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张宁，男，汉族，1977年2月生。山东昌乐人。现为南京大学副教授。

1994年进入南京大学大气科学系大气物理学与大气环境专业学习，1998年本科毕业获学士学位，2001年获硕士学位，2004年获博士学位。2005年赴美国作博士后研究，2007年回国，进入南京大学大气科学系任教。

承担课程：“地气大气综合探测”，“城市气象学”，“Fortran程序设计”

研究兴趣：大气边界层物理、大气污染扩散、城市气象、微尺度气象

学术奖项：2002年教育部自然科学奖二等奖（第3完成人，NO.2002-074）

近期主要论著：

1. ZHANG Ning, CHEN Yan and ZHAO Wenjing (2012). Lidar and microwave radiometer observations of planetary boundary layer structure under light wind weather. *Journal of Applied Remote Sensing*(6).
2. ZHANG Ning, ZHU Lianfang and ZHU Yan, (2011), Urban heat island and boundary layer structures under hot weather synoptic conditions: A case study of Suzhou City, China ,*Advances in Atmospheric Sciences*, Volume 28, Number 4, 855-865, DOI: 10.1007/s00376-010-0040-1
3. C.S.B. Grimmond, M. Blackett, M.J. Best and J. Barlow et al. and ZHANG Ning, (2010).Initial results from Phase 2 of the international urban energy balance model comparison, *INTERNATIONAL JOURNAL OF CLIMATOLOGY*,DOI: 10.1002/joc.2227
4. Lei Li, Li-Jie ZHANG, Ning ZHANG, Fei Hu, Yin Jiang, Chun-Yi Xuan and Wei-Mei Jiang ,Study on the micro-scale simulation of wind field over complex terrain by RAMS/FLUENT modeling system.*Wind and Structures, An International Journal* Vol. 13 No. 6, 2010
5. 刘红年, 张宁, 吴润, 蒋维楣, (2010) . 水库对局地气候影响的数值模拟研究, *云南大学学报(自然科学版)* : V ol. 32:171-176
6. ZHANG Ning, Gao Zhiqiu, Wang Xuemei and Chen Yan, (2010). Modeling the impact of urbanization on the local and regional climate in Yangtze River Delta, China, *Theoretical and Applied Climatology* DOI 10.1007/s00704-010-0263-1.
7. ZHANG Ning, Quinton L. Williams, and Heping Liu, (2010). Effects of Land-Surface Heterogeneity on Numerical Simulations of Mesoscale Atmospheric Boundary Layer Processes, *Theoretical and Applied Climatology* DOI 10.1007/s00704-010-0268-9.
8. C.S.B. Grimmond, M. Blackett, M.J. Best and J. Barlow et al. and ZHANG Ning, (2010). The International Urban Energy Balance Models Comparison Project: First results from Phase 1, *Journal of Applied Meteorology and Climatology* Vol.49: 1268-1292
9. ZHANG Ning, W. M. Jiang, et al., (2009). Determination of Urban Surface Aerodynamic Characteristics Using Marquardt Method, *Wind and Structures* 12(3): 281-283.
10. Chen, Y., W. M. Jiang, ZHANG Ning, He Xiaofeng and Zhou Rongwei, (2009). Numerical simulation of the anthropogenic heat effect on urban boundary layer structure, *Theoretical and Applied Climatology* 97(1): 123-134.
11. Zhang Ning, Jiang Weimei and Chen Yan, 2008, A Numerical Study of Urban Canopy Processes Influence on Local Climate, *iCBBE: Environmental Pollution and Public Health (EPPH2008)*, May 16-18, Shanghai, China (Accepted).
12. Zhang Ning and Jiang Weimei, 2006, A Large Eddy Simulation on the Effect of Buildings on Atmospheric Pollutant Dispersion, *Chinese Atmospheric Science*, Vol.30, 361-371
13. Zhang Ning, Jiang Weimei, Miao Shiguang., 2006, A Large Eddy Simulation on the Effect of Buildings on Urban Flows, *Wind and Structure*, Vol.9,23-36
14. 张宁、蒋维楣, 2006, 建筑物对大气污染物扩散影响的大涡模拟, *大气科学*, Vol.30,212-220
15. Zhang Ning, Jiang Weimei, Hu Fei, 2004, Numerical Method Study of How Buildings Affect the Flow Characteristics of an Urban Canopy, *Wind and Structures*, Vol.7 ,159-172
16. Fang Xiaoyi, Jiang Weimei, Miao Shiguang, Zhang Ning, Xu,M., et al, 2004, The Multi-Scale Numerical Modeling System for Research on the Relationship between Urban Planning and Meteorological Environment, *Advances in Atmospheric Sciences*, Vol.21,103-112
17. 房小怡, 蒋维楣, 吴润, 张宁, 刘红年, 徐天骄, 2004, 城市空气质量数值预报系统及其应用,*环境科学学报*, V ol.24,111-115
18. 欧阳琰, 蒋维楣, 胡非, 苗世光, 张宁, 2003, 城市小区环境流场及污染物扩散的风洞实验研究, *南京大学学报(自然科学版)*, Vol.39,768-780
19. 张宁, 蒋维楣, 王晓云, 2002, 城市街区与建筑物对气流特征影响的数值模拟研究, *空气动力学学报*, Vol.20,3 39-342

20. 苗世光, 蒋维楣, 王晓云, 张宁, 季崇萍, 李炬, 2002, 城市小区气象与污染扩散数值模式的建立研究, 环境科学学报, Vol.22, 478-483
21. 张宁, 蒋维楣, 胡非, 2001, 利用k-ζ湍流能量闭合方法对城市街渠内气流结构的模拟, 空气动力学学报, Vol.19, 296-301
22. 张宁, 蒋维楣, 2000, 城市街渠内气流的数值模拟与分析, 南京大学学报(自然科学版), Vol.36, 758-772

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