Special Issue

Remote Sensing of Aerosols and Gases in Cities II

Message from the Guest Editor

About 55% of the global population lives in urban areas. Due to the emissions of facilities and vast amounts of transport, various air pollutants and greenhouse gases (GHGs) are inevitably highly concentrated in cities. Remote sensing is an effective approach to provide spatial distribution information of atmospheric constituents. In recent years, atmospheric remote-sensing technologies have been rapidly improved. Various remote-sensing techniques from ground-based or airborne platforms to satellite can be effectively applied to aerosol and gas measurements over cities and nearby areas. This SI is the second volume on the topic 'Remote Sensing of Aerosols and Gases in Cities'. The scope is as follows: Applications of the pre-existing remote-sensing techniques to measurements of urban aerosols and gases.
Improvement in retrieval algorithms or optical devices.
Development of new remote-sensing techniques.
Simulation studies for feasibility or uncertainty assessment.
Urban atmospheric chemistry and radiative transfer using remote-sensing data.
Comparisons between the quantities retrieved from various platforms.
Validation studies for space-borne measurements over cities.

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.

Editor-in-Chief

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