Special Issue

Control and Emission Reduction of Gas Pollutants

Message from the Guest Editor

Gas pollutants, which are artificially devrived from industrial emissions, e.g., from coal combustion, greatly threaten human health and the ecological environment. For example, NOx and SOx can cause acid rain, ozone depletion and photochemical smog. Heavy metals, such as gaseous mercury, are highly toxic, persistent and prone to bioaccumulation. Fine particulate matter produces fog hazes. Volatile organic compounds are toxic, irritatable and carcinogenic. All of these gas pollutants can engender a series of environmental and health problems, and many countries have promulgated rigorous regulations to limit their discharges. It is time that we focus our efforts on controlling the emission of gas pollutants through the dual perspectives of environmental protection and convention fulfilment. For this Special Issue, papers presenting novel ideas and breakthroughs for pollutant control are welcome.

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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