

Curriculum Vitae of Prof. Dr. Dabang Jiang

Personal Information:

Citizenship: China

Born: 1974, Jilin Province, China

Affiliation: Institute of Atmospheric Physics (IAP), Chinese Academy of Sciences (CAS)

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Education:

2000.07/2003.05, Ph.D., IAP, CAS, Beijing, China

1997.09/2000.07, M.S., Department of Atmospheric Sciences, Lanzhou University, Gansu Province, China

1993.09/1997.07, B.S., Department of Atmospheric Sciences, Lanzhou University, Gansu Province, China

Employment History:

2010.01–present: Professor, IAP, CAS, Beijing, China

2007.03–2009.02: Postdoctoral Research Scientist, Max Planck Institute for Biogeochemistry, Jena, Germany

2006.11–2009.12: Associate Professor, IAP, CAS, Beijing, China

2003.06–2006.10: Assistant Professor, IAP, CAS, Beijing, China

2001.11–2002.02 and 2002.09–2002.12, Visiting Scholar, Nansen Environmental and Remote Sensing Center, Bergen, Norway

Graduate student Advisees:

Finished: 12 PhD students (Zhiping Tian, Ya Gao, Ke Liu, Qin Hu, Yue Sui, Xiangyu Li, Jiang

Jiang, Kaiqing Yang, Shangfeng Li, Baohuang Su, Yeyi Liu, Xiaoxin Wang) and 2 master students (Qin Hu and Shibo Yao)

Ongoing: 7 PhD students (Shanshan Liu, Na Wang, Xuecheng Zhou, Wei Chen, Beilei Wu, Zhaochen Liu, Shibo Yao) and 5 master students (Dan Hu, Ting Wang, Jiawen Shi, Yige Wang, Kaixi Wang)

Awards and Honors:

Zou Jingmeng Meteorological Science and Technology Talent Award by Chinese Meteorological Society, 2016

Second Prize of National Natural Science Award by the State Council of China, 2014

Liu Dongsheng Prize for Outstanding Young Scientist by Chinese Association for Quaternary Research, 2013

Ongoing projects:

National Natural Science Foundation of China (NSFC) for Distinguished Young Scholars, *Paleoclimate modelling* (2017-2021, 4 million RMB), coordinator

NSFC Key Project, *Attribution and projection of extreme climate in the mid- and high-latitudes of Asia* (2020-2024, 3.764 million RMB), coordinator

Ministry of Science and Technology of China (MOST) National Key Research and Development Program, *Dynamic mechanisms of Asian monsoon and drought changes through the Holocene* (2017-2022, 4.83 million RMB), coordinator

Chinese Academy of Sciences (CAS) Strategic Priority Research Program, *Simulation of westerly and monsoon changes in the past* (2018-2023, 9.19 million RMB), coordinator

Research Interests:

Paleoclimate modeling on various timescales through the Cenozoic

Climate changes and associated dynamics

Peer-reviewed SCI-indexed formal publications (*corresponding author):

- 1) **Jiang, D.**, D. Si, and X. Lang, Evaluation of East Asian summer climate prediction from the CESM large-ensemble initialized decadal prediction project. *Journal of Meteorological Research*, 2020, 34(2),

- 2) Tian, Z., and **D. Jiang**, Weakening and eastward shift of the tropical Pacific Walker circulation during the last glacial maximum, *Boreas*, 2020, 49, 200–210.
- 3) Wang, N., **D. Jiang***, and X. Lang*, Mechanisms for spatially inhomogeneous changes in East Asian summer monsoon precipitation during the mid-Holocene, *Journal of Climate*, 2020, 33(8), 2945–2965.
- 4) Huang, X., **D. Jiang**, X. Dong, S. Yang, B. Su, X. Li, Z. Tang, and Y. Wang, Northwestward migration of the northern edge of the East Asian summer monsoon during the mid-Pliocene warm period: Simulations and reconstructions, *Journal of Geophysical Research: Atmospheres*, 2019, 124(3), 1392–1404.
- 5) **Jiang, D.**, Y. Liu, and X. Lang, A multi-model analysis of glacier equilibrium line altitudes in western China during the last glacial maximum, *Science China Earth Sciences*, 2019, 62(8), 1241–1255.
- 6) Liu, S., **D. Jiang***, and X. Lang, Mid-Holocene drylands: A multi-model analysis using Paleoclimate Modelling Intercomparison Project Phase III (PMIP3) simulations, *The Holocene*, 2019, 29(9), 1425–1438.
- 7) Ramstein, G., Y. Godderis, Y. Donnadieu, P. Sepulchre, F. Fluteau, Z. Zhang, R. Zhang, B. Su, **D. Jiang**, M. Schuster, and J. Besse, Some illustrations of large tectonically driven climate changes in Earth history, *Tectonics*, 2019, 38(12), 4454–4464.
- 8) Wang, X., **D. Jiang***, and X. Lang, Extreme temperature and precipitation changes associated with four degree of global warming above pre-industrial levels, *International Journal of Climatology*, 2019, 39(4), 1822–1838.
- 9) Xu, B., Z. Gu, L. Wang, Q. Hao, H. Wang, G. Chu, Y. Lv, and **D. Jiang**, Global warming increases the incidence of haze days in China, *Journal of Geophysical Research: Atmospheres*, 2019, 124(12), 6180–6190.
- 10) Zhang, R., and **D. Jiang**, Modeling the Asian aridity during the early Cenozoic, *Acta Geologica Sinica (English Edition)*, 2019, 93(supp.1), 80–82.
- 11) Zhang, R., **D. Jiang**, and Z. Zhang, Vegetation and ocean feedbacks on the Asian climate response to the uplift of the Tibetan Plateau, *Journal of Geophysical Research: Atmospheres*, 2019, 124(12), 6327–6341.
- 12) Zhang, R., **D. Jiang**, Z. Zhang, Q. Yan, and X. Li, Modeling the late Pliocene global monsoon response to individual boundary conditions, *Climate Dynamics*, 2019, 53(7-8), 4871–4886.
- 13) Zhou, X., **D. Jiang***, and X. Lang, A multi-model analysis of ‘Little Ice Age’ climate over China, *The Holocene*, 2019, 29(4), 592–605.
- 14) Hu, Q., **D. Jiang***, X. Lang, Sources of moisture for different intensities of summer rainfall over the Chinese Loess Plateau during 1979–2009, *International Journal of Climatology*, 2018, 38(Suppl. 1), e1280–e1287.
- 15) Hu, Q., **D. Jiang***, X. Lang, and B. Xu, Moisture sources of the Chinese Loess Plateau during 1979–2009, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 2018, 509, 156–163.
- 16) **Jiang, D.**, Y. Sui, X. Lang, and Z. Tian, Last glacial maximum and mid-Holocene thermal growing season simulations, *Journal of Geophysical Research: Atmospheres*, 2018, 123(20), 11466–11478.
- 17) Li, X., **D. Jiang***, Z. Tian, and Y. Yang, Mid-Pliocene global land monsoon from PlioMIP1 simulations, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 2018, 512, 56–70.
- 18) Liu, S., **D. Jiang***, and X. Lang, A multi-model analysis of moisture changes during the last glacial maximum, *Quaternary Science Reviews*, 2018, 191, 363–377.

- 19) Liu, Y., and **D. Jiang***, Mid-Holocene frozen ground in China from PMIP3 simulations, *Boreas*, 2018, 47, 498–509.
- 20) Su, B., **D. Jiang***, R. Zhang, P. Sepulchre, and G. Ramstein, Difference between the North Atlantic and Pacific meridional overturning circulation in response to the uplift of the Tibetan Plateau, *Climate of the Past*, 2018, 14, 751–762.
- 21) Sui, Y., X. Lang, and **D. Jiang***, Projected signals in climate extremes over China associated with a 2 °C global warming under two RCP scenarios, *International Journal of Climatology*, 2018, 38(Suppl. 1), e678–e697.
- 22) Tian, Z., T. Li, and **D. Jiang**, Strengthening and westward shift of the tropical Pacific Walker circulation during the mid-Holocene: PMIP simulation results, *Journal of Climate*, 2018, 31(6), 2283–2298.
- 23) Tian, Z., **D. Jiang**, Strengthening of the East Asian winter monsoon during the mid-Holocene, *The Holocene*, 2018, 28(9), 1443–1451.
- 24) Wang, L., W. Jiang, **D. Jiang**, Y. Zou, Y. Liu, E. Zhang, Q. Hao, D. G. Zhang, D. T. Zhang, Z. Peng, B. Xu, X. Yang, and H. Lv, Prolonged heavy snowfall during the Younger Dryas, *Journal of Geophysical Research: Atmospheres*, 2018, 123(24), 13748–13762.
- 25) Wang, N., **D. Jiang***, and X. Lang, Northern westerlies during the last glacial maximum: Results from CMIP5 simulations, *Journal of Climate*, 2018, 31(3), 1135–1153.
- 26) Wang, N., **D. Jiang***, and X. Lang, Metric-dependent tendency of tropical belt width changes during the last glacial maximum, *Journal of Climate*, 2018, 31(20), 8527–8540.
- 27) Wang, X., **D. Jiang***, and X. Lang, Climate change of 4 °C global warming above pre-industrial levels, *Advances in Atmospheric Sciences*, 2018, 35(7), 757–770.
- 28) Xiao, J., S. Zhang, J. Fan, R. Wen, D. Zhai, Z. Tian, and **D. Jiang**, The 4.2 ka BP event: multi-proxy records from a closed lake in the northern margin of the East Asian summer monsoon, *Climate of the Past*, 2018, 14, 1417–1425.
- 29) Xu, B., L. Wang, Z. Gu, Q. Hao, H. Wang, G. Chu, **D. Jiang**, Q. Liu, and X. Qin, Decoupling of climatic drying and Asian dust export during the Holocene, *Journal of Geophysical Research: Atmospheres*, 2018, 123(2), 915–928.
- 30) Yu, E., R. Zhang, **D. Jiang**, G. Ramstein, Z. Zhang, and J. Sun, High-resolution simulation of Asian monsoon response to regional uplift of the Tibetan Plateau with regional climate model nested with global climate model, *Global and Planetary Change*, 2018, 169, 34–47.
- 31) Zhang, R., **D. Jiang**, G. Ramstein, Z. Zhang, P. C. Lippert, and E. Yu, Changes in Tibetan Plateau latitude as an important factor for understanding East Asian climate since the Eocene: A modeling study, *Earth and Planetary Science Letters*, 2018, 484, 295–308.
- 32) Zhang, R., **D. Jiang**, and Z. Zhang, Effects of the uplifts of the main and marginal Tibetan Plateau on the Asian climate under modern and ~30 Ma boundary conditions, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 2018, 510, 15–25.
- 33) Zhang, R., Z. Zhang, and **D. Jiang**, Global cooling contributed to the establishment of a modern-like East Asian monsoon climate by the early Miocene, *Geophysical Research Letters*, 2018, 45(21), 11941–11948.
- 34) Li, H., H. Wang, and **D. Jiang**, Influence of October Eurasian snow on winter temperature over Northeast

China, *Advances in Atmospheric Sciences*, 2017, 34(1), 116–126.

- 35) Shi, J., Q. Yan, H. Wang, **D. Jiang**, J. Min, and Y. Jiang, Investigating dynamic mechanisms for synchronous variation of East Asian and Australian summer monsoons over the last millennium, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 2017, 480, 70–79.
- 36) Tian, Z., T. Li, **D. Jiang**, and L. Chen, Causes of ENSO weakening during the mid-Holocene, *Journal of Climate*, 2017, 30(17), 7049–7070.
- 37) Wang, X., **D. Jiang***, and X. Lang, Future extreme climate changes linked to global warming intensity, *Science Bulletin*, 2017, 62(24), 1673–1680.
- 38) Yang, K., and **D. Jiang***, Interannual climate variability change during the medieval climate anomaly and little ice age in the PMIP3 last millennium simulations, *Advances in Atmospheric Sciences*, 2017, 34(4), 497–508.
- 39) Zhang, R., **D. Jiang**, Z. Zhang, Z. Cheng, and Q. Zhang, Comparison of the climate effects of surface uplifts from the northern Tibetan Plateau, the Tianshan, and the Mongolian Plateau on the East Asian climate, *Journal of Geophysical Research: Atmospheres*, 2017, 122(15), 7949–7970.
- 40) **Jiang, D.**, Y. Sui, and X. Lang, Timing and associated climate change of a 2 °C global warming, *International Journal of Climatology*, 2016, 36(14), 4512–4522.
- 41) **Jiang, D.**, Z. Tian, and X. Lang, Reliability of climate models for China through the IPCC third to fifth assessment reports, *International Journal of Climatology*, 2016, 36(3), 1114–1133.
- 42) Li, S., **D. Jiang**, Y. Lian, and Y. Yao, Interdecadal variations of cold air activities in Northeast China during springtime, *Journal of Meteorological Research*, 2016, 30(5), 645–661.
- 43) Liu, Y., and **D. Jiang***, Last glacial maximum permafrost in China from CMIP5 simulations, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 2016, 447, 12–21.
- 44) Liu, Y., and **D. Jiang***, Mid-Holocene permafrost: Results from CMIP5 simulations, *Journal of Geophysical Research: Atmospheres*, 2016, 121(1), 221–240.
- 45) Shi, J., Q. Yan*, **D. Jiang**, J. Min, and Y. Jiang, Precipitation variation over eastern China and arid central Asia during the past millennium and its possible mechanism: Perspectives from PMIP3 experiments, *Journal of Geophysical Research: Atmospheres*, 2016, 121(20), 11989–12004.
- 46) Tian, Z., and **D. Jiang**, Revisiting last glacial maximum climate over China and East Asian monsoon using PMIP3 simulations, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 2016, 453, 115–126.
- 47) Zhang, R., Z. Zhang, **D. Jiang**, Q. Yan, X. Zhou, and Z. Cheng, Strengthened African summer monsoon in the mid-Piacenzian, *Advances in Atmospheric Sciences*, 2016, 33, 1061–1070.
- 48) Gao, Y., H. Wang, and **D. Jiang**, An intercomparison of CMIP5 and CMIP3 models for interannual variability of summer precipitation in Pan-Asian monsoon region, *International Journal of Climatology*, 2015, 35, 3770–3780.
- 49) **Jiang, D.**, Z. Tian, X. Lang, M. Kageyama, and G. Ramstein, The concept of global monsoon applied to the last glacial maximum: A multi-model analysis, *Quaternary Science Reviews*, 2015, 126, 126–139.
- 50) **Jiang, D.**, Z. Tian, and X. Lang, Mid-Holocene global monsoon area and precipitation from PMIP simulations, *Climate Dynamics*, 2015, 44(9-10), 2493–2512.

- 51) **Jiang, D.**, G. Yu, P. Zhao, X. Chen, J. Liu, X. Liu, S. Wang, Z. Zhang, Y. Yu, Y. Li, L. Jin, Y. Xu, L. Ju, T. Zhou, and X. Yan, Paleoclimate modeling in China: A review, *Advances in Atmospheric Sciences*, 2015, 32(2), 250–275.
- 52) Li, X., **D. Jiang***, Z. Zhang, R. Zhang, Z. Tian, and Q. Yan, Mid-Pliocene westerlies from PlioMIP simulations, *Advances in Atmospheric Sciences*, 2015, 32(7), 909–923.
- 53) Sui, Y., X. Lang, and **D. Jiang***, Temperature and precipitation signals over China with a 2 °C global warming, *Climate Research*, 2015, 64(3), 227–242.
- 54) Yan, Q., Z. Zhang, H. Wang, and **D. Jiang**, Simulated warm periods of climate over China during the last two millennia: The Sui-Tang warm period versus the Song-Yuan warm period, *Journal of Geophysical Research: Atmospheres*, 2015, 120(6), 2229–2241.
- 55) Zhang, R., **D. Jiang**, and Z. Zhang, Causes of mid-Pliocene strengthened summer and weakened winter monsoons over East Asia, *Advances in Atmospheric Sciences*, 2015, 32(7), 1016–1026.
- 56) Zhang, R., **D. Jiang**, Z. Zhang, and E. Yu, The impact of regional uplift of the Tibetan Plateau on the Asian monsoon climate, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 2015, 417, 137–150.
- 57) Sui, Y., X. Lang, and **D. Jiang***, Time of emergence of climate signals over China under the RCP4.5 scenario, *Climatic Change*, 2014, 125, 265–276.
- 58) Zhang, R., and **D. Jiang**, Impact of vegetation feedback on the mid-Pliocene warm climate, *Advances in Atmospheric Sciences*, 2014, 31(6), 1407–1416.
- 59) **Jiang, D.**, Z. Tian, and X. Lang, Mid-Holocene net precipitation changes over China: Model–data comparison, *Quaternary Science Reviews*, 2013, 82, 104–120.
- 60) **Jiang, D.**, X. Lang, Z. Tian, and L. Ju, Mid-Holocene East Asian summer monsoon strengthening: Insights from Paleoclimate Modeling Intercomparison Project (PMIP) simulations, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 2013, 369, 422–429.
- 61) **Jiang, D.**, and Z. Tian, East Asian monsoon change for the 21st century: Results of CMIP3 and CMIP5 models, *Chinese Science Bulletin*, 2013, 58(12), 1427–1435.
- 62) Lu, H., S. Yi, Z. Liu, J. A. Mason, **D. Jiang**, J. Cheng, T. Stevens, Z. Xu, E. Zhang, L. Jin, Z. Zhang, Z. Guo, Y. Wang, and B. Otto-Bliesner, Variation of East Asian monsoon precipitation during the past 21 k.y. and potential CO₂ forcing, *Geology*, 2013, 41(9), 1023–1026.
- 63) Sui, Y., **D. Jiang**, and Z. Tian, Latest update of the climatology and changes in the seasonal distribution of precipitation over China, *Theoretical and Applied Climatology*, 2013, 113, 599–610.
- 64) Tian, Z., and **D. Jiang**, Mid-Holocene ocean and vegetation feedbacks over East Asia, *Climate of the Past*, 2013, 9, 2153–2171.
- 65) Zhang, R., Q. Yan, Z. S. Zhang, **D. Jiang**, B. L. Otto-Bliesner, A. M. Haywood, D. J. Hill, A. M. Dolan, C. Stepanek, G. Lohmann, C. Contoux, F. Bragg, W.-L. Chan, M. A. Chandler, A. Jost, Y. Kamae, A. Abe-Ouchi, G. Ramstein, N. A. Rosenbloom, L. Sohl, and H. Ueda, Mid-Pliocene East Asian monsoon climate simulated in the PlioMIP, *Climate of the Past*, 2013, 9, 2085–2099.
- 66) **Jiang, D.**, X. Lang, Z. Tian, and T. Wang, Considerable model–data mismatch in temperature over China during the mid-Holocene: Results of PMIP simulations, *Journal of Climate*, 2012, 25(12), 4135–4153.

- 67) Wang, H. J., J. Q. Sun, H. P. Chen, Y. L. Zhu, Y. Zhang, **D. Jiang**, X. Lang, K. Fan, E. T. Yu, and S. Yang, Extreme climate in China: Facts, simulation and projection, *Meteorologische Zeitschrift*, 2012, 21(3), 279–304.
- 68) Zhang, R., **D. Jiang**, X. Liu, and Z. Tian, Modeling the climate effects of different subregional uplifts within the Himalaya-Tibetan Plateau on Asian summer monsoon evolution, *Chinese Science Bulletin*, 2012, 57(35), 4617–4626.
- 69) **Jiang, D.**, Y. Zhang, and X. Lang, Vegetation feedback under future global warming, *Theoretical and Applied Climatology*, 2011, 106, 211–227.
- 70) **Jiang, D.**, X. Lang, Z. Tian, and D. Guo, Last glacial maximum climate over China from PMIP simulations, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 2011, 309(3–4), 347–357.
- 71) Yan, Q., Z. S. Zhang, H. J. Wang, **D. Jiang**, and W. P. Zheng, Simulation of sea surface temperature changes in the middle Pliocene warm period and comparison with reconstructions, *Chinese Science Bulletin*, 2011, 56(9), 890–899.
- 72) Yue, X., H. J. Wang, H. Liao, and **D. Jiang**, Simulation of the direct radiative effect of mineral dust aerosol on the climate at the last glacial maximum, *Journal of Climate*, 2011, 24, 843–858.
- 73) Wang, T., H. J. Wang, and **D. Jiang**, Mid-Holocene East Asian summer climate as simulated by the PMIP2 models, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 2010, 288, 93–102.
- 74) **Jiang, D.**, and X. Lang, Last Glacial Maximum East Asian monsoon: Results of PMIP simulations, *Journal of Climate*, 2010, 23(18), 5030–5038.
- 75) **Jiang, D.**, Y. Zhang, and J. Sun, Ensemble projection of 1–3°C warming in China, *Chinese Science Bulletin*, 2009, 54(18), 3326–3334.
- 76) **Jiang, D.**, Vegetation and soil feedbacks at the Last Glacial Maximum, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 2008, 268, 39–46.
- 77) **Jiang, D.**, Z. L. Ding, H. Drange, and Y. Gao, Sensitivity of East Asian climate to the progressive uplift and expansion of the Tibetan Plateau under the mid-Pliocene boundary conditions, *Advances in Atmospheric Sciences*, 2008, 25(5), 709–722.
- 78) **Jiang, D.**, Projected potential vegetation change in China under global warming scenarios, *Advances in Atmospheric Sciences*, 2008, 25(1), 126–138.
- 79) Wang, H. J., J. Han, Q. Zhang, J. Sun, and **D. Jiang**, Brief review of some CLIVAR-related studies in China, *Advances in Atmospheric Sciences*, 2007, 24(6), 1037–1048.
- 80) Ju, L., H. J. Wang, and **D. Jiang**, Simulation of the Last Glacial Maximum climate over East Asia with a regional climate model nested in a general circulation model, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 2007, 248, 376–390.
- 81) Zhang, Z. S., H. J. Wang, Z. T. Guo, and **D. Jiang**, Impacts of tectonic changes on the reorganization of the Cenozoic climate patterns in China, *Earth and Planetary Science Letters*, 2007, 257, 622–634.
- 82) Zhang, Z., H. J. Wang, Z. T. Guo, and **D. Jiang**, What triggers the transition of palaeoenvironmental patterns in China, the Tibetan Plateau uplift or the Paratethys Sea retreat?, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 2007, 245, 317–331.

- 83) **Jiang, D.**, and Z. Zhang, Paleoclimate modelling at the Institute of Atmospheric Physics, Chinese Academy of Sciences, *Advances in Atmospheric Sciences*, 2006, 23(6), 1040–1049.
- 84) Jin, L., H. J. Wang, F. H. Chen, and **D. Jiang**, A possible impact of cooling over the Tibetan Plateau on the mid-Holocene East Asian monsoon climate, *Advances in Atmospheric Sciences*, 2006, 23(4), 543–550.
- 85) Zhang, Z., H. J. Wang, Z. T. Guo, and **D. Jiang**, Impact of topography and sea-land distribution on East Asian paleoenvironmental patterns, *Advances in Atmospheric Sciences*, 2006, 23(2), 258–266.
- 86) **Jiang, D.**, and H. J. Wang, Natural interdecadal weakening of East Asian summer monsoon during the late 20th century, *Chinese Science Bulletin*, 2005, 50(17), 1923–1929.
- 87) **Jiang, D.**, H. J. Wang, Z. L. Ding, X. Lang, and H. Drange, Modeling the middle Pliocene climate with a global atmospheric general circulation model, *Journal of Geophysical Research*, 2005, 110, D14107, doi: 10.1029/2004JD005639.
- 88) **Jiang, D.**, H. J. Wang, and X. Lang, Evaluation of East Asian climatology as simulated by seven coupled models, *Advances in Atmospheric Sciences*, 2005, 22(4), 479–495.
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- 90) Otterå O. H., H. Drange, M. Bentsen, N. G. Kvamstø and **D. Jiang**, Transient response of the Atlantic meridional overturning circulation to enhanced freshwater input to the Nordic Seas-Arctic Ocean in the Bergen Climate Model, *Tellus*, 2004, 56A, 342–361.
- 91) **Jiang, D.**, H. J. Wang, and X. Lang, East Asian climate change trend under global warming background, *Chinese Journal of Geophysics*, 2004, 47(4), 675–681.
- 92) **Jiang, D.**, H. J. Wang, and X. Lang, Multimodel ensemble prediction for climate change trend of China under SRES A2 scenario, *Chinese Journal of Geophysics*, 2004, 47(5), 878–886.
- 93) **Jiang, D.**, H. J. Wang, H. Drange, and X. Lang, Instability of the East Asian summer monsoon-ENSO relationship in a coupled global atmosphere-ocean GCM, *Chinese Journal of Geophysics*, 2004, 47(6), 1098–1103.
- 94) Lang, X., H. J. Wang, and **D. Jiang**, Extraseasonal ensemble numerical predictions of winter climate over China, *Chinese Science Bulletin*, 2003, 48(19), 2121–2125.
- 95) Xue, F., **D. Jiang**, X. Lang, and H. J. Wang, Influence of Mascarene high and Australian high on summer monsoon in East Asia: Ensemble simulation, *Advances in Atmospheric Sciences*, 2003, 20(5), 799–809.
- 96) Otterå O. H., H. Drange, M. Bentsen, N. G. Kvamstø and **D. Jiang**, The sensitivity of the present-day Atlantic meridional overturning circulation to freshwater forcing, *Geophysical Research Letters*, 2003, 30(17), 1898, doi:10.1029/2003GL017578.
- 97) **Jiang, D.**, H. J. Wang, H. Drange, and X. Lang, Last Glacial Maximum over China: Sensitivities of climate to paleovegetation and Tibetan ice sheet, *Journal of Geophysical Research*, 2003, 108(D3), 4102, doi: 10.1029/2002JD002167.