

Special Issue

Remote Sensing of Mountain and Plateau Vegetation

Message from the Guest Editors

Global warming and accelerating CO₂ concentrations have exerted widespread impacts on terrestrial ecosystems, and the effects on vegetation dynamics in mountain and plateau regions are likely to be more pronounced over the past 30 years. Mountain and plateau are typically the source of rivers, the vegetation of which plays a crucial role in climate change mitigation and local ecological security, and is essential for the sustainable development of mankind. There are increasing evidences suggested that the rate of climate change warming is accelerating in mountain and plateau environments and thus affect the regional and even global carbon cycle. However, the effects of climate change on vegetation, carbon, and water cycle in mountain and plateau regions are not yet well known. Remote sensing has been widely used for its unparalleled advantages in detecting surface information on a global or regional scale. Therefore, we welcome submissions of the researches on the application of remote sensing technology to study vegetation, water, and carbon in mountain and plateau regions and their response to climate change, etc.

Guest Editors

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Deadline for manuscript submissions

closed (15 January 2025)



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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.

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