

Chijun Sun

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EDUCATION

University of Texas at Austin, Austin, TX Ph.D. Paleoclimatology <i>Advisor: Timothy Shanahan</i>	2016-2021
Northwestern University, Evanston, IL M.S. Geology <i>Advisor: Matthew Hurtgen</i>	2014-2016
Tongji University, Shanghai, China B.S. Geology <i>Advisor: Chuanlun Zhang</i>	2009-2013
Lille 1 University, Lille, France (1-year exchange program) B.S. Earth Science <i>Advisor: Nicolas Tribouvillard</i>	2011-2012

WORK EXPERIENCE

National Center for Atmospheric Research, Boulder, CO <i>Advanced Study Program Postdoctoral Fellow</i>	2021-present
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PUBLICATIONS

- Sun, C., Tian, L., Shanahan, T.M., Partin, J., Gao, Y., Piatrunia, N., Banner, J. (2022). Isotopic variability in tropical cyclone precipitation is controlled by Rayleigh distillation and cloud microphysics. *Communications Earth & Environment*, 3(1), 1-10.
- Sun, C., Shanahan, T. M., DiNezio, P. N., McKay, N. P., & Roy, P. D. (2021). Great Plains storm intensity since the last glacial controlled by spring surface warming. *Nature Geoscience*, 14(12), 912-917.
- Sun, C., Shanahan, T. M., & Partin, J. (2019). Controls on the isotopic composition of precipitation in the south-central United States. *Journal of Geophysical Research: Atmospheres*, 124(14), 8320-8335.
- Sun, C., Zhang, C., Li, F., Wang, H., & Liu, W. (2016). Distribution of branched glycerol dialkyl glycerol tetraethers in soils on the Northeastern Qinghai-Tibetan Plateau and possible production by nitrite-reducing bacteria. *Science China Earth Sciences*, 59(9), 1834-1846.
- Li, F., Zhang, C. L., Wang, S., Chen, Y., Sun, C., Dong, H., ... & Hedlund, B. P. (2014). Production of branched tetraether lipids in Tibetan hot springs: A possible linkage to nitrite reduction by thermotolerant or thermophilic bacteria?. *Chemical Geology*, 386, 209-217.

AWARDS

- Advanced Study Program Postdoctoral Fellowship, National Center for Atmospheric Research (2021-2023)
- Graduate Student Assembly Travel Award, UT Austin (2021)
- Wiley Fund for Excellence in Hydrogeology, UT Austin (2021)
- Casey Memorial Scholarship, UT Austin (2021)
- Independent Study Fellowship, UT Austin (2017, 2020)
- Student Travel Award, Water Isotopes and Climate Workshop (2019)
- First Prize, Poster Presentation, Urbino Summer School in Paleoclimatology (2019)
- First Year Graduate Fellowship, Northwestern University (2014)
- First Prize, Student Oral Presentation Award, Tongji Summer School (2013)
- Outstanding Graduate of Class of 2013, Tongji University (2013)
- Learning Scholarship of Tongji University (2011)
- Outstanding Leadership Award, Tongji Science and Technology Service Center (2010)

SERVICE

Co-organizer of the Paleoclimate Advance Webinar Series
Co-organizer of Water, Climate, and Environment seminar series
Organizer of Science and Technology Contest of Tongji University

2021-Present
2020-2021
2009-2011