

Siddharth Kishore

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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

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, Environmental and Natural Resource Economics

Research

Peer-Reviewed Publications

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>

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*) DOI: <https://doi.org/10.1007/s10584-025-03905-8>

Kishore, S. 2023. "Rainfall Shocks, Soil Health, and Child Health Outcomes" (*Population and Environment*)
DOI: <https://doi.org/10.1007/s11111-023-00433-4>

Working Papers

Kishore, S., Medellín-Azuara, J. "Extreme Temperatures, Crop Diversity, and Pesticide Use Behavior: Comprehensive Evidence from California "

Kishore, S., Nemati, M., Dinar, A., Struthers, C., MacKenzie, S., Shugart, M. "The Impact of Dust Exposure on Farmland Market: Evidence from the California's Central Valley "

"Problem Severity and Legislative Incentives to Deliver Targeted Benefits: Evidence from California's Response to Megadrought" (with Cory Struthers, Scott MacKenzie, Matthew Shugart, Mehdi Nemati, Ariel Dinar)

Kishore, S., Manning, D.T. "Public Sector Job Guarantees and Family Planning Choices in Rural India"

Kishore, S., Tsaneva, M., Balakrishnan, U. "Air Pollution and Intimate Partner Violence in India "

Tsaneva, M., **Kishore, S.** "Air Pollution and Women's Reproductive Health and Healthcare in India "

Extension and Other Publications

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

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

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 for: *Population and Environment*, *Water Economics and Policy*, *Journal of Environmental Economics and Management*

Industry Experience

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

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

References

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University of Tennessee
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