

## Special Issue

# Control, Purification and Resource Utilization of Industrial Waste Gas

### Message from the Guest Editors

With the rapid development of the economy, industrial waste gas emissions have increased significantly. The combustion of coal and fuel oil, steel and iron making, chemical production, and other processes are the main sources of industrial waste gas. The main components of waste gas are dust, CO<sub>2</sub>, NO<sub>x</sub>, heavy metals, CO, HCl, H<sub>2</sub>S, etc., which can cause direct or indirect harm to the environment, human health, and economic development. In the past, many important research results have been achieved for industrial waste gas treatment, but there are still some problems and new challenges that exist, such as the deep purification of flue gas and resource utilization of the gas or the by-products generated during the treatment process. This Special Issue will welcome contributions related to the control, purification, and resource utilization of industrial waste gas; both research and review papers are welcome for possible publication.

### Guest Editors

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### Deadline for manuscript submissions

closed (7 December 2023)



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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.

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### Editor-in-Chief

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