

WENCHANG YANG

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Education

- September 2007 — Present, **Columbia University**, New York
PhD candidate in Atmospheric Sciences
Advisors: Dr. Richard Seager, Prof. Mark Cane and Dr. Mingfang Ting
- September 2000 — June 2007, **Peking University**, Beijing, China
2007 **M.S. in Meteorology**
Thesis title: *Baroclinic Wave Packets in the Quasigeostrophic Two-layer Model*
Advisor: Prof. Benkui Tan
2004 **B.S. in Atmospheric Sciences**
Thesis title: *Analysis of Oceanic Rossby Waves in Eight Different Areas with Different Latitudes in Pacific Ocean*
Advisor: Prof. Benkui Tan

Research Experience

- 2007—Present, Research Assistant with Dr. Richard Seager, Prof. Mark Cane and Dr. Mingfang Ting
 - Investigating the variability of global monsoons and their response under climate change
- 2005 — 2007, Research Assistant with Prof. Benkui Tan
 - Developing a quasigeostrophic two-layer numerical model to study the middle latitude baroclinic wave packets.
 - Participating in research project on stratosphere-troposphere interaction, sponsored by National Science Foundation.

Teaching Experience

- Fall 2008 & 2009, Teaching Assistant, EESC W4401 (*Quantitative Models of Climate-Sensitive Natural and Human Systems*), Columbia University
Instructor: Mingfang Ting and Tony Barnston
- Spring 2006, Teaching Assistant, 533020 (*Atmospheric Dynamics*), Peking University
Instructor: Prof. Benkui Tan

Publication

- Nie J., Wang P., **Yang W** and Tan BK (2008), Northern Hemisphere Storm Tracks in Strong AO Anomaly Winters, *Atmospheric Science Letters*, doi: 10.1002/asl.186.
- **Yang, W.**, J. Nie, P. Lin, and B. Tan (2007), Baroclinic wave packets in an extended quasigeostrophic two-layer model, *Geophys. Res. Lett.*, **34**, L05822, doi:10.1029/2006GL029077.

Honors& Awards

- 2007, Second Prize in “Zhong Shengbiao Education Foundation” Graduate Student Academic Forum
- 2004 — 2005, May 4th Scholarship
- 2004, Excellent Graduate of Beijing City
- 2004, Excellent Graduate of Peking University
- 2001 — 2004, Cyrus Tang Foundation Scholarship
- 2001 — 2002, Outstanding Undergraduate Student

- 2000, Outstanding Highschool Student of Jiangsu Province
- 1999, First Prize in the National Mathematics Contest
- 1999, Second Prize in the National Biology Contest
- 1999, Third Prize in the National Physics Contest