



water

an Open Access Journal by MDPI



Protecting Coastal Environments from the Effects of Climate Change and Urbanisation

Guest Editors:

Dr. Matteo Rubinato

School of Energy, Construction
and Environment & Centre for
Agroecology, Water and
Resilience, Coventry University,
Coventry CV1 5FB, UK

Dr. Ming He

School of Civil Engineering,
Tianjin University, Tianjin 300350,
China

Dr. Huabin Shi

State Key Laboratory of Internet
of Things for Smart City and
Department of Ocean Science
and Technology, University of
Macau, Macao 999078, China

Deadline for manuscript
submissions:

closed (30 November 2021)

Message from the Guest Editors

Coastal environments are some of the most populated on Earth but, with greater challenges projected in the future due to climate change and urbanisation, their healthy existence is increasingly perilous. Increased storm surge, flooding, and erosion due to sea-level rise (SLR) and land subsidence (LS) are major natural hazards that coastal regions will face in the 21st century, with potentially high socio-economic impacts. Furthermore, industrial spillages, effluents from sewage, refineries, urban and storm water runoff or oil leakages from broken ships can cause water quality issues, especially if the contaminants are dispersed under specific wave and current conditions, generating impacts on livelihoods of people, public health and local water quality.

Therefore, there is a strong need to develop sustainable techniques that could protect coastal regions from meteorological and hydrological hazards and the diffusion and dispersion of pollutants. [...]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/protecting_coastal_environments



[mdpi.com/si/71177](https://www.mdpi.com/si/71177)

Special Issue



water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Centre de Recherche sur la
Biodiversité l'Environnement
(CRBE) UMR
CNRS/UPS/INPT/IRD, Centre
National de la Recherche
Scientifique (CNRS), University of
Toulouse, Campus ENSAT,
Auzeville Tolosane, Toulouse,
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 within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)