Special Issue

Pollutant Dispersion in the Atmospheric Boundary Layer

Message from the Guest Editor

The scope of this Special Issue reflects and summarizes some recent developments relevant to the pollutant dispersion in the ABL. We invite you to submit original or review papers on the issue of pollutant dispersion in the ABL, concerning both theoretical and experimental aspects: transport and diffusion models (eulerian, lagrangian, and statistical models), models parametrization, comparison between different models, field or laboratory measurements, as well as measures of meteorological variables that govern turbulence and diffusion in ABL. **Keywords:**

- meteorological observations
- laboratory experiments
- field measurements
- air pollution modeling
- models parameterizations
- urban dispersion
- wet and dry deposition

Guest Editor

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Deadline for manuscript submissions

closed (31 July 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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