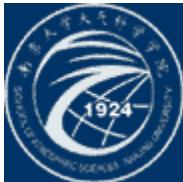


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Education

- Sep. 1995 – Mar. 2000 Nanjing University
Ph. D, Meteorology
Geostrophic adjustment frontogenesis
- Sep. 1991 – Jul. 1995 Nanjing University
Bachelor degree, Meteorology

Work Experience

- Sep. 2008 – Feb. 2010 Department of Meteorology
Penn. State University
Associate research scientist
Studying tropical cyclone dynamics
- Feb. 2008 – Aug. 2008 Department of Atmospheric Sciences
Texas A&M University
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- Dec. 2006 – Present Department of Atmospheric Sciences, Nanjing University
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Awards and Group Memberships

- 2006 Excellent Scientific and Technological Fellow in Meteorology, Chinese Meteorological Society
- 2005 Awarded the First Prize of the Advancement of Science and Technology by Ministry of Education of the People' s Republic of China, for the research project "Research on Mesoscale Frontal System Dynamic Processes" (third author)
- 2003 Awarded the Prize of the excellent PH. D. Thesis by Jiangsu Education Commission
- 2002 "Tu Changwang" Young Meteorological Investigator Award, Chinese Meteorological Society

Publications

1. Tang, X., Z.-M. Tan, **J. Fang**, E. Munsell, F. Zhang, 2018: Impact of the Diurnal Radiation Contrast on the Contraction of Radius of Maximum Wind during Intensification of Hurricane Edouard (2014). *J. Atmos. Sci.*, **76**.
2. Chen, X., M. Xue, and **J. Fang**, 2018: Rapid Intensification of Typhoon Mujigae (2015) under Different Sea Surface Temperature: Key Processes Leading to Differences in Rapid Intensification. *J. Atmos. Sci.*, **75**, 4313-4335.
3. Bian, J., **J. Fang**, G. Chen, and C. Liu, 2018: Circulation features associated with the record-breaking typhoon silence in August 2014, *Adv. Atmos. Sci.*, **35**, 1321-1336.
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7. **Fang J.** and F. Zhang, 2016: Contribution of Tropical Waves to the Formation of Supertyphoon Megi (2010). *J. Atmos. Sci.*, **73**, 4387-4405.
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9. Hui P., and **J. Fang**, 2016: Comparison of the Multi-Scale Features in Two Persistent Heavy Rainfall Events in the Middle and Lower Reaches of Yangtze River. *J. Meteorol. Res.*, **30**, 528-546.
10. Wang Hongwei, **J. Fang**, 2014: Analysis on a rainstorm related to remote typhoon during Meiyu period. *Journal of the Meteorological Sciences*, **34**: 601-611. (in Chinese)
11. Sun Yixin, **Fang Juan**, 2013: Numerical study on the initiation of the severe convective weather in Chongqing on 6 May 2010. *Acta Meteorologica Sinica*, **27**, 364-378.
12. **Fang, J.**, and F. Zhang, 2012: Effect of beta shear on simulated tropical cyclones. *Monthly Weather Review*, **140**, 3327-3346.
13. Chen Q., and **J. Fang**, 2012: Effects of vertical wind shear on intensity and structure of

- tropical cyclone. *Journal of Tropical Meteorology*, **18**, 172-186.
- 14. Sun Y., and **J. Fang**, 2012: Synoptic analysis of the severe convection event on 6 May 2010 in Chongqing. *Journal of the Meteorological Sciences*, **32**, 609-621.
 - 15. Rozoff, C. M., D. S. Nolan, J. P. Kossin, F. Zhang, and **J. Fang**, 2012: The roles of an expanding wind field and inertial stability in tropical cyclone secondary eyewall formation. *J. Atmos. Sci.*, doi: <http://dx.doi.org/10.1175/JAS-D-11-0326.1>.
 - 16. **Fang J.**, and F. Zhang, 2011: Evolution of Multiscale Vortices in the Development of Hurricane Dolly (2008). *J. Atmos. Sci.*, **68**, 103–122.
 - 17. **Fang J.**, and F. Zhang, 2010: Initial development and genesis of Hurricane Dolly (2008). *J. Atmos. Sci.*, **67**, 655–672.
 - 18. **Fang J.**, J. Tang, and R. Wu, 2009: The effect of surface friction on the development of tropical cyclone. *Adv. Atmos. Sci.*, **26**, 1146-1156.

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