

# Justin Staller Mankin

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## APPOINTMENTS

2023-present	Associate Professor, Department of Geography, Dartmouth
2018-present	Adjunct Associate Research Scientist, Lamont-Doherty Earth Observatory, Columbia University
2018-present	Faculty Affiliate, Department of Earth & Planetary Sciences, Dartmouth
2018-present	Faculty Affiliate, Ecology, Evolution, Environment & Society, Dartmouth
2018-2023	Assistant Professor, Department of Geography, Dartmouth
2015-2018	Earth Institute Postdoctoral Fellow, Lamont-Doherty Earth Observatory, Columbia University
2015-2017	Postdoctoral Fellow, NASA Goddard Institute for Space Studies

## EDUCATION

2015	PhD in Climate Science, Stanford University
2010	MPA in Environmental Science & Policy, Columbia University
2008	MSc in Global Politics & Development Economics, London School of Economics
2004	BA in Political Science, Columbia University

## HONORS, AWARDS, & FELLOWSHIPS • (SELECTED, LAST TWO YEARS)

2025	MIT & Woods Hole Oceanographic Institution, H. Burr Steinbach Scholar
2024	American Geophysical Union, Global Environmental Change Early Career Award
2024	Keynote, National Academy of Science, Engineering, & Medicine, “Climate Change & Human Migration”
2024	Nature Cover Article: Gottlieb & Mankin, “Evidence of human influence on Northern Hemisphere snow loss,” <i>Nature</i>
2024	World Climate Research Programme & Future Earth: Callahan & Mankin, <i>Science</i> (2023) named one of the 10 New Insights in Climate Science (10NICS)
2023-2024	Pettitt Family Fellowship, Dartmouth
2023	Climate Science Leader, Climate Judiciary Project, Environmental Law Institute

## PEER-REVIEWED JOURNAL ARTICLES • (SELECTED, LAST 2 YEARS)

Total peer-reviewed papers published: 60. Total citations: ~6400; h-/i-10 index: 38/49

★ Denotes research where Mankin is lead or senior author; underlined are: PI-advised (P)ostdoc, (G)rad student, (U)ndergrad, and (R)esearch Assistant

2025	★Mankin, J. S., N. Siebert (R), J. E. Smerdon, B. I. Cook, R. Seager, A. P. Williams, C. Lesk, (P), Z. Li (P), H. Singh (R), E. Martinez (U), Nonlinear carbon feedbacks diminish future freshwater availability, in press, <i>Journal of Climate</i> .
2025	★ Callahan, C. (G) & J. S. Mankin, Carbon majors and the scientific case for climate liability, in press, <i>Nature</i> .
2025	★Lesk, C. (P), J. Winter, & J. S. Mankin, Projected runoff declines from plant physiological effects on precipitation, <i>Nature Water</i> .
2024	★Li, Z. (P), J. E. Smerdon, R. Seager, N. Siebert (R), & J. S. Mankin, Emergent trends complicate interpretation of the United States Drought Monitor, <i>AGU Advances</i> .
2024	★Gottlieb, A. (G) & J. S. Mankin, Evidence of human influence on Northern Hemisphere snow loss, <i>Nature</i> .
2023	★Callahan, C. (G) & J. S. Mankin, Persistent effect of El Niño on global economic growth, <i>Science</i> .

2023 ★Callahan, C. (G), N. J. Dominy, J. M. DeSilva, & J. S. Mankin, Global warming, home runs, and the future of America's pastime, *Bulletin of the American Meteorological Society*.

## OTHER WRITING • (SELECTED)

2024 ★Mankin, J. S., The people have a right to climate data, *The New York Times*, Section A, Page 22.  
 2023 ★Mankin, J. S. & C. Callahan (G), The other climate change, *The Los Angeles Times*, page A11.  
 2022 ★Mankin, J. S. & C. Callahan (G), The Scientific Case for Climate Liability and Loss and Damage Claims, *Lawfare*.  
 2021 ★Mankin, J. S., The American West's drought isn't a disaster. It's our new, permanently arid normal, *The Washington Post*.

## SERVICE

### TO THE DISCIPLINE • (SELECTED, LAST 2 YEARS)

2025-present Member, Committee on the Future of Drought in the United States, U.S. National Academy of Science  
 2024-present Graphics Lead Author, U.S. Sixth National Climate Assessment  
 2024-present Drought Lead, NASA Decadal Survey, Water Cycle Priorities  
 2023-present Editor, *Earth's Future*, a Journal of the American Geophysical Union (AGU)  
 2022-present Associate Editor, *Journal of Climate*, a Journal of the American Meteorological Society (AMS)  
 2020-present Member, American Meteorological Society Committee on Climate Variability and Change (AMS CVC)  
 2020-present Member Representative, University Corporation for Atmospheric Research (UCAR)  
 2024-present Member, Attribution Science and Climate Law Advisory Committee, Sabin Center for Climate Law  
 2021-24 Co-lead, National Oceanic & Atmospheric Administration Drought Task Force  
 2022-2024 Co-chair, "The Future of Terrestrial Water Availability" at the Aspen Global Change Institute  
 2024 Media Lead, World Climate Research Programme & Future Earth 10 New Insights in Climate Science  
 2023 Co-chair, 37th Conference on Climate Variability and Change of the American Meteorological Society  
 2023 Member, *Earth's Future* Editor-in-Chief Search Committee

### TO DARTMOUTH

2024-present Member, Dartmouth Climate Collaborative Advisory Council  
 2024-present Chair, Curriculum Committee, Department of Geography  
 2024-present Member, Departmental Seminar Committee, Department of Geography  
 2022-present Member, Curriculum Committee, Dartmouth EEES PhD program  
 2022-present Member, Design Initiative at Dartmouth (DIAD) Steering Committee  
 2024 Member, Provost's Strategic Working Group to the Irving Institute  
 2024 Chair, Dartmouth Climate Futures Initiative Research Colloquium  
 2023-2024 Member, Dartmouth Climate Solutions Working Group Organizing Committee  
 2023-2024 Member, Committee on Standards (COS)  
 2022-2024 Member, Irving Institute Faculty Advisory Board  
 2022-2023 Member, Search Committee, Department of Geography  
 2022-2023 Member, Ad Hoc Group on Energy for Dartmouth's Our Green Future  
 2021-2023 Member, Program Chair Selection Committee, Dartmouth EEES PhD program  
 2020-2022 Chair, Curriculum Committee, Dartmouth EEES PhD program  
 2020-2021 Member, Committee on the Faculty (COF)

## GRANTS • (ONGOING ONLY)

\$1.3M in external support over last 4 years, \$1.5M pending  
 2024-2026 Rockefeller Family Fund, sole PI, \$450,000  
 2023-2026 NSF Climate & Large Scale Dynamics, co-PI, with Syracuse University, \$128,000  
 2021-2025 Department of Energy, co-PI, with Columbia University, \$333,000