Special Issue

Ground-Based Remote Sensing of the Atmosphere during the COVID-19 Lockdown

Message from the Guest Editors

The COVID-19 pandemic has disrupted our way of life for more than a year. In this particular situation, ground-based remote sensing, alone or combined with other instrumentation, provides fundamental information to improve our understanding of the anthropogenic impact. Additionally, the impact is expected to differ from region to region according to the measures adopted by the governments. Thus, both global and regional analyses are needed in order to assess the overall impact of this unprecedented situation. Resolving such uncertainties is crucial in constraining the future global and regional climate responses to the combination of greenhouse gases and aerosol emissions. This extraordinary situation makes it highly pertinent and timely to bring together contributions on this topic in the context of a Special Issue. This Special Issue will welcome contributions dealing with the study of the effects of these closures on atmospheric aerosols and gases, and other derived effects on clouds, focusing on passive or active remote sensing from the ground. Combinations of ground-based remote sensing combined with in situ and satellite data are also encouraged.

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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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