Special Issue

Recent Studies of Industrial Air Pollution

Message from the Guest Editors

Air pollution studies have been focused on industrial air pollution. Particularly, air pollution worldwide is getting better but still needs more support and attention to deal with emerging issues and better contribute to clean air locally and internationally. This Special Issue will provide an update of recent studies of industrial air pollution in the area of air pollution assessment and future trends, emerging air pollution problems, including nanoparticles, air pollution, role of greenhouse gases in industrial air pollution, and associated health risk. Research articles, review articles, and case studies are welcome. Topics include but are not limited to:

- Regional air quality assessment;
- Transboundary air pollution;
- Integrated air quality modeling;
- Emerging air pollutants, including nanoparticles and heavy metals;
- Decision support for air pollution control;
- New air pollution monitoring technologies, including smart sensors and remote sensing;
- Life cycle analysis for industrial air pollution;
- The relation between LUCC (Land Use and Land Cover Change) and air pollution;
- Air emissions factors and quantification.

Guest Editors

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Deadline for manuscript submissions

closed (15 July 2022)

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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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