Special Issue

Early Career Scientists' (ECS) Contributions to Meteorology (2022)

Message from the Guest Editor

The importance of meteorological events is felt in everyday life, and the critical impact of the weather on human activities led to the development of the science of weather forecasting. The field of meteorology is becoming computerized and automatized; moreover, the development of the Internet opened a whole new range of options for sharing weather forecasting data from a wide variety of traditional and new instruments. The main aim is to provide an opportunity for early-career scientists in meteorology to share their valuable results with the scientific community. Manuscripts on all meteorological topics can be submitted. Examples of the exciting subjects are:

- Current challenging areas in weather models, including data assimilation techniques, optimization of parameterization schemes, model calibrations, and ensemble forecasting.
- The assessment of a weather model's ability to represent extreme weather events.
- The assessment of the effects of increasing spatial resolution in weather models on the quality of results.
- Small-scale processes in the atmosphere: improvement in terms of the representation of clouds and of the diurnal cycle of deep convection.

Guest Editor

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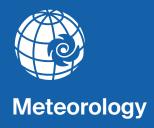## Deadline for manuscript submissions

closed (31 October 2022)

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Message from the Editor-in-Chief

Editor-in-Chief

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