Special Issue

Nighttime Light Remote Sensing Products for Sustainable Development Goals (SDGs)

Message from the Guest Editors

By capturing the rhythms of human presence after dark, Nighttime light (NTL) remote sensing observations offer unprecedented opportunities to monitor urbanization processes, energy consumption, socioeconomic development, and ecological impacts. Their long-term continuity, global coverage, and integration potential make NTL products an essential component of research and decision-making frameworks for advancing the United Nations Sustainable Development Goals (SDGs). The aim of this Special Issue is to gather innovative studies that advance both the methodology and application of NTL data. Topics of interest include sensor calibration and validation, the development of new NTL products, integration with socioeconomic and geospatial datasets, and applied research on urban dynamics, poverty and inequality, energy use and carbon emissions, ecological monitoring, and other sustainability challenges. Through these contributions, the Special Issue seeks to highlight the versatility of NTL observations and their potential to support interdisciplinary research and evidence-based policy.

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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.

Editor-in-Chief

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