Special Issue

Developments and Applications of Scrubbers and Auxiliary Facilities for Air Pollution Control

Message from the Guest Editors

The aim of this Special Issue is to publish innovative research that will form a remarkable contribution to promoting theories and technologies related to scrubbers and auxiliary facilities. Original results from experimental investigations, theoretical discussions, technical innovations, process simulations, and review papers are all welcome contributions. Topics of interest for this Special Issue on "Developments and Applications of Scrubbers and Auxiliary Facilities for Air Pollution Control" include, but are not limited to, the following: Migration and purification mechanisms of pollutants in scrubbers, such as dust, nitrate, sulfate, ammonium, formaldehyde, and hydrogen sulfide; Numerical simulation of multiphase flow process in scrubbers; Structure and technological innovation of scrubbers; Exploration of digital, information, and intelligent improvements in scrubbers; Innovative application of scrubbers in unconventional areas; Auxiliary facilities of scrubbers, such as exhaust hoods, ventilation pipes, and wastewater treatments; Potential value evaluation and application prospect of scrubbers.

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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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