

Siddharth Kishore

Citizenship: India (H-1B Visa)

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Academic Appointments

Postdoctoral Scholar, Valley Institute for Sustainability, Technology, & Agriculture, University of California Merced, Jan 2025 - present

Postdoctoral Scholar, School of Public Policy, University of California Riverside, Feb 2023 - Jan 2025

Education

Ph.D. in Agricultural and Resource Economics, Colorado State University, 2018-2023

Dissertation Title: Climate Shocks, Adaptation Policies, and Human Health in Developing Countries: An Application to India

Committee: Dale T. Manning (Advisor, Chair), Jordan F. Suter, Alexandra E. Hill, and Anita Pena.

M.S. Agricultural and Applied Economics, University of Arizona, 2016-2018

Thesis Title: Two Essays on Perceived Climate Change and Adaptation of Rural Livelihoods

M.A. Agribusiness Economics, Gokhale Institute of Politics and Economics, 2013-2015

B.E. Electronics, Bharati Vidyapeeth University, 2004-2008

Fields of Interest

Agricultural Economics, Land Use Economics, Environmental and Natural Resource Economics

Research

Publications

3. **Kishore, S.**, Tsaneva, M., Balakrishnan, U. 2026 "Air Pollution and Intimate Partner Violence in India." *Review of Economics of the Household*. DOI: <https://doi.org/10.1007/s11150-026-09851-3>
2. **Kishore, S.**, Nemati, M., Dinar, A., Struthers, C., MacKenzie, S., Shugart, M. 2025. "Climate-induced Changes in Agricultural Land Use: Parcel-Level Evidence from California's Central Valley." *Climatic Change* 178, 59 (2025). DOI: <https://doi.org/10.1007/s10584-025-03905-8>
1. **Kishore, S.** 2023. "Rainfall Shocks, Soil Health, and Child Health Outcomes." *Population and Environment* 45, 18 (2023). DOI: <https://doi.org/10.1007/s11111-023-00433-4>

Working Papers

4. **Kishore, S.**, Medellín-Azuara, J. "Extreme Temperatures, Crop Diversity, and Pesticide Use Behavior: Comprehensive Evidence from California " (*R&R at Journal of the Agricultural and Applied Economics Association*)
5. Tsaneva, M., **Kishore, S.** "Air Pollution, Fertility, and Reproductive Healthcare Use in India " (*Under Review*)
6. Tsaneva, M., **Kishore, S.** "Air Pollution and Maternal Healthcare-Seeking Behavior in India " (*Under Review*)
7. **Kishore, S.**, Nemati, M., Dinar, A., Struthers, C., MacKenzie, S., Shugart, M. "Drought, Dust, and Farmland Market: Evidence from California's Central Valley "
8. **Kishore, S.**, Medellín-Azuara, J. "Responsiveness of Crop Yield and Harvested Acres to Warmer Temperatures "
9. **Kishore, S.**, Medellín-Azuara, J. "Drought Severity, Crop Diversity, and Irrigation Technology "
10. **Kishore, S.**, Manning, D.T. "Public Sector Job Guarantees and Family Planning Choices in Rural India"

Work in Progress

"Dynamic Land Use in Critically Overdrafted Basins in California" (with Katherine Hauck, UC Davis)

Extension and Other Publications

Kishore, S., Zhang, B., Wu L., Hestir E., Escrivá-Bou A., Medellín-Azuara, J. 2025. "Estimating Extended Flood Damage to California's Agricultural Lands Using Remote Sensing " *ARE Update* 29(2): 13-15. University of California Giannini Foundation of Agricultural Economics

Kishore, S., Nemati, M., Dinar, A., Struthers, C., MacKenzie, S., Shugart, M. 2024. "The Changing Face of Farmland in California's Central Valley: Crop Types and Land Quality " *ARE Update* 28(1):9-10. University of California Giannini Foundation of Agricultural Economics

Kishore, S., Nemati, M., Dinar, A., Struthers, C., MacKenzie, S., Shugart, M. 2023. "Trends in the California Farmland Sales Prices and the Impacts of Drought " *ARE Update* 27(2):9-11. University of California Giannini Foundation of Agricultural Economics

Cohen, A., Struthers, C., MacKenzie, S., Shugart, M., **Kishore, S.**, Nemati, M., Dinar, A. 2026 "Changing Policy in a Changing Climate: How Intermittent Advocacy by Diverse Groups Influences Legislative Outcomes " *Political Research Quarterly*. DOI: <https://doi.org/10.1177/106591292614557>

Waring, E., Dahlke, H.E., Abatzoglou, J.T., Medellín-Azuara, J., Yost, M.A., Bali, K.M., Naughton, C.C., Putnam, D.H., Sabie, R., **Kishore, S.**, Santos, N.R., Viers, J.H. 2025. "Reimagining alfalfa as a flexible crop for water security in the Southwestern USA." *Science of The Total Environment*. DOI: <https://doi.org/10.1016/j.scitotenv.2025.179851>

Pellaton, P., Colner, J.P., Cohen, A., Struthers, C., **Kishore, S.**, MacKenzie, S., Shugart, M., Nemati, M., Dinar, A., 2025. "Chapter 20. Legislative responsiveness to climate change: Politically-driven adaptation in California's agricultural sector. " In Ariel Dinar and Robert Mendelsohn (Eds.), *Handbook on Climate Change Impacts, Mitigation, and Adaptation in Agriculture*. In Press.

Honors, Awards, & Fellowships

International Programs Global Impact Award, Colorado State University, 2022
Eric Monke Memorial Scholarship, University of Arizona, 2017

Academic Experience

Department of Civil and Environmental Engineering, University of California Merced

Instructor: Engineering Economics, Spring 2025

Department of Agricultural and Resource Economics, Colorado State University

Instructor: Principles of Microeconomics, Spring 2022

Department of Agricultural and Resource Economics, University of Arizona

Research Assistant, Supervisor: Tauhidur Rahman, 2016-2018

Project: Climate Information Service, Adaptation, and Rural Livelihoods in Bihar, India.

Conference Presentations & Invited Seminars

2025: American Geophysical Union Annual Meeting (AGU25)

2024: Agricultural and Applied Economics Association Annual Meeting (AAEA), Pacific Conference for Development Economics (PacDev), UC Merced, UC Davis

2023: Online Summer Workshop in Environmental, Energy, and Transportation Economics (OSWEET), UC Riverside, UC San Diego

Professional Service

Referee: Water Economics and Policy (x 2), Journal of Environmental Economics and Management, Australian Journal of Agricultural and Resource Economics, Population and Environment (x 5)

Industry Experience

Agribusiness Strategist, Vasudhaika Software Solutions Pvt. Ltd., Hyderabad, India, 2015-2016

System Engineer, Tata Consultancy Services Ltd., Mumbai, India, 2008-2013