Special Issue

Monitoring and Assessment of Energy Consumption through Remote Sensing

Message from the Guest Editor

While metering data are increasingly being made available to the public and researchers, which has enhanced our understanding of energy end use, the vast majority of the world's population is under-metered. Thus, generating spatio-temporal measurements that are not meter-based has become an important tool for modeling and forecasting. Over the past several decades, remote sensing technologies (instrumentation and analysis techniques) have been developed for this task using a variety of overhead and ground-based platforms to quantify the characteristics of energy consumption and end use on multiple spatiotemporal scales. In addition, tremendous progress in the fields of computer vision and machine learning has opened up significant opportunities for the analysis of large-scale remote sensing data. This Special Issue is focused on leveraging new and state-of-the-art remote sensing techniques for measuring and monitoring energy consumption at multiple spatial and temporal scales in both urban and rural environments.

Guest Editor

Dr. Gregory Dobler

Biden School of Public Policy and Administration, Department of Physics and Astronomy and Data Science Institute, University of Delaware, Newark, DE 19716, USA

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

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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.

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

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