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Industrial Air Pollution Control in China

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Deadline for manuscript submissions:
closed (8 June 2022)

Message from the Guest Editors

Dear Colleagues,

Industrial pollutants emission is considered to be one of the main sources for the air pollution. Reductions of the industrial pollutions are of significance for a permanent atmospheric environmental protection. Under the strict reduction policies in China over the past decades, innovated air pollution control technologies are well developed.

The special issue focus on the pollutant emissions and advanced control technologies in the industries. Topics include but are not limited to:

1. Pollutant emissions from combustion: including unburned hydrocarbons, nitrogen oxides, sulfides, carbon monoxide, particulate matter, etc.
2. High-precision emission inventory and loss assessment from typical industry.
3. The impact of air pollutants on the environment, ecology, vegetation, climate, health and other cross-cutting areas.
4. Novel technologies on the Air Pollution Control in the industrial and its economic analysis, applications prospects, potential risks.
5. Comprehensive energy management at the level of energy consumption and pollutant emissions.
6. Evaluation of economic and environmental benefits of renewable energy power technology.

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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!

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