

论文编目索引

1. Bao, B., G. Y. Ren. 2018: Sea-Effect Precipitation over the Shandong Peninsula, Northern China. *Journal of Applied Meteorology and Climatology*, 57: 1291-1308. doi:10.1175/JAMC-D-17-0200.1.
2. 卞 韬, 任国玉, 张立霞. 2018: 城市化对石家庄站近地面风速趋势的影响. *气候变化研究进展*, 14(1): 21-30.
3. 陈 琪, 张 华. 2018: Henye-Greenstein 近似对冰云短波辐射计算的影响. *光学学报*, 38(8): doi:10.3788/AOS201838.0801001.
4. Chao Qingchen, Feng Aiqing. 2018: Scientific basis of climate change and its response. *Global Energy Interconnection*, 1(4): 420-427. doi:10.14171/j.2096-5117.gei.2018.04.002.
5. Dong S Y, Sun Y. 2018: Comparisons of observational data sets for evaluating the CMIP5 precipitation extreme simulations over Asia. *Climate Research*, 76(2): 161-176.
6. Feng G, Zou M, Qiao S, Zhi R, Gong Z. 2018: The changing relationship between the December North Atlantic Oscillation and the following February East Asian trough before and after the late 1980s. *Climate Dynamics*, doi:10.1007/s00382-018-4165-8.
7. Samantha Ferrett and Matthew Collins, Hongli Ren. 2018: Diagnosing Relationships between Mean State Biases and El Niño Shortwave Feedback in CMIP5 Models. *Journal of Climate*, 1315-1335, doi:10.1175/JCLI-D-17-0331.1.
8. Feng Taichen, Tao Su, Fei Ji, Rong Zhi, Zixuan Han. 2018: Temporal Characteristics of Actual Evapotranspiration Over China Under Global Warming. *Journal of Geophysical Research: Atmospheres*, 123, 5845-5858.
9. 胡 泊, 申红艳, 王晓娟, 封国林. 2018: 东北亚地区初夏、盛夏和传统夏季降水特征及环流型的异同性研究. *大气科学*, 42(1): 109-123.
10. Li Chengcheng, Hongli Ren, Fang Zhou, Shuanglin Li, et al. 2018: Multi-pentad prediction of precipitation variability over Southeast Asia during boreal summer using BCC_CSM1. 2. *Dynamics of Atmospheres and Oceans*, 82, 20-36.
11. Weijing Li, Hongchang Ren, Jinqing Zuo, Hongli Ren. 2018: Early summer southern China rainfall variability and its oceanic drivers. *Clim Dyn*, 50: 4691-4705. doi:10.1007/s00382-017-3898-0.
12. 李维京, 刘景鹏, 任宏利, 左金清. 2018: 中国南方夏季降水的年代际变率主模态特征及机理分析. *大气科学*, 42(4): 859-876.
13. Li Xin, Qinglong You, Guoyu Ren, Suyan Wang, Yuqing Zhang, et al. 2018: Concurrent droughts and hot extremes in Northwest China from 1961 to 2017. *International Journal of Climatology*, 1-11.
14. Li Yan, Li Qingquan, Wang Qingyuan, et al. 2018: A Comparison and Evaluation of Two Centennial-scale Sea Surface Temperature Datasets in the China Seas and Their Adjacent Sea Areas. *Journal of Tropical Meteorology*, 24(4): 448-456.
15. Liu Jingpeng, Hong Li Ren, Weijing Li and Jinqing Zuo. 2018: Remarkable impacts of Indian Ocean sea surface temperature on interdecadal variability of summer rainfall in Southwestern China. *Atmosphere*, 9 (103): doi:10.3390/atmos9030103.
16. Liu Jingpeng, Hongli Ren, Weijing Li and Jinqing Zuo. 2018: Diagnosing the leading mode of interdecadal covariability between the Indian Ocean sea surface temperature and summer precipitation in Southern Chi-

na. *Theoretical and Applied Climatology*, doi:10.1007/s00704-018-2430-8.

17. 刘明站, 任宏利, 张文君, 任鹏飞. 2018: 超强厄尔尼诺事件对中国东部春夏季极端降水频率的影响. *气象学报*, 76(4): 539-553.
18. Liu Ying, Ren Hongli, et al. 2018: Evaluation and statistical downscaling of East Asian summer monsoon forecasting in BCC and MOHC seasonal prediction systems. *Quarterly Journal of the Royal Meteorological Society*, 144:2798-2811, doi:10.1002/qj.3405.
19. 刘玉莲, 任国玉. 2018: 基于度-时法的哈尔滨冬季采暖强度评价. *自然资源学报*, 33(1): 139-148.
20. 刘玉莲, 任国玉, 张广英, 等. 2018: 地面气温对微环境空间差异的响应—以漠河站为例. *气象科技*, 46(2): 215-223.
21. 刘玉莲, 任国玉, 孙秀宝. 2018: 降水相态分离单临界气温模型建立和检验. *应用气象学报*, 29(4): 449-459. doi:10.11898/1001-7313.20180406.
22. Lu B, Jin F F, Ren H L. 2018: A Coupled Dynamic Index for ENSO Periodicity. *Journal of Climate*, 31: 2361-2376.
23. Lu B, Ren H L, Scaife A A, et al. 2018: An extreme negative Indian Ocean Dipole event in 2016: dynamics and predictability. *Climate Dynamics*, 51: 89-100.
24. Lu B, Ren H L, Eade R. 2018: Indian Ocean SST modes and Their Impacts as Simulated in BCC_CSM1.1(m) and HadGEM3. *Advances in Atmospheric Sciences*, 35: 1035-1048.
25. Lu C H, Y Sun, X B Zhang. 2018: Multimodel detection and attribution of changes in warm and cold spell durations. *Environmental Research Letters*, 13: 074013, doi:org/10.1088/1748-9326/aacb3e.
26. Xianwen JING, Hua ZHANG, Masaki SATOH and Shuyun Zhao. 2018: Improving representation of tropical cloud overlap in GCMs based on cloud-resolving model data. *Journal of Meteorological Research*, 32(2): 233-245, doi:10.1007/s13351-018-7095-9.
27. Om Kum-Chol, Guoyu Ren, Shuanglin Li, Kang-Chol O. 2018: Climatological characteristics and long-term variation of rainy season and torrential rain over DPR Korea. *Weather and Climate Extremes*, doi:org/10.1016/j.wace.2018.09.003.
28. Yun Qin, Guoyu Ren, Tianlin Zhai, Panfeng Zhang and Kangmin Wen. 2018: A new Methodology for Estimating the Surface Temperature Lapse Rate Based on Grid Data and Its Application in China. *Remote Sensing*, 10.1617; doi:10.3390/rs10101617.
29. Hongli Ren, Bo Lu, Jianghua Wan, Ben Tian and Peiqun Zhang. 2018: Identification Standard for ENSO Events and Its Application to Climate Monitoring and Prediction in China. *Journal of Meteorological Research*, 32(6): 923-936, doi:10.1007/s13351-018-8078-6.
30. Ren Pengfei, Hongli Ren, Joshua Xiouhua Fu, Jie Wu and Liangmin Du. 2018: Impact of boreal summer intraseasonal oscillation on rainfall extremes in southeastern China and its predictability in CFSv2. *Journal of Geophysical Research: Atmospheres*, 123, 4423-4442.
31. Rim C B, K C Om, G Y Ren, Su Song Kim, Hyok Chol Kim, Kang Chol O. 2018: Establishment of a wildfire forecasting system based on coupled weather-wildfire modeling. *Applied Geography*, 90: 224-228.
32. Shen Yuyang, Ren Hongli, Li Weijing, et al. 2018: Relationship Between Summer Low-Frequency Rainfall Over Southern China and Propagation of Tropical Intraseasonal Oscillation. *Journal of Tropical Meteorology*, 24(1): 92-101, doi:10.16555/j.1006-8775.2018.01.009.
33. 孙 劭, 王东仟, 尹宜舟, 等. 2018: 2017 年全球重大天气气候事件及其成因. *气象*, 44(4): 556-564.

34. Sun X B, Guoyu Ren, Qinglong You, Yuyu Ren, Wenhui Xu, et al. 2018: Global diurnal temperature range (DTR) changes since 1901. *Climate Dynamics*, doi:org/10.1007/s00382-018-4329-6.
35. Sun Ying, Hu Ting, Zhang Xuebin. 2018: Substantial Increase in Heat Wave Risks in China in a Future Warmer World. *Earth's Future*, 6, 1528-1538, doi.org/10.1029/2018EF000963.
36. 索南看卓, 任国玉, 贾文茜, 孙秀宝. 2018: 武汉城市相对湿度气候学特征与长期变化趋势. *气候与环境研究*, 23(6): 715-724, doi:10.3878/j.issn.1006-9585.2017.17122.
37. Wang F and Yang S. 2018: Can CFMIP2 models reproduce the leading modes of cloud vertical structure in the CALIPSO-GOCCP observations? *Theoretical and Applied Climatology*, 131: 1465-1477. <https://doi.org/10.1007/s00704-017-2051-7>.
38. Wan Jianghua, Ren Hongli. 2018: Representation of the ENSO Combination Mode and its Asymmetric SST Response in Different Resolutions of HadGEM3. *Advances in Atmospheric Sciences*. 35(8): 1063-1076.
39. 王海波, 张 华, 荆现文, 谢 冰. 2018: 不同云重叠参数对全球和东亚地区模拟总云量的影响. *气象学报*, 76(5): 767-778, doi:10.11676/qxxb2018.027.
40. 吴刚哲, 严金哲, 任国玉, 等. 2018: 朝鲜中西部地区春季植被覆盖度与气候因子的关系. *气象与环境学报*, 34(4): 112-118.
41. 吴 捷, 任宏利, 许小峰, 等. 2018: MJO 对我国降水影响的季节调制和动力-统计降尺度预测. *气象*, 44(6): 737-751.
42. Wu Liquan, Li Qingquan, et al. 2018: Preliminary Assessment on the Hindcast Skill of the Arctic Oscillation with Decadal Experiment by the BCC_CSM1.1 Climate. *Model. Advance in Climate change Research*, 9(4): 209-217.
43. Yujie Wu, Wansuo Duan. 2018: Impact of SST Anomaly Events over the Kuroshio-Oyashio Extension on the "Summer Prediction Barrier". *Advances in Atmospheric Sciences*, 35(4): 397-409.
44. Wu Y P, Hu Y Y, Cao H X, Fu C F, Feng G L. 2018: Computing entropy change in synoptic-scale system. *Physica A*, 494, 163-168.
45. Wu Yongping, Zhu Chunyangzi, Feng Guolin, Li B Larry. 2018: Mathematical modeling of fog-Haze evolution. *Chaos, Solitons and Fractals*, 107(2018)1-4.
46. 晏红明, 李清泉, 王东阡. 2018: 云南雨季的时空特征及与大气环流变化的关系. *热带气象学报*, 34(1): 12-22.
47. 杨 柳, 赵俊虎, 封国林. 2018: 中国东部季风区夏季四类雨型的水汽输送特征及差异. *大气科学*, 42(1): 81-95, doi:10.3878/j.issn.1006-9895.1706.16273.
48. Yin H and Y Sun. 2018: Detection of Anthropogenic Influence on Fixed Threshold Indices of Extreme Temperature. *Journal of Climate*, 31: 6341-6352, doi:10.1175/JCLI-D-17-0853.1.
49. Huang Yu, Hong Li Ren, Robin Chadwick, Zhigang Cheng, Quanliang Chen. 2018: Diagnosing changes of winter NAO in response to different climate forcings in a set of atmosphere-only timeslice experiments. *Atmosphere*, 9(1): 10. doi:10.3390/atmos9010010.
50. Zhan Y J, Ren G Y, Yang S. 2018: Change in precipitation over the Asian continent from 1901-2016 based on a new multi-source dataset. *Climate Research*, 76:41-57. <https://doi.org/10.3354/cr01523>.
51. 章大全, 陈丽娟, 柳艳菊, 等. 2018: 2016 年 10 月我国将水预测失败的原因分析. *气象*, 44(1): 189-198.
52. H Zhang, B Xie and Z Wang. 2018: Effective radiative forcing and climate response to short-lived climate pollutants under different scenarios. *Earth's Future*, 6, 857-866.

53. Hua Zhang, Chen Zhou and Shuyun Zhao. 2018: Influences of the internal mixing of anthropogenic aerosols on global aridity change. *Journal of Meteorological Research*, 32(5): 723-733.
54. Junhu Zhao, Liu Yang, Guolin Feng. 2018: Circulation System Configuration Characteristics of Four Rainfall Patterns in Summer over the East China. *Theor Appl Climatol*, 131:1211-1219. doi: 10.1007/s00704-017-2047-3.
55. Zhao J H, Zhou J, Yang L, Hou W, Feng G L. 2018: Inter-annual and inter-decadal variability of early- and late-summer precipitation over Northeast China and their background circulation. *International Journal of Climatology*, 38: 2880-2888. doi:10.1002/joc.5470.
56. 赵俊虎, 陈丽娟, 王东阡. 2018: 2016年我国梅雨异常特征及成因分析. *大气科学*. 42(5): 1055-1066, doi: 10.3878/j.issn.1006-9895.1708.17170.
57. 赵俊虎, 陈丽娟, 熊开国. 2018: 基于新监测指标的江南入梅早晚的气候特征及影响系统分析. *气象学报*, 76(5): 680-698, doi:10.11676/qxxb2018.025.
58. Zhao Shuyun, Zhang Hua, Xie Bing. 2018: The Effects of El Niño-Southern Oscillation on the Winter Haze Pollution of China. *Atmospheric Chemistry and Physics*, 18, 1863-1877.
59. 郑祚芳, 任国玉. 2018: 北京地区大气湿度变化及城市化影响分析. *气象*, 44(11): 1471-1478.
60. 郑祚芳, 任国玉, 高 华. 2018: 北京地区局地环流观测分析. *气象*, 44(3): 425-433.
61. 支 蓉, 陈丽娟, 竺夏英. 2018: 2017年秋季我国北方地区降水异常偏多成因分析. *气象*, 44(4): 572-581.
62. Chen Zhou, Hua Zhang, Shuyun Zhao, Jiangnan Li. 2018: On effective radiative forcing of partial internally and externally mixed aerosols and their effects on global climate. *Journal of Geophysical Research: Atmospheres*, 123, 401-423.