



Remote Sensing of Nighttime Observations

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Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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