

CURRICULUM VITAE

MENG ZHANG

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Research Interests

Numerical modeling and data assimilation
Mesoscale dynamics

Educational Background

Texas A&M University, Atmospheric Sciences, Ph.D. student, starting at fall 2006
Nanjing University, Atmospheric Sciences, B.S., 2003; M.S., 2006

Professional Experiences

2008- Graduate Teaching Assistant, Texas A&M University
2006- Graduate Research Assistant, Texas A&M University
2004-2006 Student Visitor/Research Assistant, Chinese Academy of Meteorological Sciences
2003-2004 Graduate Research/Teaching Assistant, Nanjing University
2003.2-4 Student Visitor/Research Assistant, Shanghai Meteorology Center

Honors and Awards

2000, 2003 Excellent Student Award, Nanjing University

Journal Publications

2. Zhang, F., **M. Zhang** and J. A. Hansen, 2007: Coupling ensemble Kalman filter with four-dimensional variational data assimilation, *Advances in Atmospheric Sciences*, submitted.

1. **Zhang, M.**, Y. Ni, and F. Zhang, 2007: Variational assimilation of GPS precipitable water vapor and hourly rainfall observations for a meso- β heavy precipitation event during the 2002 Mei-Yu season. *Advances in Atmospheric Sciences*, Vol. 24, No. 3, 2007, 509-526.

Conference Papers/Presentations

2. Zhang, M., F. Zhang and J. A. Hansen, 2007: Coupling ensemble Kalman filter with four-dimensional variational data assimilation. *22nd AMS Conference on Weather Analysis and Forecasting /18th Conference on Numerical Weather Prediction*, Park City, Utah, June 2007.

1. Zhang, F., **M. Zhang** and J. A. Hansen, 2007: Coupling ensemble Kalman Filter with 4DVAR, *EGU Assembly*, Vienna, Austria, April 2007.