



## Sea Spray Emission and Its Impacts on Climate

Guest Editor:

**Dr. Jacques Piazzola**

Mediterranean Institute of  
Oceanography (MIO UMR 7294),  
University of Toulon (Seatech),  
83130 La Garde, France

Deadline for manuscript  
submissions:

**closed (30 June 2019)**

### Message from the Guest Editor

Dear Colleagues,

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*





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Ilias Kavouras**

Environmental, Occupational,  
and Geospatial Health Sciences,  
CUNY School of Public Health,  
New York, NY 10027, USA

## 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, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

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