

Special Issue

Application of GIS and Remote Sensing in Coastal Processes

Message from the Guest Editors

Geographic information systems (GISs) and remote sensing have been widely applied in the monitoring of coastal processes, disasters, and environments, topics that have been increasingly drawing public awareness at a local, regional, and even global level. In recent years, many coastal areas in the world have experienced dramatic changes linked to land use and land cover (LULC) and various forms of water pollution typified by rapid industrial, urban, and agricultural development.

The Special Issue, “Applications of Geographic Information Systems and Remote Sensing in Coastal Processes”, invites original research articles and reviews that focus on the ongoing efforts toward monitoring and understanding land–ocean interactions, coastal responses to global climate change, and the effects of conservation on coastal landscapes through the use of Earth observations and in situ measurements. A non-exhaustive list of suggested topics includes the monitoring of coastal environments and disasters, coastal land-use changes, land subsidence, etc.

Guest Editors

Prof. Dr. Yuanzhi Zhang

Prof. Dr. Lin Li

Prof. Dr. Dongmei Chen

Prof. Dr. Zhongfeng Qiu

Deadline for manuscript submissions

closed (30 June 2024)



Water

an Open Access Journal
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Impact Factor 3.0
CiteScore 6.0



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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 CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

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