

Special Issue

5th Workshop on Data Science —Challenges in the Brazilian Context to Promoting Atmospheric Data Management

Message from the Guest Editors

The science of open data is focused on the publication of observations and results of scientific activities available for analysis, use, and reuse. The mission of the 5th Workshop on Data Science (WDS, <http://wds.poli.usp.br/wds5/>) was to show the importance of large-scale open data management for scientific datasets related to atmospheric phenomena and to promote collaboration and share experiences between the Oak Ridge National Laboratory's Atmospheric Radiation Measurement (ARM) Data Science Group with the Brazilian Data Science Group, with the aim to design and develop cyber-infrastructure facilities to manage various observational and modeling data with a particular focus on atmospheric phenomena to the Brazilian scientific/academic community. This Special Edition describes the main subjects of the 5th WDS related to the concepts, open standards, methods, and tools used by ARM for atmospheric data management and analysis and challenges in the context of the Brazilian atmospheric research community. The subjects discussed in this Special Edition are: end-to-end data flow, data quality, metadata, data preservation, publication, and analysis.

Guest Editors

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Message from the Editor-in-Chief

Data is an open access journal that publishes scientific data in a reliable, citable, and accountable manner. Data grants the opportunity to formally share valuable data, for academic credit. It covers a wide range of disciplines in which data is generated so that published data is discoverable and available for wider re-use. The journal has highly accomplished scientists from a variety of disciplines on the editorial board. The publication emphasizes clarity, honesty, quality, and novelty and has a rigorous peer-review process. We strongly encourage you to share your data vision in Data.

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