



## New Insights into the Application of Remote Sensing and GIS Technology for Monitoring Coastal Ecosystems

Guest Editor:

**Dr. Kurt McLaren**

Department of Geography and  
Environmental Sciences,  
Northumbria University, Ellison  
Place, Newcastle-upon-Tyne NE1  
8ST, UK

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submissions:

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### Message from the Guest Editor

The aim of this special issue is to explore the application of remote sensing and GIS for monitoring or mapping short or long-term changes in coastal ecosystems at various spatial scales. The stated aim relates to the following journal scope: biogeoscience remote sensing, multispectral and hyperspectral remote sensing, active and passive microwave remote sensing, lidar and laser scanning, change detection, image processing and pattern recognition, data fusion and data assimilation, spaceborne, airborne and terrestrial platforms and remote sensing applications. Submitted articles should focus on monitoring or mapping short or long-term changes in:

- Coastal wetlands, salt marshes, estuaries, and coastal forests
- Benthic ecosystems/habitats
- Benthic sediment composition and physical properties
- Shoreline topography/coastal erosion or accretion and bathymetry
- Physiochemical properties of coastal waters
- Damage and/or recovery of coastal ecosystems from anthropogenic and/or natural disturbance events
- Impacts of climate change
- River discharge, runoff events, terrigenous sediment input or turbidity in coastal waters





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Dr., Flagstaff, AZ 86001, USA

## Message from the Editor-in-Chief

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*Remote Sensing* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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