Special Issue

Real-time GNSS Precise Positioning Service and its Augmentation Technology

Message from the Guest Editors

With the continuously increasing demand of real-time positioning and timing applications, real-time Global Navigation Satellite System (GNSS) precise positioning and services have drawn increasing attention in recent years. In this Special Issue, we invite original research and case studies that may include but are not limited to: Precise real-time GNSS positioning, navigation, timing, and relevant algorithms;High-precision orbit determination and clock estimation;Real-time retrieving of troposphere and ionosphere delay using GNSS observations;Identification of GNSS error sources and mitigation mechanisms;Earthquake and tsunami early warning using real-time GNSS;Real-time GNSS positioning application in smart cities, UAV, CAV, etc.;Structural health monitoring of large infrastructure using real-time GNSS;Volcano, earthquake, subsidence, and landslide monitoring using GNSS;GNSS PNT applications using augmentation systems;GNSS reflectometry for ocean and land applications;Technologies of integrated GNSS with pseudolites, INS, 3D laser scanning, vision systems, and space- and terrestrial-based Earth Observation.

Guest Editors

Prof. Dr. Xiaolin Meng

Prof. Dr. Chuang Shi

Prof. Dr. Qing Wang

Dr. Ruijie Xi

Deadline for manuscript submissions

closed (1 September 2020)

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

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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

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