

Dr. Durga A.R.

Assistant Professor

Department of Agricultural
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Summary

I completed by Ph.D. degree from Tamil nadu Agricultural University in 2015 wherein I worked on “Water Institutions, Transaction Cost and Efficiency: An Economic Inquiry into Canal Water User Associations in Kerala”. I have worked on microirrigation as a reserach associate focussing on adoption of microirrigation and identifying various indictors for monitoring and evaluation of Micro Irrigation Policy in Karnataka. I have also worked on price behavior of perishable commodities like onion and tomato and how suitable market intervention could be implemented to reduce volatility. My research interest are in the areas of water economics, natural resource and environmental economics.

Experience

- Joined Kerala Agricultural University as Assistant Professor (Agricultural Economics) in the year 2019.
- Research associate in the project entitled “Implementation Roadmap for Karnataka Micro Irrigation Policy” in Institute for Social and Economic Change (ISEC), Bengaluru for three months during 2015

Education

- Graduated in Agricultural Science from Kerala Agricultural University (2009)
 - Post Graduation in **Agriculture (Agricultural Economics)** from Tamil Nadu Agricultural University, Coimbatore (2012)
 - Ph.D in in **Agriculture (Agricultural Economics)** from Tamil Nadu Agricultural University, Coimbatore (2015)
 - Postdoctoral training/Visiting fellow at Indian Statistical Institute, Bengaluru Centre for one year three months (2018 to 2019)
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Area of Specialization

Natural Resource and Environmental Economics

Awards & Recognitions

- ICAR Junior fellowship for doing M. Sc in Agricultural Economics
 - INSPIRE (Innovation in Science Pursuit for Inspired Research) fellowship for Doctoral programme in Science and Technology to First Rank Holders of the University under Assured Opportunity for Research Careers (AORC) by Department of Science and Technology (DST), India
 - Dr. Peter **Hazell Award for the** best research paper award for paper published in Agricultural and Natural Resource Economics during Post Graduate Programme
 - Dr. N.A. Mujumdar Prize Award : The best presentation award in 77th Conference of Indian Society of Agricultural Economics held at College of Post Graduate Studies, Umiam from October 12-14, 2017 for the theme “Input Delivery System including Irrigation and other Services and their Efficiency-Role of Financial Sector”
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Research Projects

Project Director under Network project entitled “Assessing the Impact of PM Krishi Sinchai Yojana on Water Productivity in Paddy Cultivation: Empirical Evidence from Dynamic Agro-climatic Regions across South Indian States” under Special Call for Short-term Empirical Research 2023-24 funded by ICSSR

As Co-PI in Network project on ‘Quantitative assessment of post- harvest losses in the value chain of selected horticultural crops of Kerala’ funded by planning Board , Kerala

As Co-PI in Network project on ‘Development of a Model for Supply Chain Management of small holder vegetable farmers in kerala’ funded by Planning Board.

Publications

Journal Articles

N Arshad, Aswathy Vijayan, T Paul Lazarus, **AR Durga**, A Suresh and Pratheesh P Gopinath 2023. "Risk Perception of Pineapple Farmers in the Context of Covid-19 in Kerala" Asian Journal of Agricultural Extension, Economics & Sociology 41 (2), 38-46

Akhila, V., **Durga A.R.**, Paul Lazarus, T., Vijayan, A, Shruty, O.N., Gopinath, P.P. 2022. Constraints faced by officials and farmers in implementing vegetable development programme International Journal of Social Sciences. 11(04)_233-235.

V. A. Jerin , T. Paul Lazarus, S. Gopakumar, **A. R. Durga**, M. A. Nishan and Pratheesh P. Gopinath, Role of Non-Timber Forest Products in Income Generation of the Tribal Population: A Review (2022), Asian Journal of Agricultural Extension, Economics & Sociology, 40(11): 285-294

Durga A.R., K.Chandran, D.Suresh Kumar. 2018. Canal Irrigation and Collective Action: The Case of Water User Associations in Southern India. *Indian Journal of Agricultural Economics*. 73(1).133-148

Durga A.R., K.Chandran, D.Suresh Kumar. 2017. Costs and Benefits of Collective Action; an Economic Inquiry into Canal Water Institutions in Kerala. *Indian Journal of Agricultural Economics*. Conference number 72(3).251-262

A Surendran, S J Balaji, N Periasami, S Senthil Kumar, **A R Durga**. 2016. Farmers Adaption Strategies in the Climate Vulnerable Agro- Climatic Zones of Tamil Nadu, India. *Indian Journal of Ecology*. 43(2):477-481.

Reports

Contributed for *Price Volatility: Onion, Tomato and Potato* in the Project entitled “A Study on Strengthening Post –Production Management and Enhancing Agri-Commodity Commercialization” by Department of Agriculture, Cooperation and Farmers’ Welfare (Policy Division), Ministry of Agriculture and Farmers’ Welfare, Government of India entrusted to M. S. Swaminathan Research Foundation (MSSRF), Chennai.

Oral presentation

“Price Volatility: Evidence from Selected Onion Markets in India”. 78th Annual Conference of the Indian Society for Agricultural Economics, NAASC, New Delhi, November 1-3, 2018

“Costs and Benefits of Collective Action; an Economic Inquiry into Canal Water Institutions in Kerala”. 77th Annual Conference of the Indian Society for Agricultural Economics, Central Agricultural University, Imphal, October 12-14, 2017

Popular Articles

Durga, A.R. And Swaminathan M. 2018. A Note on Farm Harvest Prices. Available at <http://fas.org.in/blog/a-note-on-farm-harvest-prices/>

Books/Chapters

Processing and Value addition of horticultural crops in Kerala. 2022. Director, ICAR-CIPHET, Ludhiana

Student Guidance (Major Advisor/ Advisory Committee member)

M. Sc.

Within KAU: Completed: 2

Membership in Professional Associations

1. Life Membership in Indian Society of Agricultural Economics
2. . Life Membership in Agricultural Economics Research Association
3. Life Membership in Indian Society of Ecological Economics