

论文编目索引

1. Bian, T., G. Y. Ren, Y. X. Yue. 2017: Effect of urbanization on land surface temperature at an urban climate station in North China. *Boundary Layer Meteorology*, doi 10.1007/s10546-017-0282-x.
2. Bian, T., G. Y. Ren. 2017: Reassessment of urbanization effect on surface air temperature trends at an urban station of North China. *Meteorology and Atmospheric Physics*, doi: 10.1007/s00703-017-0568-z.
3. 陈丽娟, 顾伟宗, 伯忠凯, 等. 黄淮地区夏季降水的统计降尺度预测. *应用气象学报*, 2017, 28(2): 129-141.
4. 陈琪, 张华, 荆现文, 等. 2017: 冰晶粒子不同形状假定对辐射收支和气候的影响. *气象学报*, 75(4): 607-617.
5. Siyan Dong, Ying Sun, Enric Aguilar, Xuebin Zhang, et al. 2017: Observed changes in temperature extremes over Asia and their attribution. *Clim Dyn*, doi: 10.1007/s00382-017-3927-z.
6. Samantha Ferrett, Matthew Collins, and Hong-Li Ren. 2017: Understanding bias in the evaporative damping of El Niño Southern Oscillation events in CMIP5 models. *Journal of Climate*, 30(16): 6351-6370. doi: 10.1175/JCLI-D-16-557 0748.1.
7. 高辉, 丁婷, 李维京. 2017: 三维副热带高压强度指数及对中国东部雨带异常表征的改进. *科学通报*, 62(31): 3643-3654.
8. Zhiqiang Gong, Muhammad Mubashar Dogar, Shaobo Qiao, Po Hu, and Guolin Feng. 2017: Assessment and correction of BCC_CSM's performance in capturing leading modes of summer precipitation over North Asia. *International Journal of Climatology*, doi: 10.1002/joc.5327.
9. Zhiqiang Gong, Guolin Feng, Muhammad Mubashar Dogar, Gang Huang. 2017: The possible physical mechanism for the EAP-SR co-action. *Climate Dynamics*, doi.org/10.1007/s00382-017-3967-4.
10. Shakir Hussain, Xiangfang Song, Guoyu Ren, et al. 2017: Evaluation of gridded precipitation data in the Hindu Kuch-Karakoram-Himalaya mountainous area. *Hydrological Sciences Journal*, doi 10.1080/02626667.2017.1384548.
11. 贾孜拉·拜山, 李维京, 孙丞虎, 等. 2017: 1961—2014年我国西南地区干湿季变化特征. *气候变化研究进展*, 13(2): 103-116.
12. Hermanson, Leon, Hong-Li Ren, M. Vellinga, N. D. Dunstone, et al. 2017: Different types of drifts in two seasonal forecast systems and their dependence on ENSO. *Climate Dynamics*, doi:10.1007/s00382-017-3962-9.
13. 李景鑫, 任宏利, 陆波, 刘景鹏, 康延臻. 2017: 北大西洋涛动和南半球环状模不同位相配置对我国南方夏季降水的协同影响. *地球物理学报*, 60(10): 3730-3744. doi: 10.6038/cjg20171004.
14. Weijing Li, Hong-Chang Ren, Jinqing Zuo, et al. 2017: Early summer southern China rainfall variability and its oceanic drivers. *Clim Dyn*, doi: 10.1007/s00382-017-3898-0.
15. Li Yi, Ding Yihui, Li Weijing. 2017: Observed trends in various aspects of compound heat waves across China from 1961 to 2015. *J Meteor Res*, 31(3): 455-467.
16. Liu Ying, Ren Hongli. 2017: Improving ENSO Prediction in CFSv2 with an Analogue-based Correction Method. *International Journal of Climatology*, doi: 10.1002/joc.5142.
17. 刘颖, 任宏利, 张培群, 等. 2017: 利用高原积雪信号改进我国南方夏季降水预测的新方法及其在2014年降水预测中的应用试验. *大气科学*, 41(2): 313-320.
18. Meng, Fanchao, Mingcai Li, Jingfu Cao, Ji Li, Mingming Xiong, Xiaomei Feng, Guoyu Ren. 2017: The

- effects of climate change on heating energy consumption of office buildings in different climate zones in China. *Theoretical and Applied Climatology*, 1-10. doi 10.1007/s00704-017-2206-6.
19. Mu, Mu, and Hong-Li Ren. 2017: Enlightenment from researches and predictions of 2014-2016 super El Niño event. *Science China Earth Sciences*, 60(9): 1569-1571, doi: 10.1007/s11430-017-9094-5.
 20. 穆 穆, 任宏利. 2017: 2014—2016 年超强厄尔尼诺事件研究及其预测给予我们的启示. *中国科学:地球科学*, 47(9): 993-995. doi: 10.1360/N072017-00245.
 21. 聂 羽, 韩振宇, 韩荣青, 等. 2017: 中国夏季热浪持续天数的年际变化及环流异常分析. *气象*, 43(11): 1370-1381.
 22. Ren, G. Y., Y. H. Ding, and G. L. Tang. 2017: An overview of mainland China temperature change research. *J Meteor Res*, 31(1): 3-16, doi: 10.1007/s13351-017-6195-2.
 23. Ren, G. Y., A. B. Shrestha. 2017: ACCR Special Issue: Climate change in the Hindu Kush Himalaya. *Advances in Climate Change Research*, 8: 137-140.
 24. 任宏昌, 左金清, 李维京. 2017: 1998 年和 2016 年北大西洋海温异常对中国夏季降水影响的数值模拟研究. *气象学报*, doi: 10.11676/qxxb2017.063.
 25. Ren, Hong-Li, and Pengfei Ren. 2017: Impact of Madden-Julian Oscillation upon winter extreme rainfall in southern China: observations and predictability in CFVs2. *Atmosphere*, 8(192), published online. doi: 10.3390/atmos8100192.
 26. Ren Hong-Li, Wang Run, Zhai Panmao, Ding Yihui, Lu Bo. 2017: Upper-ocean dynamical features and prediction of the super El Niño in 2015/16: A comparison with the Cases in 1982/83 and 1997/98. *J Meteor Res*, 31(2), 278-294, doi: 10.1007/s13351-017-6194-3.
 27. Ren, Hong-Li, Fei-Fei Jin, Lianchun Song, Bo Lu, Ben Tian, Jinqing Zuo, et al. 2017: Prediction of primary climate variability modes in the Beijing Climate Center. *Journal of Meteorological Research*, 31(1): 204-223. doi: 10.1007/s13351-017-6097-3.
 28. 任宏利, 王 润, 翟盘茂, 丁一汇, 陆 波. 2017: 超强厄尔尼诺事件海洋学特征分析与预测回顾. *气象学报*, 75(1): 1-18. doi:10.11676/qxxb2017.026.
 29. Rajbhandari, R., A. B. Shrestha, S. Nepal, S. Wahid, and G. Ren. 2017: Extreme climate projection over the trans boundary Koshi River basin using a high resolution regional climate model. *Advance in Climate Change Research*, 8: 199-211.
 30. Ren, Yuyu, Guoyu Ren, Xiubao Sun, A. B. Shrestha, Qinglong You, R. Krishnan, et al. 2017: Observed changes in surface air temperature and precipitation in the Hindu Kush Himalayan region over the last 100-plus years. *Advance in Climate Change Research*, 8: 148-156.
 31. Sanjay, J. R. Krishnan, A. B. Shrestha, R. Rajbhandari, G. Ren. 2017: Downscaled climate change projections for the Hindu Kush Himalayan region using CORDEX South Asia regional climate models. *Advance in Climate Change Research*, 8: 185-198.
 32. 申红艳, 陈丽娟, 胡 泊, 等. 2017: 西北中部夏季降水主要空间型及环流特征. *高原气象*, 36(2): 455-467.
 33. 史 霖, 陈丽娟, 李维京, 等. 2017: 2015 年汛期我国南方季节内东西反相旱涝型及环流特征. *气象*, 43(6): 705-715.
 34. 史珩瑜, 张祖强, 任宏利. 2017: 近百年来 ENSO 强度的变化特征. *气候变化研究进展*, 13(1): 1-10. doi: 10.12006/j.issn.1673-1719.2016.117.
 35. Si Dong, Aixue Hu. 2017: Internally Generated and Externally Forced Multidecadal Oceanic Modes and

Their Influence on the Summer Rainfall over East Asia. *Journal of Climate*, 30: 8299-8316.

36. 孙 劭, 李 多, 刘绿柳, 等. 2017: 2016 年全球重大天气气候事件及其成因. *气象*, 43(4): 477-485.
37. 孙小婷, 李清泉, 王黎娟. 2017: 我国西南地区夏季长周期旱涝急转及其大气环流异常. *大气科学*, 61(6): 1332-1342.
38. Sun, X. B., G. Y. Ren, W. H. Xu, Q. X. Li, Y. Y. Ren. 2017: Global land-surface air temperature change based on the new CMA GLSAT data set. *Science Bulletin*, 62: 136-238. doi: 0.1016/j.scib.2017.01.017.
39. Sun, Xiubao, Guoyu Ren, Yuyu Ren, Yihe Fang, Yulian Liu, Xiaoying Xue. 2017: A remarkable climate warming hiatus over Northeast China since 1998. *Theoretical and Applied Climatology*, doi 10.1007/s00704-017-2205-7.
40. Sun, Xiubao, Guoyu Ren, Yuyu Ren, A. B. Shrestha, Qinglong You, R. Krishnan, et al. 2017: Changes in extreme temperature events over the Hindu Kush- Himalaya during 1961—2015. *Advances in Climate Change Research*, 8: 157-165.
41. Tan, Gui-Rong, Hong-Li Ren, Haishan Chen, and Qinglong You. 2017: Detecting primary precursors of January surface air temperature anomalies in China. *Journal of Meteorological Research*, 31(6): 1096-1108. doi:10.1007/s13351-017-7013-6.
42. TAN Juan, LI Qing-Quan, WANG Lan-Ning, et al. 2017: Simulation of CFC-11 distribution based on the global oceanic carbon cycle model MOM4_ L40 and an assessment of its ventilation capability. *Chinese Journal of Geophysics*, Vol. 60, No. 2, 2017, 174-190.
43. Fang Wang, and Song Yang. 2017: Regional characteristics of long-term changes in total and extreme precipitations over China and their links to atmospheric-oceanic features. *International Journal of Climatology*, Int. J. Climatol. 37: 751-769 (2017) doi: 10.1002/joc.4737.
44. 王 琳, 任宏利, 陈权亮, 田 奔, 等. 2017: 基于逐步回归模态投影方法的 BCC 气候系统模式 ENSO 预报订正. *气象*, 43(3): 294-304.
45. Wang, Run, and Hong-Li Ren. 2017: The linkage between two ENSO types/modes and the interdecadal changes of ENSO around the year 2000. *Atmospheric and Oceanic Science Letters*, 10(2): 168-174. doi: 10.1080/16742834.2016.1258952.
46. 汪栩加, 郑志海, 封国林, 等. 2017: 延伸期预报中大气初值与海温边值的相对作用. *气象学报*, 75(1): 111-122.
47. Min Wei, Qingquan Li, Xiaoge Xin, et al. 2017: Improved decadal climate prediction in the North Atlantic using EnOI-assimilated initial condition. *Science Bulletin*, 62(16): 1142-1147.
48. 吴 捷, 任宏利, 等. 2017: BCC 二代气候系统模式的季节预测评估和可预报性分析. *大气科学*, 41(6): 1300-1315.
49. 谢 冰, 张 华, 杨冬冬. 2017: 甲烷浓度变化的有效辐射强迫及其对气候的影响. *气候变化研究进展*, 13(1): 83-88.
50. 杨冬冬, 赵树云, 张 华. 2017: 未来全球 PM_{2.5} 浓度时空变化特征的模拟. *中国环境科学*, 37(4): 1201-1212.
51. Yang, P., G. Y. Ren, P. C. Yan. 2017: Evidence for a strong association of short-duration intense rainfall with urbanization in the Beijing urban area. *Journal of Climate*, doi.org/10.1175/JCLI-D-16-0671.1.
52. Yang, P., G. Y. Ren, W. Hou. 2017: Temporal-spatial pattern of relative humidity and the urban dryness island effect in Beijing City. *Journal of Applied Meteorology and Climatology*, doi: 10.1175/

JAMC-D-16-0338. 1.

53. You, Qing-Long, Guo-Yu Ren, Yu-Qing Zhang, Yu-Yu Ren, Xiu-Bao Sun, et al. 2017: An overview of studies of observed climate change in the Hindu Kush Himalayan (HKH) region. *Advances in Climate Change Research*, 8: 141-147. doi.org/10.1016/j. accre. 2017. 04. 001.
54. Yuan Yuan, Gao Hui, Li Weijing, et al. 2017: The 2016 summer floods in China and associated physical mechanisms: A comparison with 1998. *J Meteor Res*, 31(2): 261-277. doi:10.1007/s13351-017-6192-5.
55. 袁媛, 高辉, 李维京, 等. 2017: 2016年和1998年汛期降水特征及物理机制对比分析. *气象学报*, 75(1): 19-38.
56. Zhan, Y. J. , G. Y. Ren, A. B. Shrestha, R. Rajbhandari, R. Krishnan, Y. Y. Ren, et al. 2017: Changes in extreme precipitation events over the Hindu Kush-Karakoram-Himalayan region during 1961—2012. *Advances in Climate Change Research*, 8: 166-175.
57. 张华, 安琪, 赵树云, 等. 2017: 关于硝酸盐气溶胶光学特征和辐射强迫的研究进展. *气象学报*, 75(4): 539-551.
58. 张浩鑫, 李维京, 李伟平. 2017: 春夏季青藏高原与伊朗高原地表热通量的时空分布特征及相互联系. *气象学报*, 75(2): 260-274.
59. 张雷, 任国玉, 宝乐尔其木格, 徐宾, 宇婧婧. 2017: 基于卫星观测的南海表层温度气候学特征及长期变化. *气候变化研究进展*, 13(3): 189-197.
60. 张灵, 陈丽娟, 周月华, 等. 2017: 中国夏季气温变化的主模态及环流特征分析. *气象*, 43(11): 1393-1401.
61. Zhao Shuyun, Zhang Hua, Xie Xing. 2017: The Effects of El Niño-South Oscillation on the Winter Haze Pollution of China. *Atmospheric Chemistry and Physics*, 2017: 1-24.
62. Shuyun Zhao, Hua Zhang, Zhili Wang, et al. 2017: Simulating the Effects of Anthropogenic Aerosols on Terrestrial Aridity Using an Aerosol-Climate Coupled Model. *Journal of Climate*, 30, 7451-7463.
63. 赵树云, 陈丽娟, 崔童. 2017: ENSO位相转换对华北雨季降水的影响. *大气科学*, 41(4): 857-868.
64. 赵玉衡, 封国林, 郑志海. 2017: 基于统计方法的典型冬季海温变率分类研究. *高原气象*, 36(5): 1357-1367.
65. 郑祚芳, 任国玉. 2017: 风场变形误差对北京降水记录及变化趋势的影响. *水科学进展*, 28(5): 662-670.
66. Chen Zhou, Hua Zhang, Shuyun Zhao, et al. 2017: Simulated effects of internal mixing of anthropogenic aerosols on the aerosol-radiation interactions and global temperature. *International Journal of Climatology*, 37, issue s1, 972-986.
67. Zhou, Fang, Hong-Li Ren, Xiaofeng Xu, and You Zhou. 2017: Understanding positive feedback between PNA and synoptic eddies by eddy structure decomposition method. *Climate Dynamics*, 48(11): 3813-3827. doi: 10.1007/s00382-016-3304-3.
68. Zhou, Fang, and Hong-Li Ren. 2017: Dynamical feedback between synoptic eddy and low-frequency flow as simulated by BCC_CSM1.1(m). *Advances in Atmospheric Sciences*, 34(11):1316-1332, doi: 10.1007/s00376-017-6318-9.