue

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

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

Guest Editor

Dr. Randall W. Parkinson

Institute of Environment, Florida International University, Miami, FL, USA

Deadline for manuscript submissions

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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

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