Special Issue

New Advances in Coastal Processes and Dynamics Using LiDAR

Message from the Guest Editors

The goal of this Special Issue of Remote Sensing is to collect papers (original research articles and review papers) that demonstrate novel uses of LiDAR to measure coastal phenomena, or produce new insights into coastal processes based on data collected using LiDAR. This open-access Special Issue invites high-quality and innovative scientific papers that describe exciting new coastal research based on LiDAR data collected in the laboratory or the field. Potential topics include, but are not limited to:

coastal erosion and recovery;
surf and swash zone hydrodynamics;
wave breaking processes;
wave runup and overtopping of coastal structures;
new LiDAR-based methods that extend our ability to measure coastal phenomena This Special Issue will benefit coastal engineers and scientists as well as LiDAR and geomatics scientists interested in non-traditional applications of terrestrial LiDAR.

Guest Editors

Dr. Chris Blenkinsopp

Research Unit for Water, Environment and Infrastructure Resilience (WEIR), Department of Architecture and Civil Engineering, University of Bath, Bath BA2 7AY, UK

Dr. Katherine Brodie

U.S. Army Engineer Research and Development Center, Coastal and Hydraulics Laboratory, Field Research Facility

Deadline for manuscript submissions

closed (31 December 2021)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/30934

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

mdpi.com/journal/remotesensing

MDPI

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

MDPI

About the Journal

Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank:

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)