Special Issue

Remote Sensing of Nighttime Observations

Message from the Guest Editor

Remote sensing of night lights allows observation of human activity from space for almost 30 years. Collecting the night light data involves cross-calibration of different sensors and multiple filters for moonlit clouds and terrain, lightning, energetic particles, air glow, and auroras. This Special Issue will highlight new techniques and applications of remote sensing of night lights. The possible applications include mapping of city lights, road network and light pollution, detection of blackouts, and intensity change resulting from urban and transportation development and military conflicts. The Special Issue extends the traditional scope of the night time observations of artificial lights on land to include lights in the ocean from fishing boats and multispectral infrared signals from high temperature sources, such as gas flares. We also invite papers on new nighttime sensors, including small satellites with high resolution sensors and cubesats.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2021)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/31654

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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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