



## Shipping Emissions and Air Pollution

Guest Editors:

**Dr. Yuanqing Zhu**

College of Power and Energy  
Engineering, Harbin Engineering  
University, Harbin 150001, China

**Prof. Dr. Long Liu**

College of Power and Energy  
Engineering, Harbin Engineering  
University, Harbin 150001, China

Deadline for manuscript  
submissions:

**closed (3 February 2023)**

### Message from the Guest Editors

Dear Colleagues,

At present, global ship pollutant emission regulations are constantly comprehensive, meticulous, and strict, green shipping and efficient transportation having become the developmental direction. At present, and likely to continue in the future, the challenges shipping faces include determining how to cope with the continuous upgrading of pollutant emission regulations of marine engines, how to efficiently and economically achieve near-zero emissions of various pollutants of marine engines, and how to truly achieve green shipping, a safe operation, and efficient transportation. It is of great importance to resolve these scientific issues.

Relevant achievements not only contribute to the development of international shipping and trade, but also play an important role in solving global energy and environmental problems. This Special Issue on shipping emissions and air pollution invites the participation of scholars in related fields.

*Guest Editors*





## Editor-in-Chief

### **Dr. Daniele Contini**

Institute of Atmospheric Sciences  
and Climate (ISAC), National  
Research Council (CNR), Str. Prv.  
Lecce-Monteroni km 1.2, 73100  
Lecce, Italy

## 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!

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, Inspec, CAPlus / SciFinder, Astrophysics Data System, and other databases.

**Journal Rank:** CiteScore - Q2 (Environmental Science (miscellaneous))

## Contact Us

---

*Atmosphere* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/atmosphere](https://mdpi.com/journal/atmosphere)  
[atmosphere@mdpi.com](mailto:atmosphere@mdpi.com)  
[X@Atmosphere\\_MDPI](https://twitter.com/Atmosphere_MDPI)