Special Issue

Monitoring, Assessment, and Prediction of Agroecosystem Dynamics for Sustainable Agriculture: Applications of Photogrammetry, Remote Sensing, and Geographic Information Systems

Message from the Guest Editors

In this Special Issue, we aim to foster the advancement of sustainable agriculture through technological innovation. Potential themes include, but are not limited to, the following:

- Precision agriculture and farm management: Innovative use of advanced methodologies for sustainable agricultural management.
- Crop productivity: Analysis and enhancement strategies for crop monitoring.
- Greenhouse gas emissions: Applications related to the measurement, reporting, and verification of emissions of three major greenhouse gases and their mitigation in agriculture.
- Crop health and disease surveillance: Development and application of predictive models for the early detection and management of crop diseases and pests, leveraging GISs and remote sensing data.
- Impacts of multiple environmental changes on agroecosystem dynamics: Comprehensive analyses on how multiple environmental changes affect agricultural systems.
- Socio-economic impacts of agroecosystem dynamics: Exploring the socio-economic implications of changing agroecosystems using remote sensing and GIS analyses.

Guest Editors

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Dr. Dipankar Mandal

Deadline for manuscript submissions

Remote Sensing

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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

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