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EDUCATION

B.S. 1965 Mechanical Engineering, National Cheng Kung University, Tainan, Taiwan
M.S. 1970 Mechanical Engineering, SUNY at Buffalo, Buffalo, NY
D. Eng. Sc. 1973 Mechanical Engineering, Columbia University, New York, NY
Dissertation: The radiative effect of aerosols in Earth's atmosphere, 1974, J. Applied Meteor., 13, 521-534.

EMPLOYMENT

1991- Professor of Applied Sciences, SUNY at Albany, Albany, NY 12222
1989-91 Senior Research Associate, Atmospheric Sciences Research Center, SUNY at Albany, 251 Fuller Road, Albany, NY 12203
1986-89 Vice President for Research, Atmospheric and Environmental Research, Inc. 840 Memorial Drive, Cambridge, MA 02139
1980-89 Manager, Climate Program, Atmospheric and Environmental Research, Inc. 840 Memorial Drive, Cambridge, MA 02139
1975-80 Senior Research Scientist - Sigma Data, Inc., Goddard Institute for Space Studies, National Aeronautics and Space Administration, 2880 Broadway, New York, NY 10025
1973-75 National Academy of Sciences - National Research Council Postdoctoral Research Associate, Goddard Institute for Space Studies, National Aeronautics and Space Administration, 2880 Broadway, New York, NY 10025

HONORS AND AWARDS

2008 Member, Norwegian Academy of Science and Letters.
2002 Award for Scientific Achievements in Environmental Physics, European Physical Society/Balkan Physical Union
1999 Appreciation Plaque, Office of Science, Department of Energy
1994 University at Albany Award for Excellence in Research
1987 Certificate of Appreciation, Office of Energy Research, Department of Energy

TEACHING EXPERIENCE

Graduate Courses: "Climate Modeling" and "Atmospheric Radiation" at the Department of Atmospheric and Earth Sciences, State University of New York at Albany.

Graduate Students with Degree:

1. Gong, Wei, 1992: A diagnostic study of general circulation model simulated changes in hydrological components due to the greenhouse effects. Ph. D., Dept. of Geophysics, Peking University.
2. Ding, Ming, 1992: Radiative forcing due to stratospheric ozone depletion. M.S., Dept. of Atmospheric Sciences, SUNY at Albany.
3. Zhuang, Yicheng., 1993: Radiative forcing due to changes in tropospheric ozone. M.S., Dept. of Atmospheric Sciences, SUNY at Albany.

4. Zhong, Min, 1994: The greenhouse effect of the present Earth-atmosphere climate system. M.S., Dept. of Atmospheric Sciences, SUNY at Albany.
5. Zhang, Yi., 1995: Extratropical cyclone-scale eddies simulated from a climate model. Ph. D., Department of Atmospheric Sciences, SUNY at Albany.
6. Fox, Sarah, 1995: Biological processes and the land surface: Influences on global climate change. M.S., Dept. of Biological Sciences, SUNY at Albany.
7. Tu, Peihua, 1996: Interannual climate variability in Taiwan: An analysis of observational data. M.S., Dept. of Atmospheric Sciences, SUNY at Albany.
8. Ding, Ming, 1997: Evaluation of GCM shortwave radiation parameterization for gases, aerosols, and clouds. Ph. D., Dept. Earth and Atmospheric Sciences, SUNY at Albany.
9. Joseph, Everette, 1997: Development and application of an interactive cirrus cloud radiative parameterization for GCMs. Ph. D., Dept. of Physics, SUNY at Albany.
10. Wei, Helin, 1997: Regional climate model and its use for studying climate over east Asia. Ph. D., Institute of Atmospheric Physics, Chinese Academy of Sciences.
11. Lee, Hoching, 1997: China's Participation in the United Nations Framework Convention on Climate Change. Ph. D., Dept. of Political Sciences, SUNY at Albany.
12. Notaro, Michael, 1998: Interannual and decadal climate variability in cold surge frequency: A synoptic-climatology perspective. M.S., Dept. of Earth and Atmospheric Sciences, SUNY at Albany.
13. Mao, Huiting, 1999: Climate-chemistry interaction affecting tropospheric ozone. Ph. D., Dept. of Earth and Atmospheric Sciences, SUNY at Albany.
14. Zhu, Li, 2000: An analysis of observation and GCM simulations of seasonal cycle of monsoon climate in southeast Asia and Tibet Plateau. Ph. D., Dept. of Physics, SUNY at Albany.
15. Wasula, Thomas, 2000: A quantitative method of defining the Mei-Yu rain belt onset in Southeast China and its association with large-scale and synoptic features. M.S., Dept. of Earth and Atmospheric Sciences, SUNY at Albany.
16. Cox, Stephen, 2000: Modeling the direct and indirect effects of tropospheric sulfate aerosols. Ph. D., Dept. of Earth and Atmospheric Sciences, SUNY at Albany.
17. Wang, Jing, 2000: Potential effect on stratospheric temperature and radiative forcing of ozone and water vapor perturbation. M.S., Dept. of Earth and Atmospheric Sciences, SUNY at Albany.
18. Notaro, M., 2002: Model and observational analysis of the Northeast's regional winter climate and its relationship to the PNA Patterns. Ph. D., Department of Earth and Atmospheric Sciences, SUNY at Albany.
19. Cheng, Chao-Tzuen, 2002: A regional climate model study of cloud radiative forcing and its role in the 1991 East Asian summer monsoon. Ph. D., Department of Earth and Atmospheric Sciences, SUNY at Albany.
20. Zeng, Gang, 2008: Numerical study of the effects SSTA on inter-decadal variation of East Asian summer monsoon. Ph. D., Dept. of Atmospheric Sciences, Nanjing University of Information Sciences & Technology (formerly Nanjing Institute of Meteorology).
21. Zhang, Xuezheng, 2009: Land cover change due to agriculture development over the Northeast China since mid-17th century and its implications to climate. Ph D., Beijing Normal University.
22. Peng, Youbing, 2009: Modeling studies on the impacts of external and internal factors of the climate system on climate changes during last millennium. Ph D., Lanzhou University.
23. Tanaka, Hirohisa, 2009: Climatic effects of tropospheric ozone. M.S., Dept. of Atmospheric and Environmental Sciences, SUNY at Albany.
24. Chen, Yimin, 2009: The effect of climate-chemistry interaction on sulfate: A global model study. M.S., Dept. of Atmospheric and Environmental Sciences, SUNY at Albany.

PUBLICATIONS

Wang has more than 160 publications in over 30-refereed journals (including *Nature* and *Science*).

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| 1974 | <ol style="list-style-type: none"> 1. Wang, W.-C., and G.A. Domoto, 1974: Radiative transfer in homogeneous nongray gasses with nonisotropic particle scattering. <u>J. Heat Transfer</u>, August, 385-390. 2. Wang, W.-C., and G.A. Domoto, 1974: The radiative effect of aerosols in Earth's atmosphere. <u>J. Appl. Meteor.</u>, <u>13</u>, 521-534. |
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- 1976 3. Wang, W.-C., 1976: A parameterization for the absorption of solar radiation by water vapor in Earth's atmosphere. *J. Appl. Meteor.* **15**, 21-27.
4. Wang, W.-C., Y.L. Yung, A.A. Lacis, T. Mo, and J.E. Hansen, 1976: Greenhouse effects due to man-made perturbations of trace gases. *Science*, **194**, 685-690.
5. Yung, Y.L., W.-C. Wang, and A.A. Lacis, 1976: Greenhouse effect due to atmospheric nitrous oxide. *Geophys. Res. Lett.*, **3**, 319-621.
- 1978 6. Hansen, J.E., W.-C. Wang, and A.A. Lacis, 1978: Mount Agung eruption provides test of a global climatic perturbation. *Science*, **199**, 1065-1068.
- 1980 7. Hansen, J.E., A.A. Lacis, P. Lee, and W.-C. Wang, 1980: Climatic effect of atmospheric aerosol. Aerosols: Anthropogenic and natural sources and transport. *Ann. N.Y. Acad. Sci.*, **338**, 575-587.
8. Wang, W.-C., J.P. Pinto, and Y.L. Yung, 1980: Climatic effects due to halogenated compounds in the Earth's atmosphere. *J. Atmos. Sci.*, **37**, 333-338.
9. Wang, W.-C., and P.H. Stone, 1980: Effect of ice-albedo feedback on global sensitivity in a one-dimensional radiative-convective model. *J. Atmos. Sci.*, **37**, 545-552.
10. Wang, W.-C., and N.D. Sze, 1980: Coupled effects of atmospheric N₂O and O₃ on the Earth's climate. *Nature*, **286**, 589-590.
- 1981 11. Wang, W.-C., W.B. Rossow, M.S. Yao, and M. Wolfson, 1981: Climate sensitivity of a one-dimensional radiative convective model with cloud feedback. *J. Atmos. Sci.*, **38**, 1167-1178.
- 1982 12. Wang, W.-C., 1982: Ozone change: Climatological effects. In *Man and Stratospheric Ozone*, F.A. Bower and R.B. Ward (eds.), Volume II, CRC Press, 123-135.
- 1983 13. Wang, W.-C., and P.B. Ryan, 1983: Overlapping effect of atmospheric H₂O, CO₂, and O₃ on the CO₂ radiative effect. *Tellus*, **35B**, 81-91.
14. Wang, W.-C., 1983: An analytical expression for the total band absorption of infrared-radiating gases. *J. Quant. Spectros. Radiat. Transfer*, **29**, 279-281.
15. Wang, W.-C., 1983: Climatic effects due to man-made perturbations of atmospheric trace gases. *Scientia Atmospherica Sinica*, **7**, 210-222 (in Chinese).
16. Hameed, S., W.M. Yeh, M.T. Li, R.D. Cess, and W.-C. Wang, 1983: An analysis of periodicities in the 1470 to 1974 Beijing precipitation record. *Geophys. Res. Lett.*, **10**, 436-439.
- 1984 17. Molnar, G., and W.-C. Wang, 1984: Dynamical heat flux feedbacks and global climate stability. *Ann. Int. Glaciological Soc.*, **5**, 106-110.
18. Wang, W.-C., G. Molnar, T.P. Mitchell, and P.H. Stone, 1984: Effects of dynamical heat flux on model climate sensitivity. *J. Geophys. Res.*, **89**, 4699-4711.
- 1985 19. Gutowski, W.J., W.-C. Wang, and P.H. Stone, 1985: Effects of dynamical heat fluxes on model climate sensitivity: meridional sensible and latent heat fluxes. *J. Geophys. Res.*, **90**, 13081-13086.
20. Wang, W.-C., and G. Molnar, 1985: A model study of the greenhouse effects due to increasing atmospheric CH₄, N₂O, CF₂Cl₂, and CFC₁₃. *J. Geophys. Res.*, **90**, 12971-12980.
- 1986 21. Wang, W.-C., D. Wuebbles, W.M. Washington, R. Isaacs, and G. Molnar, 1986: Trace gases and other potential perturbations of global climate. *Rev. Geophys.*, **24**, 110-140.
22. Shi, G.-Y., W.-C. Wang, M.K.W. Ko, and M. Tanaka, 1986: Radiative heating due to stratospheric aerosols over Antarctica. *Geophys. Res. Lett.*, **13**, 1335-1338.
- 1987 23. Isaacs, R.G., W.-C. Wang, R.D. Worsham, and S. Goldenberg, 1987: Multiple scattering LOWTRAN and FASCODE models. *Appl. Opt.*, **26**, 1272-1281.
24. Ronberg, B., and W.-C. Wang, 1987: Climate patterns derived from Chinese proxy precipitation records: An evaluation of the station networks and statistical techniques. *J. Climatology*, **7**, 215-229.
- 1988 25. Wang, W.-C., N.D. Sze, G. Molnar, M.K.W. Ko, and S. Goldenberg, 1988: Ozone-climate interactions associated with increasing atmospheric trace gases. *Tropospheric Ozone: Regional and Global Scale Interactions*, I.S.A. Isaksen (ed.) D. Reidel Publ. Co., 147-159.
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- 1989 28. Schneider, H., M.K.W. Ko, N.D. Sze, G-Y. Shi, and W.-C. Wang, 1989: An evaluation of the role of eddy diffusion in Stratospheric interactive 2-D models. J. Atmos. Sci., 46, 2079-2093.
29. Wang, W.-C., 1989: Review of "The Climate of China" by Domros and Peng. Bull. Amer. Meteor. Soc., 70, 794-795.
- 1990 30. Wang, W.-C., G. Molnar, M.K.W. Ko, S. Goldenberg and N.D. Sze, 1990: Atmospheric trace gases and global climate: A seasonal model study. Tellus, 42B, 149-161.
31. Fisher, D.A., C.H. Hales, W.-C. Wang, M.K.W. Ko, and N.D. Sze, 1990: Relative effects on global warming of halogenated methanes and ethanes of social and industrial interest. Nature , 344, 513-516.
32. Jones, P. D., P. Y. Groisman, M. Coughlan, N. Plummer, W.-C. Wang and T. R. Karl, 1990: Assessment of urbanization effects in time series of surface air temperature over land. Nature, 347, 169-172.
33. Mohnen, A. V., W. Goldstein, and W.-C. Wang, 1990: The scientific challenge of measuring climate change: Global warming and its energy implications. Energy Policy, September, 641-651.
34. Wang, W.-C. and K. Li, 1990: Precipitation fluctuation over semiarid region in northern China and the relationship with El-Nino/Southern Oscillation. J. Climate, 3, 769-783.
35. Karl, T.R., W.-C. Wang, M.E. Schlesinger, R.W. Knight, and D. Portman, 1990: A method of relating general circulation model simulated local climate to the observed climate. Part I. Central tendencies and dispersion. J. Climate, 3, 1053-1079.
36. Wang, W.-C., Z. Zeng, and T. R. Karl, 1990: Urban heat islands in China. Geophys. Res. Lett., 17, 2377-2380.
37. Li, Kerang and W.-C. Wang, 1990: Climatic features of arid and semiarid region in China. Chinese J. Arid Land Research, 3, 207-217.
38. Li, K., X. Lin and W.-C. Wang, 1990: The long range variational trend of temperature in China from 1951 to 1988. Geographical Res. 9, 26-36. (in Chinese with English subtitle); also in The Journal Chinese Geography, 1992, 3, 82-96. (in English)
- 1991 39. Mohnen, V. A., W. Goldstein, and W.-C. Wang, 1991: The conflict over global warming: The application of scientific research to policy choices. J. Global Environ. Change, 1, 109-123.
40. Gutowski, W.J., D.S. Gutzler, and W.-C. Wang, 1991: Surface energy balances of three general circulation models: Implications for simulating regional climate change. J. Climate, 4, 121-134..
41. Wang, W.-C., M. P. Dudek, X. Liang, and J. T. Kiehl, 1991: Inadequacy of effective CO₂ as a proxy in simulating the greenhouse effect of other radiatively active gases. Nature, 350, 573-577.
42. Wang, W.-C., G.-Y. Shi, and J.T. Kiehl, 1991: Incorporation of the thermal radiative effect of CH₄, N₂O, CFCl₃, and CF₂Cl₂ into the NCAR community climate model. J. Geophys. Res., 96, 9097-9103.
- 1992 43. Wang, W.-C., 1992: Climatic effects due to increasing atmospheric trace gases and their induced ozone changes. in Ozone Depletion: Implications for the tropics, (Ed.) M. Ilyas, University of Science Malaysia, Penang, pp. 292-301.
44. Zhang, P.-Y, W.-C. Wang, and S. Hameed, 1992: Evidence for anomalous cold weather in China 1815-1817. in The Year Without a Summer? World Climate in 1816 (Ed.) C. R. Harington, National Museum of Natural Sciences, Canada, pp. 436-447.
45. Wang, W.-C., D. Portman, G. Gong, P. Zhang and T. Karl, 1992: Beijing summer temperatures since 1724, in Climate Since A.D. 1500 (Eds.) R. Bradley and P. Jones, Routledge London, pp. 210-223.
46. Portman, D. A., W.-C. Wang, and T. R. Karl, 1992: Comparison of general circulation model and observed regional climates: Daily and seasonal variability. J. Climate, 5, 343-353.
47. Riches, M. R., Zhao J., W.-C. Wang, and Tao, S., 1992: The United States' Department of Energy and the People's Republic of China's Academy of Sciences joint research on the greenhouse effect: 1985-1990 research progress. Bull. Amer. Meteor. Soc. 73, 585-594.

48. Molnar, G. and W.-C. Wang, 1992: Effects of cloud optical property feedbacks on the greenhouse warming. J. Climate, 5, 814-821.
49. Mohnen, V. A. and W. -C. Wang, 1992: An overview of global warming. Environ. Toxicology and Chemistry, 11, 1051-1059.
50. Wang, W.-C., M. P. Dudek, and X. Liang, 1992: Inadequacy of effective CO₂ as a proxy to assess the greenhouse effect of other radiatively active gases. Geophys. Res. Lett., 19, 1375-1378.
51. Wang, W.-C., J. London, I. Isaksen, K., Shine, R. Ellingson, and F. Taylor, 1992: Summary report of the IUGG-IAMAP workshop MW5: Climatic effects of atmospheric trace constituents, Vienna, 19-20 August 1991. Bull. Amer. Meteor. Soc. 73, 801-804.
52. Wang, W.-C. and Y. Zhang, 1992: Comparison of surface air temperature in China between general circulation model simulations and observations. J. Chinese Geography, 3, 58-82.
53. Zhang, Y. and W.-C. Wang, 1992: Air temperature field near the ground in mid-Holocene in China. (Eds.) Y. Zhang and P.-Y. Zhang, Meteorological Publ., Beijing, pp. 57-73. (in Chinese with English abstract.)
54. Zhang, Y. and W.-C. Wang, 1992: The potential change of surface air temperature under the condition of global warming induced by CO₂ doubling. (Eds.) Y. Zhang and P.-Y. Zhang, Meteorological Publ., Beijing, pp. 228-237. (in Chinese with English abstract.)
55. Wang, W.-C. and Y. Zhang, 1992: The potential change of precipitation of China under the condition of global warming induced by CO₂ doubling. (Eds.) Y. Zhang and P.-Y. Zhang, Meteorological Publ., Beijing, pp. 238-246. (in Chinese with English abstract.)
- 1993 56. W.-C. Wang and Q. Ge, 1993: Greenhouse effect's impact on China's social and economic development. Science and Technology Review, No. 57, 59-63. (in Chinese)
57. Li, W., W. Cong, and W.-C. Wang, 1993: The formation and the development of CAMS two-dimensional dynamical-physical climate model. Acta Met. Sinica, 7, 129-146.
58. Wang, W.-C., Q.-Y. Zhang, D. Easterling and T. Karl, 1993: Beijing cloudiness since 1875. J. Climate, 6, 1921-1927.
59. Ko, M. K. W., N. D. Sze, W.-C. Wang, G., Shia, A. Goldman, F. J. Murcray, D. G. Murcray, and C. P. Rinsland, 1993: Atmospheric sulfur hexafluoride: Sources, sinks and greenhouse warming. J. Geophys. Res., 98, 10499-10507.
60. Wang, W.-C., Y. Zhuang, and R. Bojkov, 1993: Climate implications of observed changes in ozone vertical distributions at middle and high latitudes of the Northern Hemisphere. Geophys. Res. Lett., 20, 1567-1570.
61. Mohnen, V. A., W. Goldstein, and W.-C. Wang, 1993: Tropospheric ozone and climate change. J. Air & Waste Management Association, 43, 2-14.
62. Cess, R. D. (with 29 authors), 1993: Uncertainties in carbon dioxide radiative forcing in atmospheric general circulation models. Science, 262, 1252-1255.
63. Bradley, R. S., D. Sheu, and W.-C. Wang, 1993: High resolution paleoclimatic records from monsoon Asia. EOS, 74, 601-604.
- 1994 64. Wang, W.-C., X.-Z. Liang, and M. P. Dudek, 1994: Effect of global warming on the regional climate in China. 19-29. In Climate-Biosphere Interactions: Biogenic Emissions and Environmental Effects of Climate Change. (Ed.) Richard G. Zepp, John Wiley & Sons, Wiley-Interscience.
65. Wang, S.-W. and W.-C. Wang, 1994: Application of historical documentary records in reconstruction of the Paleo-climate series in China. Terrestrial, Atmospheric and Oceanic Sciences, 5, 373-381, Taiwan.
66. Wang, W.-C. and I. S. A. Isaksen, 1994: A report on workshops: GCM study of climate-chemistry interaction. Bull. Amer. Meteor. Soc., 75, 1671-1675.
67. Gong, W., X. Zhou, and W.-C. Wang, 1994: A diagnostic study of feedback mechanism in greenhouse effects simulated by NCAR CCM1. ACTA. Meteor. Sinica, 8, 270-282.
- 1995 68. Mohnen, V., W. Goldstein, and W.-C. Wang, 1995: The potential role of tropospheric ozone as a climate gas. Bull. World Meteor. Organization, 44., 38-42.
69. Wang, W.-C., M. P. Dudek, and X.-Z. Liang, 1995: chapter 9: The greenhouse effect of trace gases. 317-346, in Future climates of the World, (Ed.) A. Henderson-Sellers, Elsevier Science Publ. Number 16 of the World Survey of Climatology.

70. Wang, W.-C., X.-Z. Liang, M. P. Dudek, D. Pollard and S. L. Thompson, 1995: Atmospheric ozone as a climate gas. Atmospheric Research, 37, 247-256.
71. Liang, X.-Z., W.-C. Wang and M. P. Dudek, 1995: Interannual variability of regional climate and its change due to the greenhouse effect. Global and Planetary Change, 10, 217-238.
72. Liang, X.-Z., A. N. Samel, and W.-C. Wang, 1995: Observed and GCM simulated decadal variability of monsoon rainfall in east China. Climate Dynamics, 11, 103-114.
73. Samel, A. N., S.-W. Wang, and W.-C. Wang, 1995: A comparison between observed and GCM simulated summer monsoon characteristics over China. J. Climate, 8, 1690-1696.
74. Liang, X.-Z. and W.-C. Wang, 1995: A GCM study of the climatic effect of observed 1979-1992 ozone trend. in Atmospheric Ozone as A Climate Gas, (Eds) W.-C. Wang and I. S. A. Isaksen, 259-288, NATO ASI Series, Springer-Verlag, Berlin.
75. Fuglestedt, J. S., J. E. Jonson, W.-C. Wang, and I. S. A. Isaksen, 1995: Responses in tropospheric chemistry to changes in UV fluxes, temperatures and water vapor densities. in Atmospheric Ozone as A Climate Gas, (Eds) W.-C. Wang and I. S. A. Isaksen, 145-162, NATO ASI Series, Springer-Verlag, Berlin.
76. Mohnen, V. A., W. Goldstein, and W.-C. Wang, 1995: A new challenge: Assessing tropospheric ozone as a climate gas. Atmospheric Environment, 29, 641-642.
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78. Cox, S. J., W.-C. Wang, and S. E. Schwartz, 1995: Climate response to radiative forcings by sulfate aerosols and greenhouse gases. Geophys. Res. Lett. 22, 2509-2512.
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80. Liang, X.-Z., W.-C. Wang, and M. P. Dudek, 1996: Northern hemispheric interannual teleconnection patterns and their changes due to the greenhouse effect. J. Climate, 9, 465-479.
81. Dudek, M.-P., X.-Z. Liang, and W.-C. Wang, 1996: A regional climate model study of the scale-dependence cloud-radiation interaction. J. Climate, 9, 1221-1234.
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83. Liu, C.-M., M.-C. Wu, W.-C. Wang, 1996: Potential climate change in Taiwan during greenhouse warming: A semi-empirical approach. J. Environ. Protection Soc., 19, 1-23, Republic of China.
- 1997 84. Liang, X.-Z. and W.-C. Wang, 1997: Effect of cloud overlap on GCM climate simulations. J. Geophys. Res., 102, 11,039-11,047.
85. Liang, X.-Z., K. R. Sperber, W.-C. Wang, and A. N. Samel, 1997: Predictability of SST forced climate signals in two atmospheric general circulation models. Climate Dynamics, 13, 391-415.
86. Zhang, Y. and W.-C. Wang, 1997: Model simulated northern winter cyclone and anticyclone activity under a greenhouse warming scenario. J. Climate, 10, 1616-1634.
87. Cess, R. D. (with 36 co-authors), 1997: Comparison of atmospheric general circulation models to satellite observations of the seasonal change in cloud radiative forcing. J. Geophys. Res., 102, 16,593-16,603.
88. Zho, Z., Y. Luo, R. Leung, S. Ghan, W.-C. Wang, and H.-L. Wei, 1997: Simulation of summer monsoon over East Asia: Intercomparisons of three regional climate models. Quart. J. Appl. Meteorol., 8, 116-122. (in Chinese)
- 1998 89. Wang, W.-C., H.-H. Hsu, W.-S. Kau, X.-Z. Liang, LinHo, C.-T. Chen, A. N. Samel, C.-H. Tsou, P.-H. Lin, and K.-C. Ko, 1998: GCM simulations of the east Asia climate. 473-482. Proceedings of the Third East Asia-West Pacific Meteorology and Climate Conference, (Ed.) C.-P. Chang, World Scientific Publication, Corp. pp562.
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92. Liang, X.-Z. and W.-C. Wang, 1998: The observed fingerprint of 1980-1997 ENSO evolution in the NCAR CSM equilibrium simulation. *Geophys. Res. Lett.*, 25, 1027-1030.
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96. Joseph, E. and W.-C. Wang, 1999: An interactive cirrus cloud radiative parameterization for global climate models. *J. Geophys. Res.*, 104, 9501-9515.
97. Wei, H. and W.-C. Wang, 1999: A regional climate model simulation of summer monsoon over East Asia: A case study of 1991 flood in Yangtze-Huai River Valley. *Adv. Atmos. Sci.*, 15, 489-509.
98. Prather, M. (with W.-C. Wang and eleven other authors), 1999: Chapter 6. Potential climate change from aviation. 185-216, In *Aviation and the Global Atmosphere*, Intergovernmental Panel on Climate Change, Cambridge University Press. Pp373.
- 2000 99. Wang, W.-C., W. Gong, and H. Wei, 2000: A regional model simulations of 1991 severe precipitation event over Yantze-Huai river valley. Part I: Precipitation and circulation statistics. *J. Climate*, 13, 74-92.
100. Gong, W. and W.-C. Wang, 2000: A regional model simulation of 1991 severe precipitation event over Yangtze-Huai river valley. Part II: Model bias. *J. Climate*, 13, 93-108.
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