Special Issue

Modelling of Aerosol Vertical Profiles Using Remote Sensing Techniques

Message from the Guest Editor

The aerosol vertical profile is an important parameter for understanding the radiative effects of aerosols and for generating more accurate aerosol models. Despite tremendous developments and improvements in remote sensing measurement techniques for aerosols' vertical profiles, there is still a lack of information regarding the vertical distribution of physical and chemical properties of some classes of atmospheric aerosols, especially aerosols with a complex composition such as biomass burning, dust or volcanic ash. Thus, the purpose of this *Remote Sensing* Special Issue is to collect scientific publications on the vertical distribution and time evolution of aerosols in the atmosphere and on their interactions with other atmospheric components (gaseous precursors, water vapor, and ozone), which could provide a comprehensive overview of aerosols and radiation, which is of great importance for studies on air quality and the climate. The Special Issue is focused on the modeling of aerosol vertical profiles using remote sensing techniques and aerosol models and aims to serve as an important contribution to the aerosol studies, as part of atmosphere research.

Guest Editor

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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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