



Special Issue on Atmospheric Physics

Call for Papers

Atmospheric physics is a branch of meteorology and is related to climatology. Scientists use mathematical and physical models to study and understand Earth's atmosphere and its weather systems. For example, they apply the theory of fluid dynamics to atmospheric tides. They also use data collected by satellites, meteorological radar, and research aircraft to explore the layers of the atmosphere, weather systems, and climatic phenomena like thunderstorms. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in this area of **atmospheric physics**.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **atmospheric physics**. In this special issue, potential topics include, but are not limited to:

- Weather processes
- Modeling and prediction of important weather
- Thermodynamics and the hydrologic cycle in the atmosphere
- Cloud physics
- Atmospheric electricity
- Applications of atmospheric physics

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Atmospheric Physics**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	February 27th, 2020
Publication Date	April 2020

Guest Editor:

Prof. **Shaocai Yu**, North Carolina State University, USA

For further questions or inquiries

Please contact Editorial Assistant at

acs@scirp.org