

## Special Issue

# Remote Sensing Applications in Ecosystem Modeling and Landscape Dynamics

### Message from the Guest Editors

The intricate dynamics of ecosystems and landscapes are pivotal to our understanding of Earth systems. As the global population grows and human activities expand, accurate and timely environmental monitoring has never been more critical. Sensor and remote sensing technology has emerged as a powerful tool, offering unparalleled opportunities to observe, analyze, and model the complex interactions within ecosystems and across landscapes. This Special Issue, "Remote Sensing Applications in Ecosystem Modeling and Landscape Dynamics", aims to bring together cutting-edge research that leverages remote sensing data to advance our knowledge of ecosystem processes, landscape changes, and their implications for environmental management and conservation. We encourage submissions that not only present novel findings but also discuss the challenges and future directions in the field. This Special Issue seeks to foster a dialog among researchers, policymakers, and practitioners to harness the full potential of remote sensing in ecosystem and landscape studies.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2025)



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*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

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