

Research Interests

Impact of climate change in developing countries, Poverty and welfare, Health and fertility

Education

PhD Applied Economics, University of Minnesota, USA, (In progress)
Pre-doctoral trainee in Population Studies, Minnesota Population Center (MPC)

Master of Public Policy (MPP), University of Minnesota, USA, 2018
Minor: Applied Economics, Population Studies

Master of Arts (MA), Sustainable Development Practice, TERI University, India, 2012
Concentration: *Climate Change*
Thesis: Government Policies for Climate Smart Agriculture in India: Implications and Future Actions

Bachelor of Technology (B. Tech.), Biotechnology, Amity University, India, 2010
Concentration: *Environmental Biotechnology*

Research and Data Experience

Minnesota Population Center (MPC), Minneapolis, USA, May, 2018-Present
Graduate Research Assistant

Pillsbury United Communities, Minneapolis, USA, June-August, 2017
Data and Evaluation Specialist Intern

International Food Policy Research Institute (IFPRI), New Delhi, India, 2012-16
Research Analyst, April-August, 2016
Senior Research Assistant, July, 2012-March, 2016
Intern, March-June, 2012

Other Professional Experience

Humphrey School of Public Affairs, Minneapolis, USA, Spring'18
Graduate Teaching Assistant, Development Planning and Policy Analysis

Disability Resource Centre, University of Minnesota, Minneapolis, USA, Spring'18
Senior Access Assistant

Humphrey School of Public Affairs, Minneapolis, USA, Fall'16 and'17
Graduate Teaching Assistant, Empirical Analysis I

Published Peer Reviewed Papers

Kishore, A., Joshi, P. K., & Pandey, D. (2017). [Harnessing the sun for an evergreen revolution: a study of solar-powered irrigation in Bihar, India.](#) *Water International*, 42(3), 291-307.

Kishore, A., Joshi, P. K., & Pandey, D. (2015). [Drought, distress, and a conditional cash transfer programme to mitigate the impact of drought in Bihar, India.](#) *Water International*, 40(3), 417-431.

Book Chapters

Kishore, A., Pandey, D., Pal, B.D., Joshi, P.K., & Tyagi, N. K. 2019. "Institutional and policy related research gaps for climate resilient farming system intensification: A study in Eastern Indo-Gangetic Plain". In *Climate smart agriculture in South Asia: Technologies, Policies and Institutions*, eds. Barun Deb Pal, Avinash Kishore, Pramod Kumar Joshi and Narendra Kumar Tyagi. Singapore: Springer.

Kishore, A., Joshi, P.K., & **Pandey, D.** 2019. "Droughts, distress, and policies for drought-proofing agriculture in Bihar, India". In *Climate smart agriculture in South Asia: Technologies, Policies and Institutions*, eds. Barun Deb Pal, Avinash Kishore, Pramod Kumar Joshi and Narendra Kumar Tyagi. Singapore: Springer.

Khan, Md. T., Joshi, P.K.; Kishore, A., & **Pandey, D.** 2019. "Policy measures for reducing vulnerability to climate extremes in agriculture: Lessons from the case of unseasonal rainfall in Haryana and Punjab, India". In *Climate smart agriculture in South Asia: Technologies, Policies and Institutions*, eds. Barun Deb Pal, Avinash Kishore, Pramod Kumar Joshi and Narendra Kumar Tyagi. Singapore: Springer.

Tyagi, N. K., Joshi, P.K., Aggarwal, P.K. & **Pandey, D.** 2019. "Role of development policies in combating climate change issues in Indian agriculture: An assessment of irrigation and fertilizer policies". In *Climate smart agriculture in South Asia: Technologies, Policies and Institutions*, eds. Barun Deb Pal, Avinash Kishore, Pramod Kumar Joshi and Narendra Kumar Tyagi. Singapore: Springer.

Discussion Papers

Khan, M., Kishore, A., **Pandey, D.**, & Joshi, P. K. (2016). [*Using zero tillage to ameliorate yield losses from weather shocks: Evidence from panel data in Haryana, India*](#) (Vol. 1562). Intl Food Policy Res Inst.

Kishore, A., Joshi, P. K., & **Pandey, D.** (2014). [*Droughts, distress, and policies for drought proofing agriculture in Bihar, India*](#). (Vol. 1398). Intl Food Policy Res Inst.

Conference and Workshop Presentations

Solar Pumps for Drought Proofing. Paper presented at IFPRI-CGG workshop on "Mitigating Agrarian Distress in Indian Agriculture". Hyderabad, India. October 15th, 2015.

[*The role of development policies in combating climate change issues in Indian Agriculture: a first order assessment of irrigation and fertilizer policies*](#). Paper presented at the 29th International Conference of Agricultural Economists (ICAE). Milan, Italy. August 9th, 2015.

Exploring the Role of Non-Climate Government Policies in achieving Climate Smart Agriculture (CSA) in India. Paper presented at the 8th International Conference on Public Policy and Management: Infrastructure – Hard and Soft. Indian Institute of Management (IIM). Bangalore, India. August 13th, 2013.

Government Policies and Climate Smart Agriculture in India: Implications and Future Actions. Paper presented at CCAFS research workshop on "Impact Pathways for Climate Change, Agriculture and Food Security Program in South Asia". Dhaka, Bangladesh. 27th February, 2013.

Popular Writing

[Fighting droughts in Bihar](#) (with Avinash Kishore). IFPRI South Asia Blog, October 7th, 2015

[Saving agriculture from weather woes](#) (with Avinash Kishore). Mint, May 17th, 2015.

[Striving for drought proof agriculture in Bihar, India](#). IFPRI South Asia Blog, February 13th, 2015.

Computer Skills: Stata, Excel, R (familiarity)

Language Skills: English (fluent), Hindi (native), Spanish (beginner)

Service: Student member, Advisory Board, Minnesota Population Center (2019-20)

Awards

Lloyd B. Short Award for Best Master's Paper, *Impact of MGNREGA on Rural Wages in India: Findings from the Rural Price Collection (RPC) Surveys (2001-2011)*, (May, 2018)

Freeman Stassen Award for International Activities (May, 2018)

Hubert H. Humphrey Public Leadership Awards Scholarship for Graduate Studies (2016)