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Remote Sensing for Biometeorology

Guest Editor:

Prof. Ming Xu
Department of Ecology, Evolution, and Natural Resources, Grant F. Walton Center for Remote Sensing & Spatial Analysis, School of Environmental and Biological Sciences, Rutgers University, 14 College Farm Road, New Brunswick, NJ 08901-8551, USA

Deadline for manuscript submissions:
closed (30 April 2020)

Message from the Guest Editor

Dear Colleagues,

This Special Issue will publish papers that investigate the interactions between climate and biological systems using remote sensing technologies. Remote sensing has been widely used in land surface characterization and classification, but few studies have focused on the feedback of land surface changes to the climate system. We seek papers that examine land/water surface energy balance, albedo, thermal emissivity, water cycle (e.g., ET and fuel moisture), plant physiological parameters, urban heat island, and microclimate through various remote sensing platforms, such as satellites, aircraft, and ground-based imaging systems. We are particularly interested in papers describing the impacts of natural and anthropogenic disturbances (e.g., deforestation/reforestation, urbanization, and controlled environment agriculture) on local and regional climate using remote sensing techniques. Original studies integrating remote sensing-based land–surface fluxes with ecosystem functions and services are welcome for submission. Consultation with the Editor is encouraged before submitting a manuscript.

Prof. Ming Xu
Guest Editor

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Prof. Dr. Dongdong Wang
Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

Message from the Editorial Board

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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Contact Us

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

Tel: +41 61 683 77 34
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