

Special Issue

Coastal Geomorphological Changes from Past to Present

Message from the Guest Editors

Coastal areas represent complex environmental systems controlled by a high number of forcing factors and processes acting over different time scales. Coastal landforms and their dynamics are the result of the interaction between factors acting on a local and global scale. This Special Issue focuses on a multidisciplinary aspect related to the study of the short- to long-term changes of coastal areas from the past to the present, such as climate changes, sea level oscillations, vertical ground deformations, and anthropogenic activities. Knowledge with respect to coastal evolutions permits the planning of monitoring and intervention strategies aimed at appropriate coastal management.

- coastal geomorphology and sea-level changes
- rocky coasts as an archive of sea-level change
- coastal monitoring and machine learning
- archaeological data as markers in sea-level studies
- rapid sea level changes: tsunami and storm surge
- advances in techniques and applications for sea-level analysis
- sea-level change and human activities
- modelling future flooding scenarios

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Guest Editors

Dr. Vincenzo De Santis

1. Department of Earth and Geoenviromental Sciences, University of Bari Aldo Moro, Bari, Italy
2. Interdepartmental Research Center for Coastal Dynamics, University of Bari Aldo Moro, Bari, Italy

Dr. Giovanni Scardino

1. Department of Earth and Geoenviromental Sciences, University of Bari Aldo Moro, Bari, Italy
2. Interdepartmental Research Center for Coastal Dynamics, University of Bari Aldo Moro, Bari, Italy

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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

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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

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR
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(CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane,
Toulouse, France

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