# **Special Issue**

## Advances in Retrieval and Validation of Atmospheric Components by Remote Sensing

## Message from the Guest Editors

Satellite remote sensing plays a crucial role in monitoring atmospheric components and cloud parameters by providing a matchless global perspective with consistency over long periods, leading to a boom in related research on air quality, trace gases, and greenhouse gas (GHG) measurements. The groundbased observation networks, which provide important in situ and high-resolution calibration data, contributed significantly to validating satellite data products. This Special Issue is aimed at studies covering different platforms that provide calibration or validation of satellite products. Topics may cover anything from the method of validation between different platform to their application in typical areas or to trace gas components, as well as more comprehensive aims and scales.

- Trace gases retrieval and validation;
- Cloud retrieval and validation;
- Applications in atmospheric chemistry research;
- Air quality;
- Greenhouse gases;
- Air pollution;
- Global or regional networks;
- Satellite product validation.

## Guest Editors

Dr. Yuhan Luo

- Dr. Lei Liu
- Dr. Shanshan Wang
- Dr. Youwen Sun

## Deadline for manuscript submissions

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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 peerreview 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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