# Minmin Fu

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## Education

**Harvard University**
Ph.D. Student, Earth and Planetary Sciences (2016 - Present)
Interests: Climate Dynamics, El Niño, Paleoclimate
Advisor: Eli Tziperman
**University of California, Davis**
B.A. Physics, B.A. Mathematics (2013 - 2016)
GPA: 3.95, *Highest Honors*

## Awards

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

## Publications

Mark Baum and Minmin Fu. Revisiting the role of continental configuration and breakup on weathering and initiation of "Snowball Earth" under thermodynamic limits. *in prep*, ( ): , 2022

Minmin Fu and Mark Baum. Thermodynamic and infiltration-limited silicate weathering in hothouse climates. *in prep*, ( ): , 2022

Minmin Fu, Mark A. Cane, Peter Molnar, and Eli Tziperman. Warmer Pliocene upwelling site SST leads to wetter subtropical coastal areas: a positive feedback on SST. *Paleoceanography, accepted*, ( ): , 2022

Minmin Fu, Mark A. Cane, Peter Molnar, and Eli Tziperman. Wetter subtropics lead to reduced Pliocene coastal upwelling. *Paleoceanography and Paleoclimatology*, 36(10):e2021PA004243, 2021

Minmin Fu and Eli Tziperman. Clouds (Book Chapter), Global Warming Science. *Princeton University Press, in press*, ( ): , 2021

Minmin Fu and Eli Tziperman. A model study of the role of convection in westerly wind burst dynamics. *Journal of Climate*, 34(15):6235–6246, 2021

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

## Teaching

Served as Teaching Fellow for:
- Global Warming Science (EPS101)
- Confronting Climate Change (GenEd1094)
- Applied Linear Algebra and Big Data (AM120)

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| Professional Activities | Reviewer for Geophysical Research Letters<br>Member of AGU and AMS |
| Community Service | 2020 National Collegiate Research Conference Judge<br>2019 Harvard ClimaTea Seminar Organizer<br>2017 Cambridge Science Fair Moderator |
| Skills | Python, Julia, Matlab, Fortran, CESM, Parallel Computing (e.g., MPI) |