Special Issue

Uncertainty in Remote Sensing Image Analysis (Second Edition)

Message from the Guest Editors

Remote sensing has been widely used in various fields, such as agriculture, ecology, and urban planning, to extract useful information from satellite or aerial imagery. It should be noted that the reliability of remote sensing data is essential for further applications and scientific decision making. However, the complexity of natural environments and remote sensing imaging processes determines that uncertainty is an inherent attribute of remote sensing data. Moreover, different degrees of uncertainty may be introduced at various stages of processing and analysis. We invite researchers and practitioners to submit research papers to this Special Issue on "Uncertainty in Remote Sensing Image Analysis II". We welcome contributions that are not simply limited to the following topics:

- Methodologies for uncertainty quantification in remote sensing image analysis and applications;
- Algorithms or tools developed for uncertainty modeling;
- Uncertainty reduction in remote sensing image processing;
- Case studies that demonstrate the importance of uncertainty analysis in remote sensing applications.

Guest Editors

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Prof. Dr. Jon Atli Benediktsson

Deadline for manuscript submissions

closed (28 February 2026)

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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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