

Special Issue

Influence of Sea Breeze on Urban Meteorology

Message from the Guest Editors

We invite researchers to contribute original research articles dealing with all aspects of influence of sea breeze on urban boundary layer. These contributions include recent experimental and modelling works, climatology of sea breeze at inland city, and influence of sea breeze on air pollution dispersion at urban area. We are also interested in influence of sea breeze on decaying turbulence in the afternoon. Topics of interest include, but are not limited to:

- Measurement of sea breeze structure at urban boundary layer;
- Climatology of sea breeze penetration at inland city;
- Climatology of sea breeze induced rainfall at urban area;
- Data from new field campaign under sea breeze penetration at urban area;
- Modelling study on influence of sea breeze on decaying turbulence in the afternoon;
- Influence of sea breeze on air pollution dispersion at urban area.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2021)



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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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