Special Issue

Beidou/GNSS Precise Positioning and Atmospheric Modeling

Message from the Guest Editors

With the development of BDS, Galileo, QZSS, IRNSS, and the modernization of GPS and GLONASS, more satellites and frequencies are becoming available that benefit GNSS applications, such as precise positioning, atmospheric modeling and timing. Abundant GNSS data provide good external conditions for the development of new theories, methods and applications. In this Special Issue, we are looking for articles that describe new methods and their applications, as well as research that explores new results of existing methods for both traditional and new applications, based on multi-frequency and multi-constellation GNSS. The range of applications considered is wide, but GNSS in precise positioning and atmospheric modelling will be the main area of focus. Recent research on applications of GNSS in time and frequency transfer, orbit determination of LEO satellites, and integrity monitoring are also welcome.

Guest Editors

Prof. Dr. Yunbin Yuan

Innovation Academy for Precision Measurement Science and Technology, Chinese Academy of Sciences, Wuhan, China

Prof. Dr. Baocheng Zhang

Innovation Academy for Precision Measurement Science and Technology, Chinese Academy of Sciences, Wuhan 430077, China

Deadline for manuscript submissions

closed (15 August 2022)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/76534

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

About the Journal

Message from the Editorial Board

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.

Editors-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

Prof. Dr. Dongdong Wang
Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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)

MDPI