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2024 – present	Postdoctoral Fellow Center for the Environment, Harvard University, Cambridge, MA Hosts: Eli Tziperman and Daniel Schrag
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Education

2018 – 2024	UC Berkeley , Berkeley, CA Advisor: David M. Romps	Ph.D., Earth & Planetary Science
2012 – 2016	Brown University , Providence, RI	B.Sc., Physics

Previous positions

2016 – 2018	Research Specialist Program in Atmospheric and Oceanic Sciences Princeton University, Princeton, NJ Host: Stephen Griffies
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Honors + Fellowships

2024-2026	HUCE Environmental Fellowship Harvard University
2023-2024	Philomathia Graduate Fellowship in Environmental Sciences
2021-2022	H2H8 Association Graduate Research Grant
2020	UC Berkeley Outstanding GSI Award EPS 82: Oceans
2019	AMS Best Student Presentation Award AMS Conference on Atmosphere and Ocean Fluid Dynamics
2016	Mildred Widgoff Prize for Excellence in Thesis Preparation Brown University
2016	Departmental Honors in Physics Brown University

Publications

Preprint	N. Tarshish , D. Romps, and I. Fung, “Fossil fuels dominate future warming but not the past or present”, <i>EarthArXiv</i> , doi:10.31223/X5312F, 2026.
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Preprint	N. Tarshish , E. Tziperman, “On the pattern, magnitude, and timing of anthropogenic heat uptake in the Southern Ocean”, <i>EarthArXiv</i> , doi:10.31223/X5BR50, 2026.
2026	N. Tarshish , N. Jeevanjee, and I. Fung, “Multi-century cooling after net-zero greenhouse gas emissions”, <i>Nature Climate Change</i> , vol. 16, 941–946, doi:10.1038/s41558-026-02700-2, 2026.
2022	N. Tarshish , D. Romps, “Latent Heating is required for Firestorm Plumes to reach the Stratosphere”, <i>Journal of Geophysical Research: Atmospheres</i> , vol. 127, e2022JD036667, doi:10.1029/2022JD036667, 2022.
2022	N. Tarshish , D. Romps, “A Closure for the Virtual Origin of Turbulent Plumes”, <i>Journal of the Atmospheric Sciences</i> , vol. 79, 1459–1471, doi:10.1175/JAS-D-21-0096.1, 2022.
2019	A. Sinha, D. Balwada, N. Tarshish , R. Abernathey, “Modulation of Lateral Transport by Submesoscale Flows and Inertia-Gravity Waves”, <i>Journal of Advances in Modeling Earth Systems</i> , vol. 11, 1039-1065, doi:10.1029/2018MS001508, 2019.
2018	N. Tarshish , N. Jeevanjee, and D. Lecoanet, “Buoyant Motion of a Turbulent Thermal”, <i>Journal of the Atmospheric Sciences</i> , vol. 75, 3233-3244, doi:10.1175/JAS-D-17-0371.1, 2018.
2018	N. Tarshish , R. Abernathey, C. Zhang, C. Dufour, I. Frenger, and S. Griffies, “Identifying Lagrangian Coherent Vortices in a Mesoscale Ocean Model”, <i>Ocean Modelling</i> , vol. 130, 15-28, doi:10.1016/j.ocemod.2018.07.001, 2018.

Teaching

Fall 2020	Graduate Student Instructor EPS C12: The Planets, UC Berkeley
Fall 2019	Graduate Student Instructor EPS 82: Oceans, UC Berkeley

Recent Presentations

May 2026	“Rethinking the CO ₂ -centric View of Climate Change” Climate Seminar Stanford, CA
May 2025	“Cooling after Net Zero” EGU General Assembly Vienna, Austria
September 2024	“Cooling after Net Zero” ECS Virtual Symposium Recording: https://www.youtube.com/watch?v=CJAY5kvT7MQ