

Special Issue

Advances in Remote Sensing on the Sustainable Development of the Global Environment

Message from the Guest Editors

Sustainable development issues are a very important part of the global environment, the core problem is global climate change. As a modern observation technique, remote sensing technology plays an important role in contributing to global challenges, including climate change, security, pollution, sustainable development and health. This Special Issue will mainly focus on the theories and methods of global terrestrial and marine ecosystem service evaluation, biodiversity monitoring, and so on; technologies for monitoring carbon sinks in terrestrial and marine ecosystems and their responses to climate change; and methods of polar sea ice estimation, its effect on sea-level rise and its responses to climate change. This Special Issue calls for papers that present original research on the following broad topics: (1) Quantitative remote sensing for terrestrial and marine ecosystems: new theories, algorithms, applications, and so on; (2) Carbon-cycle modeling of the global ecosystem and its impacts on climate change by using remote sensing; (3) Polar remote sensing: sea ice estimation and its responses to climate change.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2023)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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