



The Role of Maritime Transport, Ports and Shipyards on Air Quality and Other Environmental Components

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Message from the Guest Editors

Emissions from the marine transport sector significantly contribute to global air pollution and are responsible for air quality degradation in coastal zones. Given the continuous growth of ship traffic and the geographical expansion of waterways and ports, much effort has already been made. It is necessary to evaluate the environmental impact of emission from ships as well as daily ports and shipyards activities on air quality and its further consequences for the environment.

We welcome papers dealing with research focusing on:

- Air quality in ports and shipyards;
- Distribution of pollutants emitted in shipyards and ports to remote areas;
- Fluxes of substances of maritime transport origin introduced with wet and dry deposition into the coastal regions;
- Determining the role of emissions from maritime transport and daily activities carried out in ports and shipyards on the quality of water and port sediments and the functioning of the organisms living in them;
- Establishing whether the introduced legal regulations have started to bring beneficial effects for the natural environment





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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!

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