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Remote Sensing Applications for Urban Air Quality Research: The Continuing Challenge

Guest Editor:

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Message from the Guest Editor

Remote-sensing assessments from satellite instruments have become increasingly important for assessing ground or tropospheric conditions. These methods have evolved rapidly over the past 10 years, with numerous applications relevant to environmental and public health. In this Special Issue we would like to provide a state-of-the-art synthesis of these methods and their applications for sensing ground-level conditions.

Potential topics include, but are not limited to:

- Air monitoring
- Green space assessment
- Traffic assessment
- Data sufficiency for air quality monitoring using wide range of measurements
- Sources of air pollution
- Passive and active sensing of air pollution
- Human exposure
- Urban heat island vs air pollution