

Special Issue

Features of Atmospheric Waves

Message from the Guest Editor

The issue accepts articles devoted to a wide range of studies of wave processes in the atmosphere, their influence on the dynamics of the atmosphere and their role in the transfer of energy from large-scale circulation to small-scale turbulence, their role in the interaction of the ocean, atmosphere and seismic phenomena, the nonlinear interaction of waves of different spatial and temporal scales, including Rossby waves, internal gravity and acoustic waves, problems of parametrization of internal waves in numerical models of weather and climate forecasting, study of wave characteristics via different methods of remote sensing and contact measurement methods, wave generation mechanisms and features of their propagation in the real atmosphere, the influence of waves on the formation of vertical structure of the atmosphere and its variability, etc.

Guest Editor

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Deadline for manuscript submissions

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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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