Special Issue

Industrial Emissions: Characteristics, Impacts and Control

Message from the Guest Editors

Industrial activities can release a significant amount of pollutants into the environment, which have substantial impacts on both environmental and public health. Globally, industrial emissions play a crucial role in air pollution issues. Despite considerable progress achieved through the increasing utilization of cleaner fuels, improved combustion processes, and enhanced emission control devices, challenges associated with emerging toxic pollutants, secondary pollution resulting from atmospheric reactions, and coordinated reductions in greenhouse gas emissions still persist in relation to industrial emissions. Therefore, it is imperative to implement effective measures for controlling industrial emissions by employing clean technologies and enforcing emission standards and regulatory policies. This Special Issue aims to present the latest advancements in understanding the characteristics of industrial emissions as well as their impacts and controls. The scope of this topic encompasses original papers, reviews, and short communications.

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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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