



## Remote Sensing Methods and Applications for Traffic Meteorology

Guest Editor:

**Dr. Matthias Jerg**

German Meteorological Service,  
Aeronautical Meteorology  
Department, Frankfurter Straße  
135, 63067 Offenbach, Germany

Deadline for manuscript  
submissions:

**closed (30 June 2019)**

### Message from the Guest Editor

Dear Colleage,

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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*Remote Sensing* Editorial Office  
MDPI, St. Alban-Anlage 66  
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