Special Issue

Advances in Signal Processing and Data Fusion Methods for Wind Field Retrieval and Secondary Product Development

Message from the Guest Editors

We invite manuscripts regarding advances in signal processing and data fusion methods for wind field retrieval and secondary product development. Relevant topics include, but are not limited to, the following:

- Wind field retrieval models and experimental verification.
- Data quality control for wind field retrieval.
- Geometry transform and network optimization for wind field retrieval based on multiple radars or in-site instruments.
- Application of multiple-source data fusion in wind field construction.
- Secondary product development and application based on the obtained two-dimensional or three-dimensional wind field.
- The interpolation, extrapolation and fitting algorithms for large-scale wind field construction.

Guest Editors

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Dr. Hao Wu

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Deadline for manuscript submissions

closed (1 February 2024)

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About the Journal

Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

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