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EDUCATION

1984 Ph.D. Atmospheric Sciences, University of California, Los Angeles
1981 M.S. Atmospheric Sciences, University of California, Los Angeles
1976 B.S. Atmospheric Sciences, National Taiwan University

POSITIONS

2010-current	Professor, Depart. of Atmospheric Sciences, National Taiwan Univ.
2001-2010	Professor, Institute of Hydrological and Oceanic Sciences, National Central Univ.
1994-2001	Research scientist, NASA/Goddard Space Flight Center
1992-1993	Visiting Faculty, Center for Climate System Research, U. of Tokyo
1985-1994	Scientist, Univ. of Maryland, NRC, USRA, NASA/GSFC
1984-1985	Post Doctoral Fellow, University of California, Los Angeles

HONOR

1. Fellow, Meteorological Society of the ROC (2015)
2. NTU Distinguished Professor (2011-2014)
3. National Science Council 學術攻頂研究計畫「East Asian Hydrologic cycle and its response to climate change」(2009-2014)
4. NCU Distinguished Professor (2005-2010)
5. Foundation for The Advancement of Outstanding Scholarship (2002/8-2007/7)
6. Center of Excellence Award (2000, Goddard Space Flight Center, NASA)
7. Scientific Achievement Award (1996, Laboratory for Atmospheres, NASA/GSFC)
8. Performance Awards (1995, 1996, 1997, Laboratory for Atmospheres, NASA/GSFC)
9. Best Senior Author Research Paper Award (1994, Lab. for Atmos., NASA/GSFC)
10. Jacob A. Bjerknes Memorial Award (1982, UCLA)

RESEARCH SPECIALTIES

Tropical Meteorology, Climate dynamics, Hydro-Climate processes

ACADEMIC ACTIVITIES

- Chief Editor, Terr. Atmos. Ocean. Sci. J. , 2018/9-current
- Editor, Japan Geoscience Union PEPS (Progress in Earth and Planetary Science), 2016-current
- Editor, Journal of Advances in Atmospheric Sciences, 2009-current
- Editor, Terr. Atmos. Ocean. Sci. J., Hydrology section, 2003/9-2006/7
- Special issue of JMSJ (Guest Editor), 2008/3
- University Allied Workshop (Coordinator), 2004-2007
- Steering Group member, NASA Global Precipitation Mission Ground Validation Team, 2003-2005
- Principal-Investigators of research projects funded by NSF and NASA
- Associate editor for J. Climate, 1996-2002
- Reviewer for Monthly Weather Review, Journal of Atmospheric Sciences, J. Climate, Quart. J. Roy. Meteor., J. Meteor. Soc. Japan, J. Geophys. Res., Geophys. Research Letter, Tellus, Climate Dynamics, Advances in Atmospheric Sciences, Terr. Atmos. Ocean. Sci. J., and proposals for NSF, NOAA, NASA, NSC.

MANUSCRIPT IN REVISION

Cho, Y.-M., M.-M. Lu, C.-H. Sui, 2021: Decadal changes of the early summer Asian monsoon and the South China Sea tropical cyclones during the years 2001 through 2020, *Terrestrial, Atmospheric and Oceanic Sciences*

PUBLICATION

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Jan, S., M.-H. Chang, Y. J. Yang, C.-H. Sui, Y.-H. Cheng, Y.-Y. Yeh, and C.-W. Lee, 2021: Distinct intraseasonal ocean oscillations in the central South China Sea during boreal summer monsoon months. *Scientific Reports*. 11:13685, doi.org/10.1038/s41598-021-93219-3

Qian, J.-H., M.-M. Lu, C.-H. Sui, 2021: Evolution of South China Sea and East Asian Monsoon from Spring to Summer by the Progression of Daily Weather Types", *International Journal of Climatology*. https://doi.org/10.1002/joc.7194

Lai, T.-L., J.-M. Chen, C.-H. Sui, M.-Y. Tsai, C.-F. Shih, W.-T. Li, 2021: Joint modulations of Taiwan rainfall by tropical cyclone, northeast monsoon,

and intraseasonal oscillation in October. *Terrestrial, Atmospheric and Oceanic Sciences*, DOI: 10.3319/TAO.2021.09.06.01

Lai, T.-L., J.-M. Chen, C.-H. Sui, P.-H. Tan, L. Wu, M.-Y. Tsai, 2021: Interannual variability of summer tropical cyclone activity in the northwestern North Pacific modulated by El Niño-Southern Oscillation and Intraseasonal Oscillation. *Int. J. Climatol.* 1-17, DOI: 10.1002/joc.7194

Tsai, W. Y.-H., M.-M. Lu, C.-H. Sui and Y.-M. Cho, 2021: Subseasonal Forecasts of the Northern Queensland Floods of February 2019: Causes and Forecast Evaluation. *Atmosphere*, 12, 758. https://doi.org/10.3390/atmos12060758

Lu, M.-M., C.-H. Sui, C.-H. Wu, A. L. S. Solis, M.-D. Cheng, 2020: Tropical cyclone climatology and variability in Taiwan and Philippine Region during 1979-2018. *Terrestrial, Atmospheric and Oceanic Sciences*, doi: 10.3319/TAO.2020.11.30.01

Hsu, L.-H., L.-S. Tseng, S.-Y. Hou, B.-F. Chen, and C.-H. Sui, 2020: A Simulation Study of Kelvin Waves Interacting with Synoptic Events During December 2016 in the South China Sea and Maritime Continent., *J. Climate*, **33**, 6345-6359. DOI: 10.1175/JCLI-D-20-0121.1

Wang, B., et al., 2020: Monsoon Climate Change Assessment, *Bull. Amer. Meteor. Soc.* 101(5), https://doi.org/10.1175/BAMS-D-19-0335.1

Lee, C.W., Tseng, Y.H., Sui, C.H., 2020. Characteristics of the Prolonged El Nino Events During 1960-2020. *Geophys. Res. Lett., DOI: 10.1029/2020GL088345.*

Sui, C.-H., M. Satoh, K. Suzuki, 2020: Precipitation efficiency and its role in cloud-radiative feedbacks to climate variability. *J. Meteor. Soc. Japan,* **98 (2),** doi:10.2151/jmsj. 2020-024.

Sui, C.-H., P.-H. Lin, W.-T. Chen, S. Jan, C.-Y. Liu, Y.-J. Yang, C.-H. Liu, J.-M. Chen, M.-J. Yang, J.-S. Hong, L.-H. Hsu, L.-S. Tseng, 2020: An Overview of the SCSTIMX for studying subseasonal to seasonal variability in the SCS and Maritime Continent. *Terrestrial, Atmospheric and Oceanic Sciences*, DOI: 10.3319/TAO.2019.11.29.02

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Chen, J.-M., P.-H. Lin, C.-H. Wu, and C.-H. Sui, 2020: Track variability of South China Sea-formed tropical cyclones modulated by seasonal and intraseasonal circulations. *Terr. Atmos. Ocean. Sci.*, 31, 239-259, doi:

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Chen, J.M., Tsou, C.H., Wu, R.G., Sui, C.H., 2020. Introduction to the special issue on South China Sea Two-Island Monsoon Experiment (SCSTIMX): Observation, simulation, and projection. *Terr. Atmos. Ocean. Sci.* 31(2), 97-101.

Chen, J.-M., C.-H. Wu, J.Gao, P.-H. Chung, C.-H. Sui, 2019: Migratory Tropical Cyclones in the South China Sea modulated by Intraseasonal Oscillations and climatological Circulations. *J. Climate.* DOI: 10.1175/JCLI-D-18-0824.1

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Chen, J.-M., C.-H. Wu, P.-H. Chung, C.-H. Sui, 2018: Influence of Intraseasonal-Interannual Oscillations on Tropical Cyclone Genesis in the Western North Pacific. *J. Climate.* **31**, 4949-4961, DOI: 10.1175/JCLI-D-17-0601.1.

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Chen, H.-C., C.-H. Sui, Y.-H. Tseng, and B.-H. Huang, 2015: An Analysis of the Linkage of Pacific Subtropical Cells with the Recharge-discharge Processes in ENSO Evolution. *J. Climate*, **28**, 3786-3805, DOI: 10.1175/JCLI-D-14-00134.1

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Liu, K.-K., Wang, L.-W., Dai, M., Tseng, C.-M., Yang, Y., Sui, C.-H., Oey, L., Tseng, K.-Y., and Huang, S.-M., 2013: Inter-annual variation of chlorophyll in

the northern South China Sea observed at the SEATS Station and its asymmetric responses to climate oscillation. Biogeosciences Discuss, 10, 6899-6938. doi:10.5194/bgd-10-6899-2013.

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