BRIEF PROFILE



15.04.2024

Name of the Scientist	Dr Balasubramanian Mohan
Designation	Senior Scientist
Personal Information	
	Date of birth: 05/05/1986 Email: bala.sbrmnn@gmail.com Telephone No. (O): Mobile No: 8008420230
Educational Qualification	Ph.D. Agricultural Economics
Discipline	Agricultural Economics
Date of joining in ICAR	01.01.2016
Service Particulars	Scientist (2016-2019, ICAR-IARI, New Delhi); Scientist Sr. Scale (2020-2024, ICAR-IARI, New Delhi) Sr. Scientist (2024- October 2026, ICAR-IARI, New Delhi) Sr. Scientist (October 2026 ICAR-NIRCA, RS, Vedasandur, Tamil Nadu)
Areas of expertise for consultancy purpose (3 bullets)	• Market institutions (FPO, e-NAM, etc..,) and Value chain and Supply chain analysis • Natural Resource Economics • Valuation of Ecosystem services
Research Publications (top 10 published in scientific journals with NAAS rating)	• Ghosh-Jerath S, Kapoor R, Srivastava R, Jadhav K, Ghosh A, Nair SC, Singh A, Shankar M, Downs S, DeFries R, Ghosh U, Barua S, **Mohan B,** Singh G. ChAracterizing, Revlving, Supporting, Monitoring and MAnaging sustainable food systems to address malnutrition in Indigenous tribal communities (CARISMMA): exploring food systems and its drivers to develop multisectoral data-driven solutions. A study protocol. BMC Public Health. 2026 Apr 29;26(1):1856. doi: 10.1186/s12889-026-27030-y. PMID: 42056960; PMCID: PMC13255338. • **Balasubramanian M**. , P. Venkatesh , Renjini V.R. , Asha Devi S.S. , Anbukkani, P. and Niranjan, S.(2024) Status and Performance of Farmer Producer Organization (FPO) in Maharashtra: A Case Study of Pulses, Indian Journal of Economics and Development, 20(4), 760-767 • Adrita Dam*, Harbir Singh, Nithyashree M L, **M Balasubramanian***, P Venkatesh, Sumit Sutradhar, Shubho Paul and Pramod Kumar, (2024), Impact of e-NAM on agricultural trade and price realization: A longitudinal analysis, *Agricultural Economics Research Review*, 37 (Conference Number), 53-61 DOI: 10.5958/0974-0279.2024.00027.X • Thanaraj Kingsly, **Balasubramanian Mohan**, Arivelarasan, Tamilarasu, Pandey, Santkumar (2024), Water withdrawal and sustainability concerns in sugarcane cultivation in Western India – An application of SURE model, *Irrigation and Drainage*, 74(1):1-15, DOI: 10.1002/ird.3014 • K. N. Ravi Kumar, M. J. Mohan Reddy, K. Viswanatha Reddy, Venkatesh Paramesha, **M. Balasubramanian,** T. Kiran Kumar R. Mohan Kumar and D. Damodar Reddy (2022) Determinants of climate change adaptation strategies in South India: Empirical evidence, *Frontiers in Sustainable Food Systems*, Volume 7 – 2023, https://doi.org/10.3389/fsufs.2023.1010527

	• Naveen Kumar Naik, P Venkatesh, DR Singh, Alka Singh, GK Jha, V Sangeetha, DK Sharma, **M Balasubramanian** (2024) Performance of human wildlife conflicts compensation scheme in Karnataka, India, *Current Science*, (00113891), 2024, Vol 126, Issue 4, 10.18520/cs/v126/i4/434-441 • T. Arivelarasan, V.S. Manivasagam , V Geethalakshmi, K Bhuvaneswari, N.Kiruthika, **M. Balasubramanian**, R Gowtham, M Raveendran (2023) How far will climate change affect future food security? An inquiry into the irrigated rice system of peninsular India, *Agriculture* 2023, *13*(3), 551; https://doi.org/10.3390/agriculture13030551 • R K Paul, Md. Yeasin, Pramod Kumar, Prabhakar Kumar**, M. Balasubramanian**, H. S. Roy, A. K. Paul and Ajit Gupta (2022) Machine learning techniques for forecasting agricultural prices: A case of brinjal in Odisha, India, *PLOSONE*, July 6, 2022 https://doi.org/10.1371/journal.pone.0270553 • **Balasubramanian M**, Krishna Reddy K, Anbukkani, P and Nithyashree M. I and T.Arivelarasan (2019) Adaptation and impact of water saving technologie in NSP of Andhra Pradesh, *Agricultural Economics Research Review*, vol.32, no.2, June- December 2019 • K.R.Kakumanu, K. Yella Reddy, **M. Balasubramanian**, U.S.Nagothu, K. Sunitha (2018) Adaptation to climate change: Impact of Capacity Building, India, *Journal of Irrigation and Drainage*, 68:50–58 (2019), DOI: 10.1002/ird.2275 • K Praveena, A Malaisamy, Raswantkrishna M, **Balasubramanian M** and Pramod Kumar (2025), Supply chain and market dynamics of GI Kodaikkanal Malai Poondu: A Socio-economic and medicinal perspective, *Plant Science Today*, http://doi.org/10.1479/pst5825
Awards/ Honours/ Recognitions (in bullets)	Received ICAR technology certificate for SAM model application on the Indian Economy
	Received Dr. N. A. Majumdar best paper award for the presentation on "Impact of pesticide residue on India-EU agricultural trade: Evidence and implications" in the 84th Annual Indian Society of Agricultural Economics conference held on 11-13, Nov 2024 at PAJANCOA, Puducherry
	Received **Registration grant** from the International Association of Agricultural Economists (IAAE) to participate the Virtual 31st Triennial International Conference of Agricultural Economists scheduled from 17 to August 31, 2021.
	International Commission on Irrigation and Drainage (ICID) Best paper award, 71st IEC meeting, New Delhi (virtual) - 2020
	Dr. R.T. Doshi First Prize for the best paper 'Structural transformation, export promotion policy options, and their impact on the Indian economy: a social accounting matrix (SAM) approach' published in volume 33 (2020) of the Agricultural Economics Research Review.
	Dr.N.A.Majumder Prize Award for Best Paper presentation by Indian Society of Agricultural Economics (IASE), Mumbai