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Remote Sensing of the Amazon Region

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Deadline for manuscript submissions:
closed (31 July 2023)

Message from the Guest Editors

Due to the large territorial extension of the Amazon region, remote sensing is the most efficient tool to provide comprehensive spatial monitoring of its biogeosphere, including atmospheric components (particulates, water vapor, ozone, etc.), forest dynamics, land cover changes, and land use.

We invite papers (including reviews) dealing with all aspects of the environmental remote sensing of the Amazon, with the aim of diagnosing and elucidating the direct and indirect impacts of anthropic pressures on the Amazon region environment, including but not limited to:

- Vegetation and ecosystem dynamics: ecosystem fragmentation, disturbance and recovery, degradation, vegetation growth, biodiversity, changes in species composition and vulnerability;
- Biogeophysics monitoring and changes (energy, water, carbon fluxes, biomass estimates, rivers discharge, water resources);
- Atmospheric components: particulate, water vapor, ozone, CH_4, etc.;
- Land cover changes and land use over deforested and frontier regions;
- Feedbacks between climate and deforestation;
- New techniques for the remote sensing of tropical forests and savannas.

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Special Issue

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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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