Special Issue

Long-Term Coastal Evolution and Morphodynamics: Ecosystem Protection and Coastal Safety

Message from the Guest Editors

Coastal regions are characterized by their flourishing economies and well-developed societies. Nevertheless, their geological environments are notably fragile. In the context of global climate change, human activities have caused sea-level rise and a decline in river flow; coastal areas are confronted with immense geological–environmental pressures. This Special Issue aims to provide readers with information on the latest research progress in the field of long-term coastal evolution, including (but not limited to) delta transgression and regression, Holocene sea-level change, coastal and shallow-sea morphodynamics, tidal flat and wetland ecosystem adaptations, shoreline migrations, etc. The goal of this Special Issue is to explore the patterns and driving mechanisms of natural succession at different scales and to support the development of nature-based solutions for ecosystem protection and coastal safety recommendations.

Guest Editors

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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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