

Curriculum Vitae

January 2026

ADEETH A. G. CARIAPPA

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SPECIALIZATION: Agricultural Economics

CITIZENSHIP: Indian

LANGUAGES: English, Hindi, Kannada and Kodava

EMPLOYMENT

<u>Institution</u>	<u>Designation</u>	<u>Year</u>
• International Maize and Wheat Improvement Center (CIMMYT)	Associate Scientist – Environmental and Resource Economist	Feb 2025 - present
• International Maize and Wheat Improvement Center (CIMMYT)	Post-Doctoral Fellow – Environmental and Resource Economist	Feb 2023 – Jan 2025
• National Institution for Transforming India (NITI) Aayog, Government of India	Young Professional Agriculture and Allied Sectors Vertical	April 2022 – Jan 2023
• Food and Agriculture Organization (FAO)	Consultant – Dairy Market	Sep 2021 – Nov 2021

EDUCATION

<u>Institution</u>	<u>Qualification</u>	<u>Year</u>
• ICAR – National Dairy Research Institute Karnal, Haryana, India	Ph.D. (Agricultural Economics)	2018 to 2022
• University of Agricultural Sciences Raichur, Karnataka, India	M.Sc. (Agriculture) in Agricultural Economics	2016-2018
• University of Agricultural Sciences Bengaluru, Karnataka, India	B. Sc. (Agriculture)	2012-2016

Additional Course:

- *Intermediate Development Economics* with Professor Johannes Haushofer at Stockholm University as part of the Remote Exchange Student program sponsored by the International Economic Association, Fall Semester 2021.

FELLOWSHIPS AND AWARDS

- Citation and Director's Gold medal for academic excellence in PhD from ICAR-National Dairy Research Institute
- First Best Paper Award from the Indian Dairy Association at the 50th Dairy Industry Conference, 2024
- Best PhD Thesis award 2021-22 (Social Science & Management Group) from ICAR-National Dairy Research Institute
- Best PhD presentation award (2nd Prize) at 81st Annual Conference of Indian Society of Agricultural Economics (ISAE), 2021
- R. T. Doshi Best Paper Presentation award (2nd Prize) at 28th Annual Conference of Agricultural Economics Research Association (AERA), 2020
- ICAR – National Dairy Research Institutional fellowship for Ph.D, 2018-2021
- ICAR – National Eligibility Test (NET) for Assistant Professor

- UGC – National Eligibility Test (NET) for Assistant Professor
- Best research poster presentation (2nd Prize) in Social Sciences at the 1st Post-Graduate Research Conference, UAS Raichur, 2018

FIELDS OF INTEREST

- Carbon credits from agriculture; Adoption; Impact evaluation; Agricultural policy evaluation; Livestock and dairy economics; Climate change mitigation and adaptation

PROFESSIONAL SERVICES

- Peer reviewer: *Agricultural Economics*, *Climate Policy*, *Annals of Public and Cooperative Economics*, *Humanities and Social Sciences Communications*, *Discover Sustainability*, *Frontiers in Sustainable Food Systems*, *Applied Economics*, *Cogent Food & Agriculture*, and *Agricultural Finance Review*
- Member, International Association of Agricultural Economists (IAAE), 2021-2022, 2024-2025.
- Life Member, Agricultural Economics Research Association (AERA)
- Life Member, Indian Society of Agricultural Economics (ISAE)
- Member, Indian Society for Plantation Crops, 2020
- Member, Society of Economics and Development, 2018-2019, 2022, and 2023

RESEARCH PROJECTS

- 2025-2026: Part of the Novo Nordisk Foundation-funded CropSustaiN BNI Wheat Mission.
- 2024: Principal Investigator (PI) of the CIMMYT Innovation Fund project titled “Carbon Farming in Kenya: Assessing Women's Participation, Gendered Impacts, and Best Practices for Global Application.”
- 2023-2024: Part of the CGIAR Initiative: Transforming Agrifood Systems in South Asia
- 2023-2024: Part of the CGIAR Initiative: Digital Innovation
- 2023-2024: Part of the socioeconomics research program, at ICAR-CIMMYT India- Socio-Economic Program, funded by the Indian Council of Agricultural Research (ICAR), New Delhi

PUBLICATIONS

JOURNAL ARTICLES

2025

- “On biodiversity-inclusive carbon crediting in agriculture: insights from crop residue burning.” (with Vijesh V Krishna, Ashiq Parambil-Peedika, Chima Rickards), *Environmental Research Letters*, November 2025.
- “Understanding farmers' trust in stakeholders of carbon credit projects: A perception-based analysis.” (with Vinaya Kumar Hebsale Mallappa, Sriharsha Gadde), *Current Research in Environmental Sustainability*, Volume 10, 100317, November 2025.
- “Agroecological impacts of crop residue burning: A qualitative systematic review of direct and inferred evidence.” (with Ashiq Parambil-Peedika, Alison Laing, Mahesh Kumar Gathala, Vijesh V. Krishna), *Science of The Total Environment*, Volume 994, 179963, September 2025.
- “Towards a Robust Voluntary Carbon Market for Agriculture in India”, *Economic & Political Weekly*, Volume 60, 7, February 2025.

2024

- “Seed Market Dynamics and Diffusion of Improved Wheat Varieties in Bihar, India: A Supply-Side Perspective.” (with Hari Krishnan Kala-Satheesh, Drisya Kuriyedath, Jesna Jaleel, Nihal E.

P. Rahman, Archana R. Sathyan, Vijayalaxmi D. Khed, Vijesh V. Krishna), *Agricultural and Food Economics*, Volume 12, 38, November 2024.

- “Carbon Farming in India: Are the Existing Projects Inclusive, Additional, and Permanent?” (with Vijesh V. Krishna), *Climate Policy*, Volume 25, No. 5, October 2024.
- “Evaluating the potential and eligibility of conservation agriculture practices for carbon credits” (with Noufa C. Konath, Tek B. Sapkota, Vijesh V. Krishna), *Scientific Reports*, Volume 14, 9193, April 2024.
- “Shaping India's climate future: A perspective on harnessing carbon credits from agriculture” (with Ananya Khurana, Dilip Kajale, Vijesh V. Krishna), *Outlook on Agriculture*, OnlineFirst, March 2024.

2023

- “Bearing fruit or falling flat? The story of contract farming in India” (with Manjisha Sinha, Sheela Kharkwal, Apoorva Srinivas), *Agricultural Economics Research Review*, Volume 36, No. 1, June 2023.
- “Consumer response to COVID-19 induced lockdown in India” (with Kamlesh Kumar Acharya, Chaitanya A Adhav, Sendhil Ramadas, and P Ramasundaram), *Indian Journal of Economics and Development*, Volume 19, No. 2, June 2023.

2022

- “Understating Emerging Value Chains and Business Performance: Evidence from Dairy Industry in India” (with A. K. Dixit, Smita Sirohi, K Ravishankar, Shiv Kumar, Gunjan Bhandari, A. K. Sharma, Amit Thakur, Gaganpreet Bhullar, Arti Thakur), *Journal of Agribusiness in Developing and Emerging Economies*, Volume 14, No. 3, November 2022.
- “Impact of COVID-19 on Onion prices and volatility across spatially separated markets of India: Evidence from Regression Discontinuity Design” (with Babita Kathayat and Darshnaben Mahida), *Indian Journal of Economics and Development*, Volume 18, No. 3, September 2022.
- “Do the prices of a preventive animal health product affect dairy farmers' willingness to pay and product use? Evidence from an experimental study” (with B. S. Chandel, Sendhil Ramadas, Anil Kumar Dixit, Gopal Sankhala, Veena Mani, and B. S. Meena), *Journal of Behavioral and Experimental Economics*, Volume 100, August 2022.
- “COVID-19 induced lockdown effects on agricultural commodity prices and consumer behaviour in India - Implications for food loss and waste management” (with Kamlesh Kumar Acharya, Chaitanya A Adhav, Sendhil Ramadas, and P Ramasundaram), *Socio-Economic Planning Sciences*, Volume 82, Part A, August 2022.
- “COVID-19 induced lockdown effect on wheat supply chain and prices in India – Insights from state interventions led resilience” (with Kamlesh Kumar Acharya, Chaitanya A Adhav, Sendhil Ramadas, P Ramasundaram, Anuj Kumar, Satyavir Singh, and GP Singh), *Socio-Economic Planning Sciences*, Online first, June 2022.
- “Anionic mineral mixture prevents milk fever and improves farmer income: evidence from a randomized controlled trial” (with B. S. Chandel, Gopal Sankhala, Veena Mani, Sendhil Ramadas, Anil Kumar Dixit and B. S. Meena), *Agricultural Economics Research Review*, Volume 35, No. 1, June 2022.
- “Biofortification in Wheat: Research Progress, Potential Impact, and Policy Imperatives” (with Sendhil Ramadas, P Ramasundaram, Vikas Gupta, K Gopalareddy, OP Gupta, Anuj Kumar, Satyavir Singh, and GP Singh), Working Paper, April 2022.
- “Dairy infrastructure development index: measuring regional inequalities across districts of Gujarat” (with Darshnaben P Mahida), *Indian Journal of Dairy Science*, Volume 75, No. 1, February 2022.

2021

- “An introduction to randomized evaluations and its application in agricultural economics”, *Agricultural Economics Research Review*, Volume 34, No. 2, December 2021.
- “Estimation of Economic Losses Due to Milk Fever and Efficiency Gains if Prevented: Evidence from Haryana, India” (with B. S. Chandel, Gopal Sankhala, Veena Mani, Sendhil Ramadas, Anil Kumar Dixit and B. S. Meena), Working Paper, May 2021.
- “Impact of COVID-19 on Indian Agricultural System: A 10-Point Strategy for Post-Pandemic Recovery” (with Kamlesh Kumar Acharya, Chaitanya A Adhav, Sendhil Ramadas, and P Ramasundaram), *Outlook on Agriculture*, Volume 50, No. 1, January 2021.

2018-2020

- “Choice of paddy marketing channel and its impact: evidence from Indian farm households” (with Manjisha Sinha), *Agricultural Economics Research Review*, Volume 33, No. 2, December 2020.
- “Interlink between factor and product markets: opportunity for the future of Indian agriculture” (with B. S. Chandel), *Agricultural Economics Research Review*, Volume 33 (Conference Number), December 2020.
- “Correlates and impact of crop insurance in India: evidence from a nationally representative survey” (with Darshnaben Mahida, Priyanka Lal and B. S. Chandel), *Agricultural Finance Review*, Volume 81, No. 2, August 2020.
- “Price analysis and forecasting for decision making: Insights from wheat markets in India” (with Babita Kathayat, S. Karthiga, and Sendhil Ramadas), *Indian Journal of Agricultural Sciences*, Volume 90, No. 5, May 2020.
- “Why are the pepper prices declining? An analysis of changing production and trade scenario in India” (with B. S. Chandel), *Journal of Plantation Crops*, Volume 48, No. 1, April 2020.
- “Local Dairy Supply Chains: A profitability Analysis in Haryana” (with Amit Thakur, Anil Kumar Dixit, Kamlesh Kumar Acharya, and Tulika Kumari), *Indian Journal of Economics and Development*, Volume 16, Conference No., February 2020.
- “Why Do Farmers Opt for Crop Insurance? A Discriminant Analysis” (with G. B. Lokesh, Amrutha T. Joshi, B. S. Reddy and B. Hulagur), *Indian Journal of Economics and Development*, Volume 15, No. 4, December 2019.
- “Universal Basic Income for India: The Way towards Right to Equality - A Review” (with Apoorva Srinivas), *Indian Journal of Economics and Development*, Volume 15, No. 1, April 2019.
- “Performance of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Hyderabad-Karnataka (H-K) region” (with G. B. Lokesh, Amrutha T. Joshi, B. S. Reddy and B. Hulagur), *Journal of Farm Sciences*, Volume 31, No. 4, December 2018.

BOOK CHAPTER

- 2022 Impact Assessment: An Overview of Methodological Approaches, in *Advances in Agricultural Extension Research*. Compendium of training lectures in the ICAR-Winter School on Advances in Agricultural Extension Research, ICAR-NDRI, Karnal
- 2020 Randomized Control Trials for Social Science Research, in *Manual on Advanced Research Methodology for the Social Sciences*, ICAR- Research Complex for North Eastern Hill Region, Umiam, Meghalaya.

TECHNICAL REPORT

- 2025 *Impact pathways for the adoption of biological nitrification inhibition (BNI) wheat: a scoping study* (with Narmandakh, D., Kirui, L., Marenja, P. P., Ayana, N. G., Gimenez Barrera,

A., Birru, T. M., Debello, M. J., Feyisa, T. G., Gichangi, A., Karanja, J., Kosgey, Z. C., Kumar, A., Mishra, C. N., Otukho, B., Sohu, V.S., Yadav, R., & Kommerell, V), CIMMYT.

- 2025 Agrobiodiversity impacts matter in crop residue management policies (with Ashiq Parambil-Peedika, Alison Laing, Mahesh K. Gathala, and Vijesh V. Krishna), Policy Brief, CIMMYT.
- 2024 The digital landscape in Eastern India: Findings from the digital needs assessment surveys from Bihar and Odisha, India (with Vijayalaxmi Khed, Niyati Singaraju, Hom Gartaula), CGIAR Initiative on Digital Innovation.
- 2023 Carbon farming in India: Case studies from Maharashtra and Telangana (with Ananya Khurana and Banda Sainath), TAFFSA Research Note 10, Transforming Agrifood Systems in South Asia (TAFSSA).
- 2023 Improving the resilience of the agricultural sector to external shocks: The impact of the COVID-19 pandemic on the dairy industry with reference to India (with Upali Wickramasinghe, G. A.), FAO Commodity and Trade Policy Research Working Paper, No. 57, FAO, Rome.
- 2021 National Webinar on Marketing of Agricultural Commodities: Challenges & Opportunities, January 12-14, 2021, Division of Dairy Economics, Statistics & Management, ICAR-National Dairy Research Institute Karnal-132001, Haryana.

POPULAR ARTICLES

- “Ensure safeguards for India’s carbon market” (with K. S. Aditya), [The Hindu](#), October 2025.
- “Crop burning’s biodiversity crisis” (with Ashiq Parambil-Peedika and Vijesh V. Krishna), [The Hindu BusinessLine](#), August 2025.
- “Strengthening the roots of an agri-carbon market” (with Vijesh V. Krishna), [The Hindu](#), December 2024.
- “Farming carbon credits” (with Pratap S. Birthal), [The Hindu BusinessLine](#), November 2023.
- “Understanding carbon credits from agriculture”, [AES A Blog](#), October 2023.
- “Milking the cash cow with carbon credits” (with Bishwa Bhaskar Choudhary), [The Tribune](#), August 2023.
- “Unlocking Rural Industrial System” (with Neelam Patel and Tanu Sethi), [Kurukshetra: A Journal on Rural Development](#), August 2022.
- “Contract Farming: Success Story of a Dairy Entrepreneur in Haryana” (with S. R. Shyam Suraj), [Indian Dairyman](#), Volume 73, No. 7, July 2021.

INVITED LECTURES/PRESENTATIONS

Year	Presentation/Lecture title	Event
2026	Agricultural Carbon Credit Projects in India: Evidence, Challenges, and Pathways for Credible Implementation	International Workshop: Empowering Early Career Researchers in Advancing Climate-Resilient Agriculture Research and Collaboration, 5-9 January 2026, KSNUAHS, Shivamogga
2025	Plenary session - ‘Financing transition to Sustainable and Regenerative Agriculture.’	Food Systems Summit India 2025: Marketplace for ideas, 16-17 December 2025, FOLU, New Delhi
2025	Barriers and Levers for Scaling Agricultural Carbon Credits in India	National Workshop for Future Farming: Leveraging Carbon Markets for Climate Resilience, 6-7 November 2025, MoA&FW and ADB, New Delhi
2025	Realizing potential benefits from Voluntary Carbon Markets in agriculture	Brainstorming Session on Climate Science Delivery: Reaching the Unreached (19 Jul), ICAR-CRIDA, Hyderabad
2025	Unlocking Carbon Credits in the AFOLU Sector: Case Studies and Pathways for Scalable Action	National Level Consultative Workshop on “Climate Proofing of Villages through Mahatma Gandhi NREGS” (26-27 Mar), Centre for Natural Resource

		Management, Climate Change & Disaster Mitigation, NIRDPR, Hyderabad
2025	Carbon Credit Markets: Opportunities and Challenges	Workshop on “Role of PRIs in Financing Climate Resilient Food Systems” (11 Mar), The Centre for Agrarian Studies, NIRDPR, Hyderabad
2025	Potential and mechanisms for harnessing the carbon credit benefits to incentivize farmers towards adopting climate-smart agriculture practices	International Training Program on Systems Approach and Tools to Support Investment Decisions for Scaling Climate Resilient and Sustainable Farm and Food Systems (22 Jan), ICRISAT, Hyderabad
2024	Coupling CA with carbon credits: what works and what doesn't?	13th Advanced course on Conservation Agriculture/Regenerative Agriculture, BISA Ludhiana
2024	The role of carbon markets in incentivizing sustainable soil management in South Asia.	International Conference on Soil fertility and precision nutrient management (30 Sep-2 Oct), Kathmandu
2024	Climate finance to incentivize sustainable agriculture for reducing GHG emissions from agri-food systems	Food Systems Summit: Marketplace for Ideas (15-17 October), New Delhi
2024	Carbon farming: potential and status in India	College of Post Graduate Studies in Agricultural Sciences, CAU Imphal (15 July)
2024	Status of Carbon Farming in India	Brainstorming workshop on Carbon trading in agriculture (16 Jan), New Delhi
2023	Coupling Carbon Credits with Conservation Agriculture: What Works, What Does Not?	12th Advanced Course on Conservation Agriculture (12 Dec), BISA Jabalpur
2023	Carbon credits from agriculture	National Seminar on Indian Agriculture @75 – Achievements, Challenges, and Way Forward (20 July)