



## Satellite Remote Sensing for Air Quality and Health

Guest Editor:

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Deadline for manuscript  
submissions:

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### Message from the Guest Editor

For the last decade or so, there have been increasingly advanced satellite remote sensing products that can be used to infer air quality. These satellite data obtained from MODIS, MISR, OMI, VIIRS, and GOCI (among others) have been employed to estimate ground-level air pollution levels (e.g., hotspot identification and exposure estimates for health effect studies), assess the effectiveness of air quality management (e.g., trend analysis), and evaluate emission inventory. Recently, TROPOMI and geostationary GOES-16 and -17 were launched, and are now operational. We further expect to have MAIA, TEMPO, Sentinel-4, and GEMS in the next few years. Satellite data have been improving with respect to data accuracy, spatial and temporal resolutions, and the types of air pollutants to be inferred.

This Special Issue invites state-of-the-art research on air quality derived from both historical and recent satellite remote sensing data. We also expect to introduce various applications of satellite-based air quality data.





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## Message from the Editor-in-Chief

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