

DIGVIJAY SINGH NEGI

IGIDR

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EDUCATION

Ph.D. Quantitative Economics, Economics and Planning Unit, *Indian Statistical Institute*,
New Delhi, India, 2013-2018

Master of Economics (MA), *Delhi School of Economics, University of Delhi*, India, 2007-2009

Bachelor of Arts with Honors (BA(Hons)) Economics, *University of Delhi*, India, 2003-2006

ACADEMIC AND RESEARCH APPOINTMENTS

Assistant Professor, [Indira Gandhi Institute of Development Research \(IGIDR\)](#), Mumbai, Maharashtra,
July 2019-present

Postdoctoral Fellow, [Center for Development Economics](#), Delhi School of Economics, University of
Delhi, February-June 2019

Research Associate, [ICAR National Institute of Agriculture Economics and Policy Research](#), New Delhi,
2010-2013

TEACHING AND RESEARCH FIELDS

Primary fields

Development Economics, Risk and Insurance, Agricultural Economics, International Trade

Secondary fields

Environmental Economics, Gender, Health and Nutrition

TEACHING EXPERIENCE

Courses taught

January-June, 2021	<i>Topics in Applied Econometrics</i> , Indira Gandhi Institute of Development Research
January-June, 2020	<i>Topics in Applied Econometrics</i> , Indira Gandhi Institute of Development Research
Fall, 2014	<i>Computer Programming and Applications</i> , Indian Statistical Institute, Teaching Assistant
Fall, 2015, 2016	<i>Statistics</i> , Indian Statistical Institute, Teaching Assistant

PUBLICATIONS

[Climate Change and Land-Use in Indian Agriculture](#) with Pratap S. BIRTHAL, Jaweria Hazrana and Subhash Bhan, *Land Use Policy*, 2021.

[Benefits of Irrigation Against Heat Stress in Agriculture: Evidence from Wheat Crop in India](#) with Pratap S. BIRTHAL, Jaweria Hazrana and Ghanshyam Pandey, *Agricultural Water Management*, 2021.

[Impacts of Climatic Hazards on Agricultural Growth in India](#) with Pratap S. BIRTHAL and Jaweria Hazrana, *Climate and Development*, 2021.

[Understanding the Geographic Patterns of Diffusion of Modern Varieties in India](#) with Anjani Kumar, Pratap S. BIRTHAL, Jaweria Hazrana and Gaurav Tripathi, *Food Security*, 2020.

[Farmers' Social Networks and the Diffusion of Modern Crop Varieties in India](#) with Anjani Kumar, Pratap S. BIRTHAL and Gaurav Tripathi, *International Journal of Emerging Markets*, 2020.

[Diversification in Indian Agriculture Towards High Value Crops: Multilevel Determinants and Policy Implications](#) with Pratap S. BIRTHAL and Jaweria Hazrana, *Land Use Policy*, 2020.

[Spatial Spill-overs, Structural Transformation and Economic Growth in India](#) with Jaweria Hazrana, Pratap S. BIRTHAL, G. Mani, G. Pandey, *Agricultural Economics Research Review*, 2020 (best paper award 2020).

[A Multilevel Analysis of Drought Risk in Indian Agriculture: Implications for Managing Risk at Different Geographical Levels](#) with Pratap S. BIRTHAL and Jaweria Hazrana, *Climatic Change*, 2019.

[Trade-off Between Risk and Returns in Farmers' Choice of Crops? Evidence from India](#) with Pratap S. BIRTHAL and Jaweria Hazrana, *Agricultural Economics Research Review*, 2019.

[Farmers' Choice of Market Channels and Producer Prices in India: Role of Transportation and Communication Networks](#) with Pratap S. BIRTHAL, Devesh Roy and Md. Tajuddin Khan, *Food Policy*, 2018.

[Is Indian Agriculture Becoming Resilient to Droughts? Evidence from Rice Production Systems](#) with Pratap S. BIRTHAL, Md. Tajuddin Khan and Shaily Agarwal, *Food Policy*, 2015.

[Farmers' Preference for Farming: Evidence from a Nationally Representative Farm Survey in India](#) with Pratap S. BIRTHAL, Devesh Roy and Md. Tajuddin Khan, *The Developing Economies*, 2015.

[Assessing the Impact of Crop Diversification on Farm Poverty in India](#) with Pratap S. BIRTHAL and Devesh Roy, *World Development*, 2015.

[The Impacts of Information on Returns from Farming: Evidence from a Nationally Representative Farm Survey in India](#) with Pratap S. BIRTHAL, Shiv Kumar and Devesh Roy, *Agricultural Economics*, 2015.

[Income Sources of Farm Households in India: Determinants, Distributional Consequences and Policy Implications](#) with Pratap S. BIRTHAL, Awadesh K. Jha and Dhiraj Singh, *Agricultural Economics Research Review*, 2014.

[How Sensitive is Indian Agriculture to Climate Change?](#) with Pratap S. BIRTHAL, Shiv Kumar, Shaily Agarwal, A. Suresh and Md. Tajuddin Khan, *Indian Journal of Agriculture Economics*, 2014.

[Impact of Climate Change on Yields of Major Food Crops in India: Implications for Food Security](#) with Pratap S. BIRTHAL, Md. Tajuddin Khan and Shaily Agarwal, *Agricultural Economics Research Review*, 2014.

[Livestock for Higher, Sustainable and Inclusive Agricultural Growth](#) with Pratap S. BIRTHAL, *Economic and Political Weekly*, 2012.

[Prevailing Standards and Dimensions Governing Sanitary and Phyto-Sanitary Compliance in Indian Black Pepper Supply Chain](#) with Aarathi, L. R., Shiv Kumar and Dharam Raj Singh, *Agricultural Economics Research Review*, 2012.

UNPUBLISHED PAPERS

Basis Risk in Index Insurance: Lower Tail Dependence and the Demand for Weather Insurance *with* Bharat Ramaswami

International Risk Sharing for Food Staples *with* Bharat Ramaswami

Coping with the Consequences of Short-Term Illness Shocks: The Role of Intra-Household Labor Substitution *with* Abhishek Dureja

Uncertain Monsoon, Irrigation and Crop Yields: Implications for Pricing of Insurance Products *with* Hardeep Singh and Pratap S Birthal

Daughter vs. Daughter-in-Law: Kinship Roles and Women's Time Use in India *with* Tanu Gupta

Market Access, Price Policy and Diversification in Indian Agriculture *with* Pratap S. Birthal, Devesh Roy and Jaweria Hazrana

WORK IN PROGRESS

Difference-in-Differences with a Misclassified Treatment Status *with* Akanksha Negi

Risk Sharing Tests with Network Transaction Costs *with* Christian J Cox and Akanksha Negi

An Experimental Study of Food Subsidy Options *with* Klaus Abbink, Gaurav Datt, Lata Gangadharan and Bharat Ramaswami

The Welfare Impacts of High Food Prices: Resource Endowments and Spill-Over Effects

CONFERENCE PRESENTATIONS

12th, Conference on Randomised Controlled Trials, Monash University, Melbourne, December 2019, Australia.

15th, Annual Conference on Economic Growth and Development, Indian Statistical Institute, December 2019, Delhi.

2019, IGIDR Seminar Series, Market Access, Policies and Agricultural Transformation: Evidence Using Disaggregated Data from India, Mumbai, India.

2019, Sustainability and Development Conference, University of Michigan, Ann Arbor, United States.

2018 North East Universities Development Consortium Conference (NEUDC), Cornell University, Ithaca, New York.

2018 Agricultural and Applied Economic Association (AAEA) Annual Meeting, Washington, D. C., August 5-7.

30th International Conference of Agricultural Economists (ICAE), Vancouver, July 28 - August 2, 2018.

6th IIFT Conference on Empirical Issues in International Trade & Finance, December 2018, New Delhi.

12th, 13th and 14th Annual Conference on Economic Growth and Development, Indian Statistical Institute, New Delhi, India.

2nd, 3rd and 4th Centre for Research on the Economics of Climate, Food, Energy and Environment (CECFEE) workshops.

2016 Indira Gandhi Institute of Development Research (IGIDR) Ph.D. Colloquium, Mumbai, India, November 8 - 11.

2016 Australasian Development Economics Workshop (ADEW), Deakin University, Melbourne, Australia, June 9 - 10.

PROFESSIONAL ACTIVITIES

Referee

American Journal of Agricultural Economics, Economic Development and Cultural Change, Agricultural Economics Research Review, Economic and Political Weekly, Journal of Quantitative Economics, Environment and Development Economics, Journal of Public Affairs, Journal of Agribusiness in Developing and Emerging Economies, SAGE Open, Scientific Reports-Nature

Memberships and collaborations

[Research Fellow](#) EfD-India Center for research on the Economics of Climate, Food, Energy and Environment

Agricultural and Applied Economic Association and International Association of Agricultural Economists

Collaborator on International Food Policy Research Institute's [Advancing Research on Nutrition and Agriculture project](#)

Collaborator on Monash University, Australia funded project *An Experimental Study of Food Subsidy Options in India*

Last updated: August 3, 2021