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Sediment Transport Process and Biogeochemical Cycle on Estuarine and Coastal Zone

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Message from the Guest Editors

Estuaries and coasts are important matter and energy convergence/divergence zones, comprising some of the world's most productive and ecologically significant ecosystems, and meanwhile, these zones typically have developed economy, dense population and highly intensive exploitation.

We invite you for submissions on Special Issue “sediment transport process and biogeochemical cycle on estuarine and coastal zone” from a range of disciplines.

Topics may include, but are not limited to the followings:

- * The process of sediment entrainment and deposition on estuarine and coastal zone
- * Biogeochemical cycles on estuarine and coastal zone
- * sediment transport and sedimentation; sedimentary geochemistry
- * carbon cycles: POC, DIC, DOC, CDOM, and other related components on estuarine and coastal zone
- * Physical and chemical processes in the atmosphere
- * Water turbulence and sediment transport processes in the shallow water environment
- * Mathematical and statistical techniques applied to biogeochemical processes



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Special Issue



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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.

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