Special Issue

New Developments in Ozone Pollution across Local, Regional, and Global Scales

Message from the Guest Editors

This Special Issue aims to advance the knowledge on tropospheric ozone across different spatial and temporal scales by publishing a comprehensive set of articles including reviews, cutting-edge research, and critical commentaries. We invite original studies, based on observations and/or numerical modelling, that reveal novel characteristics of ozone variability, source attribution and chemical formation of ozone and its precursors, relationships and interactions between ozone and meteorology/climate, and ozone impacts on climate, human health, and vegetation. Studies focusing on regions where ozone observations have been sparse are extremely welcome. The outputs from this Special Issue will not only help to improve local ozone air pollution control strategies but also provide a more comprehensive view of global ozone changes and assessment of their drivers and impacts.

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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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