Special Issue

Impacts of Air Pollutants Emitted from Ships on Environment

Message from the Guest Editor

The aim of this Special Issue is to provide recent advances in the field of shipping emissions and relate environmental effect. This topic encompasses emission factors/profiles/inventories of gaseous pollutants and particulate matters from ship exhaust, such as NOx, SOx, CO, CO2, VOCs, I/SVOCs, PM, etc., especially under scenarios of more and more stricter emission control measures. Besides, quantifying contributions of shipping emissions to air qurlity by using various methods in specific areas, evaluating healthy/climate effect and revealing transport and transformation of primary pollutants from ship exhaust are also included. The topic is also highly relevant to emission reduction and control measures of shipping emissions. Topics of interest for the Special Issue include, but are not limited to:

- Emission factor/profile/inventory of gaseous pollutants and particulate matters from ship exhaust;
- Impact of shipping emissions on air qurlity/healthy;
- Greenhouse gas and climate change;
- Transport and transformation;
- Optical effect;
- Emission reduction and control measures.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2022)

Atmosphere

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Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/124582

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About the Journal

Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

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