

# Minmin Fu

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<b>Contact Information</b>	Yale University Dept. Earth and Planetary Sciences 210 Whitney Ave. New Haven, CT 06511	minmin.fu@yale.edu minminfu.github.io
<b>Experience</b>	<b>Yale University</b> <i>Flint Postdoctoral Fellow</i> Research interests: Climate Dynamics, El Niño, Paleoclimate Faculty Host: Prof. Alexey Fedorov	Sept 2022 – Present
<b>Education</b>	<b>Harvard University</b> Ph.D., Earth and Planetary Sciences Advisor: Eli Tziperman <b>University of California, Davis</b> B.A. Physics, B.A. Mathematics GPA: 3.95, <i>Highest Honors</i>	Sept 2016 – May 2022    Sept 2013 – May 2016
<b>Awards</b>	2022 Flint Postdoctoral Fellowship, Yale University 2019 Harvard University Certificate of Distinction in Teaching, Bok Center 2016 William Benjamin and Jill Kowal Graduate Aid Fund in Environmental Studies, Harvard University 2016 Saxon Patten Prize for Physics, UC Davis Physics Department 2016 Distinguished Graduate, UC Davis Physics Department 2015 Robert Lewis Wasser Memorial Prize, UC Davis Mathematics	
<b>Publications</b>	Fu, M. (2022). Revisiting western United States hydroclimate during the last deglaciation ( <i>in prep</i> ).  Baum, M. & Fu, M. (2022). Simple Stochastic Modeling of Snowball Probability Throughout Earth History. ( <i>Accepted, Geochemistry, Geophysics, Geosystems</i> )  Bhattacharya, T., Feng, R., Tierney, J.E., Knapp, S., Burls, N.J., & Fu, M. (2022). Expansion and intensification of the North American Monsoon during the Pliocene. ( <i>Accepted, AGU Advances</i> )  Baum, M, Fu, M., & Bourguet, S. (2022). Sensitive dependence of global climate to continental geometry. <i>Geophysical Research Letters</i> , e2022GL098843.  Fu, M., Cane, M.A., Molnar, P., & Tziperman, E. (2022). Warmer Pliocene upwelling site SST leads to wetter subtropical coastal areas: a positive feedback on SST. <i>Paleoceanography</i> , 37(2):e2021PA004357.	

Fu, M., Cane, M.A., Molnar, P., & Tziperman, E. (2021). Wetter Subtropics Lead to Reduced Pliocene Coastal Upwelling. *Paleoceanography*, 36(10):e2021PA004243.

Fu, M. & Tziperman, E. (2021). A model study of the role of convection in the dynamics of westerly wind bursts. *Journal of Climate*, 34(15):6235–6246

Fu, M. & Tziperman, E. (2019). Essential ingredients to the dynamics of westerly wind bursts. *Journal of Climate*, 32(17):5549–5565

**Community  
Service**

2020 National Collegiate Research Conference Judge  
2019 Harvard ClimaTea Seminar Organizer  
2017 Cambridge Science Fair Moderator

**Skills**

Python, Julia, Matlab, Fortran, CESM, Parallel Computing (e.g., MPI)