

Special Issue

Emission Characteristics and Source Identification of Flue Gases from Fuel Combustion and Industry

Message from the Guest Editors

As environmental problems become more serious around the world, the importance of identifying the occurrence and characteristics of emission sources is increasing. In particular, air pollutants and greenhouse gases are mainly generated from fuel combustion and industrial sectors. Since air pollutants and greenhouse gases are generated from the same emission source, it is necessary to manage them in an integrated manner. In order to manage air pollutants and greenhouse gases together, it is necessary to identify and characterize emission sources. In particular, in the case of air pollutants, since there are many parts that are omitted when calculating emissions, related studies are needed, and it is necessary to improve the reliability of the inventory that calculates emissions through these studies. The subject of this Special Issue is research that identifies the characteristics of greenhouse gases and air pollutants generated by fuel combustion and industry, and the identification of emission sources, inventory, and development of emission factors.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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