Special Issue

Observations of Venus Atmosphere

Message from the Guest Editor

We invite researchers to contribute original research articles, as well as review articles, dealing with all aspects of '*Observations of Venus's Atmosphere*'. These contributions include recent experimental and modeling works to address peculiar atmospheric phenomena observed in Venus's atmosphere, such as the planet's super-rotation, lightning and surface emissivity. We are also interested in reviews with possible future lines of investigations. The Special Issue on *'Observations of Venus's Atmosphere'* aims to address the recent advances in the study of Venus, through ground based observations, space measurements and modeling, as well as with an eye on the future exploration of this planet. Topics of interest include, but are not limited to:

- Atmospheric dynamics, including super-rotation, wind measurements, polar vortex and minor species;
- Global circulation modelling of atmospheric phenomena;
- New data from Akatsuki and ground-based facilities;
- Instrumentation for future exploration;
- Modelling of Venus as a paradigm of terrestrial exoplanets.

Guest Editor

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Deadline for manuscript submissions

closed (25 January 2021)

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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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