

## Special Issue

# Forest Cover and Land Use Change Analysis using Remote Sensing and GIS Technology

### Message from the Guest Editors

Forests play a vital role in global wellbeing. However, rapid urbanization, climate change, and deforestation are significantly transforming global forest cover and land use patterns. Accurate data on forest cover and characteristics are also crucial for national and international forest inventories, monitoring programs, and reporting activities, particularly in the context of international agreements like the Kyoto Protocol and restoration initiatives. In this context, remote sensing technologies offer an efficient source of information, enabling the creation of accurate mapping products at various scales (temporal and spatial).

This Special Issue invites contributions exploring various aspects of forest cover and land use change analysis and mapping through remote-sensing technologies. Potential topics include, but are not limited to, the following:

- Temporal trend analysis;
- Image classification;
- Application of new sensors and technologies;
- Environmental effects;
- Multisource analysis;
- Harmonization efforts.

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### Guest Editors

Dr. Costanza Borghi

Dr. Giovanni D'Amico

Prof. Dr. Gherardo Chirici

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### Deadline for manuscript submissions

30 April 2026



## Forests

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### Message from the Editor-in-Chief

*Forests* (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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### Editor-in-Chief

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