Special Issue

Analysis, Exposure and Health Risk of Atmospheric Pollution

Message from the Guest Editor

Ambient particulate matter (PM) is associated with short-term and long-term health effects. The oxidative potential (OP) of PM integrates various biologically relevant properties, including size, surface, and chemical composition; therefore, it may provide a more health-based exposure measure than PM mass alone and may be an improved measure of the biologically effective dose that drives adverse health effects. Generally, the term of OPDTT implies the chemical reactivity and potential toxicity of PM constituents regarding their oxidative properties when considering PM exposure and the associated health effects. It is still unknown which other PM components are active in the DTT assay. In addition, the apportionment of PM components responsible for DTT consumption has not been fully elucidated due to the complex nature of PM compositions and potential interactions among PM components. The Special Issue aims to gain more insight into the redox-active PM components, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following themes: Oxidative potential of particulate matter (PM) in relation to key PM components.

Guest Editor

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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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