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Optical and Laser Remote Sensing of the Atmosphere

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Deadline for manuscript submissions:
closed (28 February 2019)

Message from the Guest Editors

Dear Colleagues,

Optical and laser sensing of the atmosphere has been used for decades for the quantitative measurement and imaging of chemical species and physical parameters of the atmosphere as well as optical spectroscopy of remote targets. This Special Issue of Remote Sensing will emphasize laser and optical remote sensing of the atmosphere itself or of distant targets where the atmosphere plays an important role in the spectroscopic analysis or optical propagation. All topics related to experimental measurement, theoretical analysis, and instrumentation research are solicited. Optical and laser remote sensing technologies related to satellite, airborne, or ground based platforms are appropriate including those associated with atmospheric laser radar, LiDAR, DIAL, hyper-spectral imaging, long-path spectroscopic instrumentation, LIBS, and laser spectroscopic detection of trace species. New results, novel sensing techniques, and field measurements are welcomed.

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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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