Special Issue

Remote Sensing of Large Rivers

Message from the Guest Editors

Large rivers play important roles on Earth, such as transporting eroded materials from the continents to the ocean, facilitating the transfer of nutrients through biogeochemical cycles, and sustaining complex ecosystems and high levels of biodiversity. They are also important resources (energy sources, irrigation, food and transportation) and can even be hazardous for human populations. Remote sensing can be one of the most efficient and relevant means to regularly assess the spatiotemporal dynamics of various riverine environments, including channels, floodplains, lakes, reservoirs and wetlands over a large scale. We invite studies of large rivers solidly based on any types (active or passive) and platforms of remote sensing, including water resources, fluxes or the management of large rivers, as well as review articles. We particularly encourage the submission of remote sensing studies analyzing the vulnerability and responses of large fluvial systems, such as dam construction, deforestation, or sand mining activities.

- large rivers
- hydrology
- geomorphology
- ecology
- remote sensing

Guest Editors

Dr. Enner Alcântara

Department of Environmental Engineering, São Paulo State University (Unesp), Sao Jose dos Campos, Brazil

Dr. Edward Park

Earth Observatory of Singapore, Nanyang Technological University, 50 Nanyang Ave, blk N2-01a-15, Singapore 639798, Singapore

Deadline for manuscript submissions

closed (31 October 2019)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/16327

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

mdpi.com/journal/remotesensing

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)