

Special Issue

Cutting-Edge Research in Controlling Aerosols, Improving Public Health

Message from the Guest Editors

For decades, aerosols have been considered a major air pollutant. Sizes of aerosols range from several nanometers to dozens of micrometers. Tiny toxic aerosol particles can enter the human respiratory system and cause various respiratory, cardiovascular, and neurodegenerative diseases. Furthermore, during the COVID-19 pandemic, aerosols were suspected to be carriers of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). Therefore, extensive research was conducted to develop effective control methods against viral aerosols, and innovative technologies were implemented in real-life scenarios. This Special Issue will introduce and explore new techniques for managing various types of aerosols, including bioaerosols. Furthermore, we will also consider fundamental studies with the aim of developing control methods against aerosols. Theoretical studies to guide the direction of research studies on aerosols are also welcome. Works on bioaerosols, such as SARS-CoV-2 aerosols and influenza aerosols, will be considered for this Special Issue. Advances in new control methods against hazardous aerosols can play a significant role in improving public health.

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About the Journal

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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