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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

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 diagnostical study of general circulation model simulated changes in hydrological components due to the greenhouse effects. Ph. D., Dept. of Geophysics, Beijing 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-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-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, Xuezhen, 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-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-Albany.