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Remote Sensing of Night Lights – Beyond DMSP

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Message from the Guest Editors

Dear Colleagues,

Nightlight remote sensing enables monitoring human activity from space. Since the 1990s, the DMSP/OLS sensors have been widely explored to quantify the relationships between nighttime brightness and human activity as well as socio-economic variables. In the last decade, new sensors offer better spatial, temporal and radiometric resolution than DMSP/OLS. This special issue aims to highlight novel research going beyond DMSP/OLS, emphasizing on topics of (but not limited to):
(1) The potential of new sensors to quantify night-time brightness at fine spatial and temporal resolutions; (2) Generation of products from the VIIRS/DNB sensor; (3) The correspondence between ground observations of artificial lights as well as light pollution and space borne measurements of nighttime brightness; (4) The spectral and directional properties of artificial lights; (5) Estimation of light pollution and human health impacts.

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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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