

Special Issue

Sea Spray Emission and Its Impacts on Climate

Message from the Guest Editor

The Special Issue will deal with the physicochemical processes involved with the generation and transport of sea-spray aerosols in the MABL (marine atmospheric boundary layer). We expect papers focusing on: (1) generation processes through the study of S3F (sea spray source function) formulation, the whitecap fraction, and the bubble spectrum, with consideration of the influence of environmental parameters; (2) sea-spray properties, that is, jet and film droplets as well as spume drops; (3) air–sea fluxes with an impact on surface layer characteristics. Prof. Piazzola Jacques

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2019)



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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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