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Remote Sensing Methods and Applications for Traffic Meteorology

Guest Editor:

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Deadline for manuscript submissions:
closed (30 June 2019)

Message from the Guest Editor

Dear Colleauge,

The interest in remote sensing methods expressed by key customers and providers of aeronautical meteorology products has increased recently for manifold reasons:

- The need to generate automatic METARs requires more sophisticated methods to reach the same standard of quality of human observers.
- Airport collaborative decision making calls for direct integration of automated meteorological data into systems of airlines and airports.
- Advances in telecommunications allow for direct broadcast of modelled and observed data into the cockpit to enable the pilot to use real-time remote sensing information en route.
- Exploitation of new and future observation systems based on radar and satellite measurements promises unprecedented capabilities for global 24/7 weather surveillance.

Submission of papers on the above-mentioned topics is invited, special focus on automated synergetic systems which provide customized interpretation of the collected data is particularly welcome.

Dr. Matthias Jerg

Guest Editor

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Editor-in-Chief

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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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