



Cutting Carbon Pollution: Focus on Industrial and Transportation Sectors

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Message from the Guest Editors

Industrial and population growth has led to a tremendous increase in human activities, consequently leading to a high demand for energy. The utilization of energy, especially fossil fuels, leads to the production of oxides of carbon as by-products, among other greenhouse gases. These gases are a major threat to the atmosphere. Considering your expertise in combating the challenges posed by carbon pollution, you are invited to submit an article for consideration in a Special Issue of *Atmosphere*. The Special Issue will focus on industrial and transportation carbon pollution. Topics of interest include, but are not limited to:

- Carbon capture and sequestration;
- Environmentally friendly processes;
- Synthesis of adsorbents applicable to carbon pollution;
- Application of lifecycle assessments;
- Model frameworks to assess emissions.





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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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