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Numerical Modelling of Circulation and Biogeochemistry of Esturine-Coastal Continuums

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Deadline for manuscript submissions:
closed (31 October 2019)

Message from the Guest Editors

Dear Colleagues,

The estuary–coastal continuum is a common feature along the continental margin that is exposed to pressures and hazards from both land and sea. Numerical modelling and satellite imagery have emerged over the past several decades as accepted tools in estuarine coastal research.

This Special Issue contributes to the study of physical and biogeochemical variability along the estuary–coast continuum, and should bring new insights and approaches to the management of such systems, as well as to dealing with the associated risks and uncertainties. We intends to bring together the scientific community, merging the contributions from several disciplines of estuarine and coastal science (numerical modellers, physical oceanographers, marine biologists, engineers, etc.).
We invite contributions focusing on:

- State-of-the-art circulation and biogeochemical models for the estuary–coastal continuum

- Dynamics and variability at the estuary–coastal continuum

- Satellite data studies in estuaries and coastal systems

- Case studies and scenario analyses (natural and human)

Dr. Nuno Vaz
Dr. Marcos Mateus
Prof. Dr. João Miguel Dias
Guest Editors

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Special Issue

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Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherentset of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientificallybased political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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