



## Lake Remote Sensing

Guest Editors:

**Dr. Jean-Francois Crétaux**

CNES/ Legos, 14 Avenue Edouard  
Belin, 31400 Toulouse, France

**Dr. Rodrigo Abarca Del Rio**

Departamento de Geofísica  
(DGEO), Universidad de  
Concepción (UDEC), Casilla: 160-  
C, Barrio Universitario S/N,  
Concepción, Chile

**Prof. Dr. Claude Duguay**

University of Waterloo, 200  
University Avenue West,  
Waterloo, ON N2T 2R5, Canada

Deadline for manuscript  
submissions:

**closed (31 March 2020)**

### Message from the Guest Editors

Dear Colleagues,

All around the world, millions of lakes dot the landscape. Scientifically, lakes are of great interest in hydrology, limnology, climatology, biogeochemistry, and geodesy. Lakes and enclosed inland seas are integrators of environmental and climatic changes occurring within their contributing basins. The factors that drive lake conditions vary widely across space and time, and lakes, in turn, impact their surrounding environments in important and diverse ways. One of the most fruitful ways that lake scientists might collaborate is via the shared tool of remote sensing, which, through existing and planned sensors, can help to extend on-the-ground measurements to regional and global contexts. Existing and forthcoming remote-sensing technologies possess great potential to accurately monitor lake-storage change, water surface-temperature, ice, and watercolor. The aim of this Special Issue is to make state-of-the-art remote-sensing technology for studying lake changes and their interaction with their environment, and the impact and feedback of the climate change.





an Open Access Journal by MDPI

## 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

## 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.

## 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*)

## Contact Us

*Remote Sensing* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/remotesensing](http://mdpi.com/journal/remotesensing)  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)  
[X@RemoteSens\\_MDPI](https://twitter.com/RemoteSens_MDPI)