remote sensing

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Advanced Communication and Networking Techniques for Remote Sensing

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Deadline for manuscript submissions:
closed (20 January 2020)

Message from the Guest Editors

Communication and networking in remote sensing systems directly influence the acquired results and system overhead. Regardless of whether the transmission data captured are figures or device control commands, communication between different devices requires the support of efficient networks and protocols. Advanced communication and networking technologies should consider the geo-distribution of heterogeneous sensing devices, the mobility of potential smart sensors, the application of software-defined networking (SDN), the high bandwidth requirement, the overhead of massive data transmission, the tradeoff between communication and computation, the reliability/scalability of the network, and so on.

- Communication technologies in remote sensing
- Advanced networking technologies in remote sensing
- Network building in extreme environment
- Testbed and simulators for communication and networking
- Performance evaluation and benchmarks for communication and networking
- Security and privacy in communication and networking
- Communication model and protocols
- Communication and networking resource management
- Application of advanced technologies

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Special Issue

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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.

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