

Special Issue on “Advances in Boundary-Lay/Air Pollution Meteorology”

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Outline

- Advances in Meteorology
- Highlight of the Special Issue (LAPM)
- Possible Submission from the YNCenter
- Important dates

About “Advances in Meteorology”

- A peer-reviewed, open access Journal, published original research articles as well as review articles in all areas of meteorology
- SCI Journal and impact factors
 - 0.946
 - 2013/2014 Impact Factor : 1.348
 - 2012 Impact Factor : 1.239
 - 2011 Impact Factor : -
 - 2010 Impact Factor : -
- Acceptance rate about 52%. The average time from submission to final decision is 77 days. It takes another 66 days for final publication.

Special Issue: Advances in Boundary-Layer/Air Pollution Meteorology

- **Topics**

- Observational/experimental/numerical studies of the physics and chemistry of the atmospheric boundary layer
- Trends in ambient pollutant concentrations in the boundary layer
- New methods for measuring ambient pollutants
- Improving parameterization schemes of the atmospheric boundary layer
- Land-surface processes
- Mesoscale circulation/effects
- Vegetation-atmosphere interactions

- **Guest Editors**

- Xiaoming Hu (Lead Guest Editor, UO, USA), Jose D. Fuentes (PSU, USA), Renate Forkel, (KIT, Germany), Jianping Huang (NOAA/NCEP, USA), Ning Zhang (Nanjing Uni., China)

Manuscripts from the YNCenter

- **Mesoscale circulation/effects**

- Characterization of lake breeze and its impact on air pollutants in Tai Lake and surrounding regions.

(Criteria for lake breeze determination, frequency, duration, strength, and its impact on air pollutant concentrations; Lead author: Wang Y.)

- Numerical study of impact of air-condition heat sources on urban surface layer air temperature

(WRF, Urban Canopy Model, Building Energy Model, August 2-3, Nanjing; Lead author: Wang Y.)

Manuscripts from the YNCenter

- **Trends in ambient pollutant concentrations in the boundary layer**

- Outflow of air pollutants from the atmospheric boundary layer in Hong Kong

(Quantify the seasonal outflow of air pollutants from ABL, changes in Fall during 2002-2013; Lead author: Zhou C.)

- Spatial-temporal variations in tropospheric O₃ and meteorological driving factors over the Southeast China coastal regions

(STE, South China Sea Subtropical High (SCSSH), Tropical Cyclone; Lead author: Huang J.)

- Impact of aerosol radiation effect on surface ozone formation during a heavy smog event (Lead authors: Liu C. and Liu. S)

- Xin Cheng's work?

- Others ?

Important Dates

- Manuscript Due: Nov 27, 2015
- First Round of Reviews: Feb. 19, 2016
- Publication Date: Apr. 15, 2016