Special Issue

Advances in Air Pollutant Treatment Technology

Message from the Guest Editor

Over the last few decades, human social development is based on the consumption of sources (e.g., coal, crude oil, natural gas), and the development of urbanization and industrialization has also generated serious air pollution problems. The double pressure of atmospheric quality using various air pollutants (e.g., SO2, NOx, VOCs, H2S, PM, and Hg), together with greenhouse gases (e.g., CO2), is driving the development of air pollutant treatment technology. During this process, innovative methods of capturing, converting, and utilizing air pollutants have been invented and implemented. There is a need to provide a unique opportunity for researchers to present and discuss recent advances in air pollutant treatment and air quality management. Papers addressing these topics are invited for this Special Issue, especially those combining a high academic standard coupled with optimal air pollutant treatment technology. We sincerely hope that the most up-to-date views and outlooks in the field in this Special Issue will advance the research frontier and improve our understanding of air pollutant control technologies.

Guest Editor

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Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

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