Special Issue

Electronics for Environmental Remote Sensing: Bridging the Gap between Remote Sensing Science and Engineering

Message from the Guest Editors

Electronic circuits and systems are often utilized for collecting environmental measurement data for monitoring, prediction and forecasting purposes. In the context of remote sensing, this includes satellite sensors and near-surface-based instrumentation. This special issue invites the submission of papers on circuits and systems for active and passive remote sensing where both scientific principles and engineering of electronic circuits are considered. This includes:

- The use of mathematical modelling to provide estimates of environmental processes for circuit and system design
- Circuits and systems specifically designed for remote sensing of a certain environmental process
- Novel algorithms or techniques for calibration or validation of remote sensing systems and observations
- Design philosophies and frameworks for environmental remote sensing instrumentation that establish principles and techniques
- Reviews of remote sensing circuit operation that provide information for remote sensing scientists for pedagogical or teaching purposes

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Deadline for manuscript submissions

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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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