Special Issue

Application of GIS Models and Remote Sensing in Water Quality Evaluation, Land and Coastal Zone Management

Message from the Guest Editors

Remote sensing technology (RS) and Geographic Information Systems (GIS) take an essential role in achieving the UN's targets, especially Goal 6 (water), Goal 14 (life below water), and Goal 15 (life on land). Water quality may accelerate other goals, especially in land and coastal zone management.

This Special Issue will focus on applying remote sensing technology and Geographic Information Systems in water quality, land and coastal zone management. The aim is to compile the studies highlighting the RS and GIS application to propose a policy recommendation for achieving sustainability in water quality and land and coastal zone management. We welcome original research articles, study cases and reviews in several research areas focusing on water quality, land and coastal zone management (but are not limited to):

- Remote sensing and GIS application in the coastal zone area;
- Remote sensing and GIS application on natural water-related disasters;
- Remote sensing and GIS application in fishing grounds;
- GIS application on water ground modeling;
- SDG water, land and coast related.

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About the Journal

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

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