Special Issue

Study on Environmental Hydrology and Hydrodynamic Characteristics of Basins, Estuaries and Offshore

Message from the Guest Editors

Human existence and economic development are intimately linked to watersheds, estuaries, and coastal areas. Understanding the aquatic environment in coastal areas is crucial for resource protection, exploitation, and use. The estuary's primary influencing region is the nearshore, and changes in the nearshore water environment are directly impacted by the river's substantial supply of fresh water as well as other materials including sediment and pollution. The study of the environment and hydrodynamic properties of basins, rivers, and nearshore is the main topic of this Special Issue, which includes the following subtopics:

- Water environment research
- Hydrodynamic issues in the estuary and nearshore environments
- Hydrodynamic characteristics and numerical simulations of coastal waters and rivers
- Watershed ecosystem degradation and repair mechanism
- Marine environmental protection and pollution control

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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

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