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Real-Time Processing of Remotely-Sensed Imaging Data

Guest Editors:

Dr. Sebastian Lopez

Prof. Dr. Bing Zhang

Dr. Bormin Huang

Dr. Lucana Santos

Prof. Dr. Jun Li

Deadline for manuscript submissions:
closed (31 August 2019)

Message from the Guest Editors

Dear Colleagues,

This Special Issue of *Remote Sensing* is devoted to presenting state-of-the-art research on the real-time, or near-real-time processing of imaging data (including, among others, multispectral, hyperspectral, ultraspectral, SAR, LiDAR, PolSAR) captured from remote sensing platforms. Papers are solicited on, but not limited to, the following research topics:

- Low computational complexity and hardware-friendly algorithms for the real-time processing, analysis and/or compression of remotely-sensed images.
- Hardware/software embedded systems for on-board real-time processing, analysis and/or compression of remotely-sensed images.
- Fault tolerance, reconfigurability, low power and other techniques especially relevant for on-board satellite imaging systems.
- Utilization of on-ground high performance computing (HPC) facilities for the real-time processing, analysis and/or compression of remotely-sensed images.

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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.

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