remote sensing

IMPACT FACTOR 4.2

CITESCORE 8.3

an Open Access Journal by MDPI

Light Pollution Monitoring Using Remote Sensing Data II

Guest Editors:

Prof. Dr. Martin Aubé
Department of Physics, Cégep de Sherbrooke, Sherbrooke, QC J1E 4K1, Canada

Dr. Andreas Jechow
1. Department of Ecohydrology, Leibniz Institute of Freshwater Ecology and Inland Fisheries, Müggelseedamm 310, 12587 Berlin, Germany
2. Remote Sensing and Geoinformatics, GFZ German Research Centre for Geosciences, Telegrafenberg, 14473 Potsdam, Germany

Deadline for manuscript submissions:
closed (20 October 2023)

Message from the Guest Editors

Light pollution has recently shifted into the focus of science and nature conservation as a novel environmental threat, and numerous studies have demonstrated the deleterious effects of artificial light at night. Its negative impact on flora and fauna as well as on astronomical observations is well documented. More recently, studies have shown the potential threat it poses to human health. In addition to these unwanted effects, light pollution is often linked to the inefficient use of energy and represents an unnecessary expense, which has side effects on climate change. In fact, for a large part of the planet, the required energy for lighting is produced mainly using fossil fuels.

To properly monitor the spatial and temporal evolution of this new type of pollution, it is essential to develop suitable remote sensing methods. This SI is the second volume on the topic 'Light Pollution Monitoring Using Remote Sensing Data'. We want to bring together the most recent advances made in the remote sensing of light pollution using spaceborne, airborne, and ground-based devices. We expect a diverse collection of works to foster new developments in this relatively new field of research.

remote sensing

IMPACT FACTOR 4.2

CITESCORE 8.3

an Open Access Journal by MDPI

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

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.

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)

Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
𝕏@RemoteSens_MDPI