

Curriculum Vita



Qingxiang Li, PhD and Professor

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Google Scholar: https://scholar.google.com.hk/citations?hl=zh-CN&user=pP8yvb4AAAAJ&view_op=list_works

EDUCATION

Ph.D., Jan, 2009, Meteorology, University of China Academy of Sciences (UCAS)

M.S., June, 2000, Atmospheric Sciences, Nanjing University of Information & Technology (NUIST)

B.S., July, 1997, Climatology, Nanjing University of Information & Technology (NUIST)

PROFESSIONAL DETAILS

2017.05—Now **Professor (2017-),** School of Atmospheric Sciences, SYSU

2011.04—2017.08 **Chief Scientist and Deputy Director,**
Professor (2011-2017), Division of Meteorological Data
Research, MDC (NMIC) /CMA

2008.10—2011.04 **Deputy Director, Professor (2010-2011),**
Division of Climate/ Meteorological data, Department of
prediction & Information System, CMA

2007.1—2008.10 **Deputy Director and Senior Engineer (2006-2008),**
Division of Operation, Sciences and Technology, MDC (NMIC)/
CMA

2000.6 — 2006.12 **Engineer(2002-2005) , Senior Engineer (2005-2006) ,**
Division of Meteorological Data, Meteorological Data Center
(MDC) (or National Meteorological Information Center (NMIC)),
China Meteorological Administration (CMA)

* I used to be a Joint Professor (full) and PhD Supervisor of Chinese Academy of Meteorological Sciences (CAMS) (also University of Chinese Academy of Sciences, Nanjing University of Information Sciences & Technology) during 2013-2019;

* I have been a Visiting scholar in:

2017, NYSU Albany (hosted by Profs Aiguo Dai and Liming

Zhou) 2012, Canada's ECCC (hosted by Dr Xiaolan Wang)

2007, University of East Anglia (hosted by Prof Phil Jones)

2007, UK's Met Office Hadley Center (hosted by Mr. David Parker)

2004, NOAA's NCEI (formaly NCDC) (hosted by Drs Tom Peterson and Dave Easterling)

HONORS AND AWARDS

- 2023, "Tianchi Talents" of Xinjiang Uygur Autonomous Region Government (supported by: Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences)
- 2018, Zou Jingmeng Meteorological Science & Technology Talent Award
- 2017, Science & Technology Leading Talents of CMA
- 2016, The first prize of Jiangsu Science & Technology Award (Rank 3) for "statistical theory and change law of extreme climate and its future prediction" Project (Jiangsu Province, China)

Science Popularization and Media Engagement

- ✚ January 18, 2008, exclusive interview published in China Meteorological News: Empowering Datasets for Rapid Development
- ✚ December 3, 2018, exclusive interview published in China Meteorological News: Rooted in Data, Focused on Climate Change Observation
- ✚ October 19, 2023, popular science column in China Meteorological News: A New Climate Normal Arrives: The Earth Enters a Boiling Era
- ✚ September 21, 2023, front-page report in China Science Daily: 2023 Ranked as the Third Hottest Year; Record-breaking Heat to Become a Reality
- ✚ September 28, 2023, exclusive interview in the "Expert Opinions" column of China Meteorological News: Rising Global Temperatures and Emerging Regional Impacts
- ✚ September 28, 2023, news feature in Hong Kong's South China Morning Post: 2024 could be even hotter than this year, study finds
- ✚ March 23, 2024, exclusive interview in Southern Weekly: Alternating Extremes of Ice and Fire: Is the Climate Cooling or Warming? | World Meteorological Day
- ✚ September 12, 2024, exclusive interview in Southern Weekly: Is South China Becoming "Indianized"? Can Huoxiang Zhengqi Liquid Cure All Heatstrokes? — Scientific Interpretation of Climate Memes
- ✚ April 11, 2025, exclusive interview in the "Expert Opinions" column of China Meteorological News: Impacts of ECMWF's Open High-resolution Data: Solving Old Challenges and Raising New Questions
- ✚ January 15, 2026, multiple media reports: Guangming Daily published Sun Yat-sen University Research Team Releases Global Temperature Assessment Report; China Science Daily released Report Confirms 2025 as One of the Warmest Years on Record; Hong Kong Commercial Daily reported Independently Developed Data of Sun Yat-sen University Applied to Authoritative International Climate Reports, etc.
- ✚ January 14, 2026, widespread media coverage: Xin Kuai Bao reported 2025 Listed as One of the Warmest Years on Record, with Sun Yat-sen University's Independent Data

Adopted by Global Climate Reports; CNR News released WMO: 2025 Among the Hottest Years in Recorded History; Yangcheng Evening News (Yangcheng Pie) published 2025 Ranked the Third Warmest Year on Record; Yue TV reported WMO Report: Record-breaking Warming in 2025, Supported by Sun Yat-sen University Datasets, etc.

 January 20, 2026, report in China Meteorological News: WMO Confirms 2025 as One of the Hottest Years on Record

SELECTED ACADEMIC AND SOCIAL SERVICES

- Member of the Open PAnels of CHy Experts (OPACHE) of WMO/CHy (2012-2020)
- Member of National Technical Committee for climate and climate change standardization (2014-now)
- Topic Editor of *Earth System Science Data (Germany)*
- Co-Editor in Chief of *Geoscience Data Journal* (2025-now)
- Lead Scientist (chinese side) for CMA- NOAA (USA) Joint Work Group on climate data and climate change observation (2014-2018)
- Lead Scientist (chinese side) for CMA- ECCC (Canada) Joint Work Group on data quality control and homogenization (2012-2018)
- National review expert of IPCC's AR5 (2011-2013)

PEER REVIEWED PUBLICATIONS

1. Li, Z., **Li, Q.***, Jiao, B., Xu Q., Wei S., Ru X., Si P., Chao L., Zhang H., Lin J., Liao L., Zhang H., Huang B., P. Jones. 2025, An integrated uncertainty framework for the China-MST 3.0 global surface temperature dataset. *J. Geophys. Res. Atmos.*, 131, e2025JD044732. DOI: 10.1029/2025JD044732
2. Li, X., **Li, Q.***, 2026, Ocean Heat Uptake Structure Shapes Future Surface Temperature Change, *Environ. Res. Commun.* DOI: 10.1088/2515-7620/ae6398.
3. Liao, L., Tett, S.F., Li, H., Li, Z., Jiao, B., **Li, Q.***, 2026. Distinct Oceanic Apparent Temperature Responses to Global Warming Driven by Near-Surface Wind Speed. *Ocean-Land-Atmosphere Research*. DOI: 10.34133/olar.0151.
4. Xie S., Wei S., Li Z., **Li Q.***, 2026, Recent Changes in Antarctic Surface Air Temperature Based on the Fusion of Satellite and In-situ Measurements, *Theor. Appl. Climatol.*, DOI: 10.1007/s00704-026-06130-0.
5. Zhang H., Lin J., Wei S., Li Z., **Li Q.***, 2025. Long-term spatiotemporal variation and multiscale drivers of extreme tropical cyclones in the South China Sea, *Environ. Res. Climate*. 5, 011001, <https://doi.org/10.1088/2752-5295/ae249c>

6. Jiao, B., Su, Y., Chao, L., Li, Z., **Li, Q.***, Wild., M., 2025. Reducing uncertainty in surface solar radiation projections over the Northern Hemisphere using a hierarchical emergent constraint: Insights from CMIP6 and observation reconstruction, *Atmos. Res.*, 108594, <https://doi.org/10.1016/j.atmosres.2025.108594>
7. Wei, S., **Li, Q.***, Xu, Q., Li, Z., Zhang, H., and Lin, J., 2025. Updates of C-LSAT 2.1 and the development of high-resolution LSAT and DTR datasets, *Earth Syst. Sci. Data*. 17, 4985–5005, <https://doi.org/10.5194/essd-17-4985-2025>.
8. Lin J., Zhang H., Wei S., Xu Q., Li Z., **Li Q.***, 2025, Outstanding performance of ERA5 reanalysis temperature in China since 1950s and quantification of its abnormal error in 1965-1966, *Quart. J. Roy. Meteor. Soc.*, e5042:1-21, DOI:10.1002/qj.5042
9. Xu, Q., Wei, S., Li, Z., **Li, Q.***, 2025, A New Evaluation of Observed Changes in Diurnal Temperature Range, *Geophysical Research Letters*, 52, e2024GL113406. DOI:10.1029/2024GL113406
10. Sheng, B., Dong, B., Wang, H., Zhang, M., Liu, Y., **Li, Q.***, 2025, Extremely Persistent Precipitation Events during April–June 2022 in the Southern China: Projected Changes at Different Global Warming Levels and Associated Physical Processes, *Climate Dynamics*. DOI: 10.1007/s00382-025-07644-5
11. Jiao, B.Y., Y. C. Su, **Q. X. Li***, 2025, Surface solar radiation, Observation, data, and long-term variation. *J. Meteor. Res.*, 39 (3): 783-800, doi: 10.1007/s13351-025-4902-y
12. 焦铂洋, 苏昱丞, 李庆祥*, 2025, 地表太阳辐射数据及长期变化, 气象学报, DOI: 10.11676 /qxzb2025. 20240120.
13. 李煦骞, 李庆祥*, 2025, 从地球能量收支估算角度理解全球变暖, 地球科学进展, 40 (1): 57–67. DOI: 10.11867/j. issn. 1001-8166. 2025. 006.
14. Wang, S., Gao, M., Wang, Z., Ding Y., Luo, J., Wu, Z., **Li, Q.**, Lu., X., Yang, Y., Yung, K. K. L., Zuo, B., McElroy, M. B., Li, Z., 2025, A revival of climate-projected hydropower potential at the Three Gorges hydropower station driven by migrated global warming hotspots, *Cell Reports Sustainability* , <https://doi.org/10.1016/j.crsus.2025.100586>
15. Li, X., **Li, Q.***, Wild, M., Jones, P. 2024, An Intensification of Surface Earth’s Energy Imbalance Since the Late 20th Century. *Commun. Earth & Environ.* 5, 644 (2024). DOI: 10.1038/s43247-024-01802-z.
16. Li, X., **Li, Q.***, Wild, M., Jones, P. 2024, Author Correction: An intensification of surface Earth’s energy imbalance since the late 20th century, *Commun. Earth & Environ.* 5, 798 (2024). DOI:10.1038/s43247-024-01979-3.
17. Jiao, B., Su, Y., Li, Z., Liao L., **Li Q.*** Wild M., 2024, An Effort to Distinguish the Effects of Cloud Cover and Aerosols on the Decadal Variations of Surface Solar Radiation, *Environ. Res. Lett.*, 19, 074012. DOI 10.1088/1748-9326/ad5371.

18. Sheng, B., Dong, B., Wang, H., Zhang, M., Lin, S., Si, P., Lott, F., and **Li, Q.*** 2024, Anthropogenic Influences on Extremely Persistent Seasonal Precipitation in Southern China during May–June 2022. *Bull. Amer. Meteor. Soc.*, 105 (2): E425-E431. doi: 10.1175/BAMS-D-23-0137.1
19. Si P., **Li Q.***, Chen X., Wang M., and Luo C., 2024, Construction of daily precipitation series and the observational characteristics of extreme precipitation in Tianjin, China during 1888 - 2022. *Adv. Clim. Change Res.* 15 (1) : 52-61. <https://doi.org/10.1016/j.accre.2024.02.002>
20. Guo, Z., Li, Chao*, **Li, Q.***, 2024, Detection and attribution for land surface air temperature Warming in China based on a perfect model selection analysis of optimal fingerprint strategy. *Theor. Appl. Climatol.*, <https://doi.org/10.1007/s00704-024-04966-y>
21. 李庆祥, 2024, 器测时期全球增暖趋势及其不确定性估计—基于 IPCC 科学评估的回顾与展望, *科学通报*, 69 (26): 3970-3983. <https://doi.org/10.1360/TB-2023-1104>.
22. Xia, C., Liu, C., Cai, Z., Wu, H., **Li, Q.**, Gao, M., 2024, Tracking SO₂ plumes from the Tonga volcano eruption with multi-satellite observations, *iScience*, doi: <https://doi.org/10.1016/j.isci.2024.109446>.
23. Li, Z, **Li, Q***, Chen, T., 2023, Record breaking high temperature outlook for 2023: An assessment from CMST, *Adv. Atmos. Sci.*, 2024, 41:369-376, doi: 10.1007/s00376-023-3200-9
24. Jiao, B., Su, Y, **Li, Q***, Manara V, Wild M., An integrated and homogenized global surface solar radiation dataset and its reconstruction based on a convolutional neural network approach, *Earth Syst. Sci. Data*, 2023, accepted.
25. Sheng B. Wang H., Li H., Wu K., **Li Q***. Thermodynamic and Dynamic effects of anomalous Dragon Boat water over South China in 2022, *Weather Clim. Extremes*. <https://doi.org/10.1016/j.wace.2023.100560>
26. Li Z., Sun W., Liang C., Xing X., **Li Q***. Arctic warming trends and their uncertainties based on surface temperature reconstruction under different sea ice extent scenarios. *Adv. Clim. Change Res.* <https://doi.org/10.1016/j.accre.2023.06.003>.
27. Li W., Chao L., Si P., Zhang H.*, **Li Q.***. Comparisons of the Urbanization Effect on Heat Stress Changes in Guangdong during Different Periods, *Remote Sens.* 2023, 15, 2750. <https://doi.org/10.3390/rs15112750>
28. Li, H.; Zhang, J.; Sheng, B.; Fan, Y.; Ji, X.; Li, Q. The GravityWave Activity during Two Recent QBO Disruptions Revealed by U.S. High-Resolution Radiosonde Data. *Remote Sens.* 2023, 15, 472. <https://doi.org/10.3390/rs15020472>
29. **Li, Q.**, Sheng, B., Huang, J. Li, C., Song, Z., Chao, L., Sun, W., Yang, Y., Jiao, B., Guo, Z., Liao, L., Li, X., Sun, C., Li, W., Huang, B., Dong, W., Jones, P. 2022, Different climate response persistence causes warming trend unevenness at continental scales.

Nat. Clim. Chang. 12, 343–349. <https://doi.org/10.1038/s41558-022-01313-9>

30. Yang Y., **Li Q.***, Song Z., Sun W., Dong W, 2022, A Comparison of Global Surface Temperature Variability, Extremes and Warming Trend using Reanalysis Data Sets and CMST-Interim, *International Journal of Climatology*, accepted. DOI:10.1002/joc.7551
31. Sun, W., Yang, Y., Chao, L., Dong, W., Huang, B., Jones, P., and **Li, Q.***, 2022, Description of the China global Merged Surface Temperature version 2.0, *Earth Syst. Sci. Data.*, 14, 1677-1693, <https://doi.org/10.5194/essd-14-1677-2022>. (IF=11.815)
32. Jiao B, **Li Q***, Sun W, and Wild M, 2022. Uncertainties in the global and continental surface solar radiation variations: inter-comparison of in-situ observations, reanalyses, and model simulations, *Climate Dynamics*, accepted. DOI: 10.1007/s00382-022-06222-3
33. Huang J, **Li Q***, Song Z., 2022, Historical Global Land Surface Air Apparent Temperature and its Future Changes Based on CMIP6 Projections, *Sci. Total. Environ.*, 816, 151656. <https://doi.org/10.1016/j.scitotenv.2021.151656> (IF=10.753)
34. Yang Y, Sun W, Zou M, Qiao S, **Li Q***, 2022, Multi-model Seasonal Prediction of Global Surface Temperature based on Partial Regression Correction Method, *Frontiers in Environmental Science*, accepted, DOI: 10.3389/fenvs.2022.1036006
35. Sun C; Chao L; Li H., Hu Z, Zheng H, **Li Q***, 2022, Modeling and Preliminary Analysis of the Impact of Meteorological Conditions on the COVID-19 Epidemic. *Int. J. Environ. Res. Public Health*, 19, 6125. <https://doi.org/10.3390/ijerph19106125>
36. Chao L., **Li Q.***, Dong W., Yang Y., Guo Z., Huang B., Zhou L, Jiang Z, Zhai P and P Jones, 2021, Vegetation Greening offsets Urbanization Induced Fast Warming in Guangdong, Hong Kong, and Macao region (GHMR), *Geophysical Research Letters*. DOI: 10.1029/2021GL095217
37. Si, P., **Li, Q.***, and Jones, P., 2021, Construction of homogenized daily surface air temperature for Tianjin city during 1887–2019, *Earth Syst. Sci. Data*, accepted. <https://doi.org/10.5194/essd-2020-343>.
38. Peng J, Duan L, Xu W, **Li Q***, 2021, Development and Assessment of the Monthly Grid Precipitation Datasets in China, *Frontiers in Environmental Science*, DOI: 10.3389/fenvs.2021.656794
39. Qian G, **Li Q***, Li C, Li H, Wang X, Dong W and P. Jones, 2021, A novel statistical decomposition of the historical change in global mean surface temperature, *Environmental Research Letters*, DOI: 10.1088/1748-9326/abea34.
40. Sun W, **Li Q***, Huang B, et al, 2021. The assessment of global surface temperature change from 1850s: the C-LSAT2.0 ensemble and the CMST-Interim datasets, *Adv. Atmos. Sci.*, DOI: 10.1007/s00376-021-1012-3
41. **Li Q**, Sun W, Yun X, Huang B, Dong W, Wang X, Zhai P and Phil Jones, 2021, An updated evaluation of the global mean Land Surface Air Temperature and Surface Temperature trends based on CLSAT and CMST, *Climate Dynamics*, 56:635-650, DOI: 10.1007/s00382-020-05502-0

42. **Li Q**, Sun W, Huang B, Dong W, Wang X, Zhai P and Phil Jones, 2020, Consistency of global warming trends strengthened since 1880s, *Science Bulletin*, <https://doi.org/10.1016/j.scib.2020.06.009>.
43. **Li Q**, Dong W and Jones P, 2020, Continental Scale Surface Air Temperature Variations: Experience Derived from the Chinese Region, *Earth-Science Reviews*, 200, 102998, DOI: <https://doi.org/10.1016/j.earscirev.2019.102998>
44. Chao L, Huang B, Yang Y, Jones P, Cheng J, Yang Y, **Li Q***, 2020, An assessment of the urbanization contribution to the warming in the Guangdong-Hong Kong-Macao Region (GHMR), *Geophysical Research Letters*, doi: 10.1029/2020GL089152.
45. Cheng J, **Li Q***, Chao L, Suman M, Huang B, Jones P, 2020, Development of a high-resolution and homogenized gridded land surface air temperature data: a case study over pan East Asia, *Frontiers in Environmental Science*, DOI: 10.3389/fenvs.2020.588570
46. **Li Q** and Yang Y, 2019, Comments on “Comparing the current and early 20th century warm periods in China” by Soon W., R. Connolly, M. Connolly et al. *Earth-Science Reviews*, 198, 102886, DOI: <https://doi.org/10.1016/j.earscirev.2019.102886>
47. Yun X, B Huang, J Cheng, W Xu, S Qiao and **Q Li***, 2019, A new merge of global surface temperature datasets since the start of the 20th Century, *Earth System Science Data*, 11, 1629–1643, DOI: <https://doi.org/10.5194/essd-11-1629-2019>
48. Xu W, **Q Li***, PD Jones, XL Wang, et al, 2018, A new integrated and homogenized global monthly land surface air temperature dataset for the period since 1900, *Clim. Dynamics*, 50, 7-8, 2513-2536, 10.1007/s00382-017-3755-1.
49. **Li Q.**, Zhang L, Xu W et al., 2017, Comparisons of time series of annual mean surface air temperature for China since the 1900s: Observation, Model simulation and extended reanalysis. *Bull. Amer. Meteor. Soc.*, 98(4):699–711, doi: 10.1175/BAMS-D-16-0092.1
50. Yang S, W Xu, Y Xu, **Q Li***, 2016, Development of a global historic monthly mean precipitation dataset. *J. Meteor. Res.*, 30(2), 217 – 231, doi: 10.1007/s13351-016-5112-4.
51. **Li Q. ***, Yang S., Xu W., Wang X L., P Jones, D Parker, L Zhou, Y Feng. 2015, China experiencing the recent warming Hiatus, *Geophys. Res Lett.*, 42(3) :889-898, DOI: 10.1002/2014GL062773
52. **Li Q***, Huang J., Jiang Z., Zhou L., Chu P. and Hu Kaixi, 2014, Detection of Urbanization signals in Extreme Winter Minimum Temperature changes over Northern China, *Climatic Change*, 122: 595–608, DOI: 10.1007/s10584-013-1013-z
53. **Li Q*** and Huang J, 2013, Effects of urbanization in surrounding Bohai area on extreme summer warmest night temperature, *Acta Meteo Sinic*, 27(6): 808-818, doi: 10.1007/s13351-013-0602-0.
54. Xu, W., **Q. Li***, X. L. Wang, S. Yang, L. Cao, and Y. Feng, 2013, Homogenization of Chinese daily surface air temperatures and analysis of trends in the extreme temperature indices, *J. Geophys. Res. Atmos.*, 118, doi:10.1002/jgrd.50791.
55. **Li Q. ***, Peng J. and Shen Y., 2012, Development of China homogenized monthly precipitation dataset during 1900–2009, *J Geogr Sci*, 22(4): 579-593 DOI:

10.1007/s11442-012-0948-8

56. Li Q.^{*}, Dong W., Li W., Gao X., P Jones, D Parker and J Kennedy, 2010, Assessment of the uncertainties in temperature change in China during the last century, *Chin. Sci. Bull.* 55, 19, 1974-1982, DOI: 10.1007/s11434-010-3209-1
57. Li Q.^{*}, Li W., Si P., Gao X., Dong W., Phil Jones, and Cao L., 2010, Assessment of surface air warming in northeast China, with emphasis on the impacts of urbanization, *Theor Appl Climatol*, DOI 10.1007/s00704-009-0155-4
58. Li Q.^{*}, Zhang H., Chen J., Li W., Liu X. and P. Jones, 2009, A mainland China Homogenized Historical Temperature Dataset of 1951-2004, *Bull. Amer. Meteor. Soc.*, doi: 10.1175/2009BAMS2736.1
59. Li Q.^{*} and Dong W., 2009, Detection and Adjustment of Undocumented Discontinuities in Chinese Temperature Series Using a Composite Approach, *Adv., Atmos., Sci.*, 26 (1) : 143-153, doi: 10.1007/s00376-009-0143-8
60. Li Q.^{*}, H. Zhang, X. Liu and J. Huang, 2004, Urban heat island effect on annual mean temperature during the last 50 years in China, *Theor Appl Climat*, 79(3-4): 260-268
61. Li Q.^{*}, Liu X, Zhang H, etc., 2004, Detecting and Adjusting Temporal Inhomogeneity in Chinese Mean Surface Air Temperature Data, *Adv., Atmos., Sci.*, 21 (2) : 165-174
62. Li, H.; Zhang, J.; Sheng, B.; Fan, Y.; Ji, X.; Li, Q. The GravityWave Activity during Two Recent QBO Disruptions Revealed by U.S. High-Resolution Radiosonde Data. *Remote Sens.* 2023, 15, 472. <https://doi.org/10.3390/rs15020472>
63. Yin G, Zhang Z, Zhu B, Li Q, Mao M, Xing W, Hu Z and Chen X, 2022, Characteristics and physical mechanisms of a rainstorm in Hotan, Xinjiang, China. *Front. Environ. Sci.* 10:1046882. doi: 10.3389/fenvs.2022.1046882
64. Zou M, Qiao S., Yang Y, Zhu X, Tang S, Yang J, Li Q, Feng G, Dong W, 2022, Predictability of the two temperature modes of the East Asian winter monsoon in the NCEP-CFSv2 and MRI-CPSv2 models, *Climate Dynamics*, DOI: 10.1007/s00382-022-06254-9
65. Gao M, Zhou Q, Yang X, Li Q, Zhang S, Yung K, Guo Y, 2021, Non-linear modulation of COVID-19 transmission by climate conditions, **Meteorological Applications**, DOI: 10.1002/met.1985
66. Qiao, S., Zou, M., Cheung, H., Liu, J., Zuo, J., Li, Q., Feng, G., and Dong, W., 2021, Contrasting Interannual prediction between January and February Temperature in Southern China in the NCEP Climate Forecast System, *J Climate*, 34 (7): 2791–2812, DOI: <https://doi.org/10.1175/JCLI-D-20-0568.1>
67. Hu Z, Li H, Liu J, Qiao S, Wang D, Frechet N, Tett S, Dong B, Lott F, Li Q, Dong W, 2021, Was the Extended Rainy Winter 2018/19 over the Middle and Lower Reaches of the Yangtze River Driven by Anthropogenic Forcing? **Bull. Amer. Meteor. Soc.** 102(1): S63–S67, DOI: <https://doi.org/10.1175/BAMS-D-20-0127.1>
68. Qiao S, Zou M, Tang S, Cheung H, Su H, Li Q, Feng G, and Dong W, 2021, The Enhancement of the Impact of the Wintertime North Atlantic Oscillation on the Subsequent Sea Surface Temperature over the Tropical Atlantic since the Middle 1990s, *J Climate*, 33(22): 9653–9672, DOI: 10.1175/JCLI-D-19-0934.1

69. Zou M, Qiao S, Chao L, Chen D, Hu C, **Li Q**, Feng G. 2020, Investigating the Interannual Variability of the Boreal Summer Water Vapor Source and Sink over the Tropical Eastern Indian Ocean-Western Pacific. *Atmosphere* , 2020, 11, 758. <https://doi.org/10.3390/atmos11070758>
70. Qiao S., Zou M., Cheung H.N. Zhou W, **Li Q**, Feng G and Dong W., 2020, Predictability of the wintertime 500 hPa geopotential height over Ural-Siberia in the NCEP climate forecast system. *Clim. Dynamics*, **54**, 1591–1606. <https://doi.org/10.1007/s00382-019-05074-8>
71. Yang Y, Zhang M, **Li Q**, Chen B, Gao Z. Ning G, Liu C, Li Y and Luo M, 2020, Modulations of surface thermal environment and agricultural activity on intraseasonal variations of summer diurnal temperature range in the Yangtze River Delta of China, *Sci. Total. Environ.*, <https://doi.org/10.1016/j.scitotenv.2020.139445>
72. 李庆祥, 2020, 用外部强迫因子对近百年陆地降水变化的统计建模试验, 科学通报, doi: 10.1360/TB-2020-0305
73. Yim S.H.L., Wang M.Y., Gu Y., Yang Y., Dong G.H., **Li Q**. 2019, Effect of Urbanization on Ozone and Resultant Health Effects in the Pearl River Delta Region of China. *Journal of Geophysical Research: Atmospheres*, DOI: 10.1029/2019JD030562
74. Yang Y, Zheng Z, Yim S, Roth M, Ren G, Gao Z, Wang T, **Li Q**, Shi C, Ning G, Li Y, 2019, PM 2.5 Pollution Modulates Wintertime Urban-Heat-Island Intensity in the Beijing-Tianjin-Hebei Megalopolis, China, *Geophysical Research Letters* , DOI: 10.1029/2019gl084288
75. Wang Y, Chan A, Lau G, **Li Q**, Yang Y, Yim S, 2019, Effects of urbanization and global climate change on regional climate in the Pearl River Delta and thermal comfort implications, *International Journal of Climatology*, 39(6) 2984-2997, DOI: 10.1002/joc.5996
76. 云翔, 李庆祥*, 程嘉艺, 2019, CMIP5 气候模式对亚洲升温幅度的模拟与预估, 气象
77. 崔妍, 徐文慧, 李庆祥, 等, 2019, 东北地区月气温序列的均一性检验和订正, 气象, 45 (2) : 240-250
78. Hu Z, Zhou Q, Chen X, Li J, **Li Q**, Chen D, Li W, Yin G, 2018, Evaluation of three global gridded precipitation data sets in central Asia based on rain gauge observations. *Int J Climatol.* 38:3475–3493. <https://doi.org/10.1002/joc.5510>
79. Xu C, J Wang and **Q Li**, 2018, A new method for temperatures spatial interpolation based on sparse historical stations, *J Climate*, 31(5): 1757-1770
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