

Special Issue

Riverine Inputs into the Ocean— a Sedimentological and Geochemical Approach

Message from the Guest Editor

The input of riverine freshwater into the open sea is a crucial contribution to the wealth of coastal environments. To understand this influence, detailed studies and models are needed. These studies include the dynamic analysis of water and sediment inputs, both being chemically reactive agents. Riverine water reaching the ocean is frequently highly processed by fluvial and estuarine processes and therefore may have different geochemical properties. On the other hand, riverine sediments, are composed mainly of siliciclastic particles which are also not “inactive”. Bedload is usually quartzic and chemically “neutral”, but suspended load has high reactivity and adsorption capabilities. This Special Issue aims to gather original contributions about the influence of riverine inputs into the coastal environment. Regional or local case studies, conceptual approaches or quantified models are welcome. Rivers and coasts from different latitudes frameworks will also be important for understanding the relative weight of the climatic, geomorphic and geological factors. For details, please find at:

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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

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