



## Coastal and Continental Shelf Dynamics in a Changing Climate

Guest Editors:

**Prof. Dr. Serafeim E. Poulos**

Department of Geography and  
Climatology, Faculty of Geology and  
Geoenvironment, National  
and Kapodistrian University of  
Athens, 15772 Athens, Greece

poulos@geol.uoa.gr

**Dr. Vasilios Kapsimalis**

Institute of Oceanography,  
Hellenic Centre for Marine  
Research, 46.7 km Athens-Sounio  
Ave., 19013 Anavyssos, Greece

kapsim@hcmr.gr

**Dr. Ioannis P.**

**Panagiotopoulos**

Institute of Oceanography,  
Hellenic Centre for Marine  
Research, 46.7 km Athens-Sounio  
Ave., 19013 Anavyssos, Greece

jpanagiot@hcmr.gr

Deadline for manuscript  
submissions:

**21 March 2021**

### Message from the Guest Editors

The research on coastal areas and shelf seas has to be increasingly focused on producing data and information to promote a science-based understanding of the changes in these environments with their consequences and to enable realistic assessments of the potential benefits and risks of human activities. Hence, the ambition of this Special Issue is to draw the attention of all environmental scientists in order to fill significant knowledge gaps related to pressures, impacts and trends in coastal areas and shelf seas, configured by the climate change and increased human presence.

1. Changes in hydrodynamics and sediment dynamics in relation (for example) to the impacts of sea level rise and modified storm intensities, coastal defence measures, dredging operations, offshore constructions, long-term coastal evolution and interactions of shelf seas with the ocean.
2. Anthropogenic impacts on shelf water's biogeochemical cycles derived, for example, from changes in agriculture practices, dam operations, urban and industrial sewages, etc.
3. Biological changes (e.g., benthic biodiversity, food webs under the influence of new invasive species and climate change).





*water*

IMPACT  
FACTOR  
2.544

an Open Access Journal by MDPI

## Editor-in-Chief

### Dr. Jean-Luc PROBST

ECOLAB, Centre National de la  
Recherche Scientifique (CNRS),  
University of Toulouse, campus  
ENSAT, Auzeville Tolosane,  
France

## 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.

## Author Benefits

**Open Access:**—free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed by the **Science Citation Index Expanded** (Web of Science), [Ei Compendex](#) and [other databases](#).

**CiteScore** (2019 Scopus data): **3.0**, which equals rank 82/217 (Q2) in 'Water Science and Technology', rank 88/219 (Q2) in 'Aquatic Science' and rank 147/679 (Q1) in 'Geography, Planning and Development'.

## Contact Us

---

*Water*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/water](http://mdpi.com/journal/water)  
[water@mdpi.com](mailto:water@mdpi.com)  
[@Water\\_MDPI](https://twitter.com/Water_MDPI)