

Special Issue

Remote Sensing of Night Lights – Beyond DMSP

Message from the Guest Editors

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.

Guest Editors

Prof. Dr. Noam Levin

Dr. Christopher Kyba

Prof. Dr. Qingling Zhang

Deadline for manuscript submissions

closed (30 September 2018)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/11278

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)





Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)



About the Journal

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

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank:

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)