Special Issue

Near Real-Time Remote Sensing Data and Its Geoscience Applications

Message from the Guest Editors

Near real-time satellite remote sensing of the earth has become a reality since response times for receiving data from existing and future purpose-built satellites can be limited to minutes. Multispectral image and video color image data with varying resolutions from intelligent satellite systems have become available for processing for a wide range of applications, including for aspects of the environment, including agricultural growth, disaster monitoring, floods and wildfires, atmospheric monitoring□sea and ice conditions for shipping, fire email alerts, national security, near real-time road and rail traffic usage, environmental applications including the assessment of ecosystem services and contributing to economic growth of urban and suburban areas. This Special Issue will welcome contributions on the design of intelligent satellite systems for near-real-time purposes, data processing for applications of near real-time data acquisition from satellites, advances in onboard processing for provision of applications-ready data to users, algorithms for processing of near-real-time video and multispectral data for information services.

Guest Editors

Prof. Dr. John Trinder

Surveying and Geospatial Engineering, School of Civil and Environmental Engineering, The University of New South Wales (UNSW), Sydney, NSW 2052, Australia

Dr. Zhiqi Zhang

School of Computer Science, Hubei University of Technology, Wuhan 430068, China

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Remote Sensing
Editorial Office
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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