

Research Publication in Peer-Reviewed Journals (2017-18)

1. Pavithra, S., Jumrani, J. and Pal, S. (2017) Role of optimal fertiliser use in boosting farm income. *Indian Journal of Fertilisers*, 13(12), 16-24.
2. Mittal, S., Subash, S.P, and Hariharan, V.(2017) Price volatility of Maize in India: Do international markets affect? *Indian Journal of Agricultural Marketing*, 31(2), 42-51.
3. Anbukkani, P., Balaji, S.J. and Nithyashree, M.L. (2017) Production and consumption of minor millets in India-A structural break analysis, *Annals of Agricultural Research*, 38(4), 1-8.
4. Vinayak N., and Kumar, S., (2017) Agriculture and Extension Policies in India: Connect and Disconnect with Nutrition. *Indian Journal of Nutrition*. 4 (2), 161.
5. Navghan, M., Kumar, N.R., Prakash, S. and Sharma,R.(2017)AnEmpiricalAssessment of Seafood Export Performance and Competitiveness in Gujarat, India, *Asian Journal of Agricultural Extension, Economics& Sociology*, 21(3), 1-11.
6. Das, A. and Kumar, N.R. (2017) Impacts of Capture Fishery on Income and Its Equity among Fisher Households' of Tripura, *Indian Journal of Hill Farming*, 30(02), 290-294.
7. Gawa, S., Kumar, N.R., Mahida ,N., Hoilenting, Vinay A. and Hatte,V.M. (2017) A Study on Consumption Pattern of Trout in Kashmir Valley, India, *Int. J. Pure App. Biosci.* 5 (4), 290-299.
8. Gawa, S., Kumar, N.R., Mahida,N., Hatte, V.M. and Vinay A. (2017) A Study on Marketing Cost, Margin, Price Spread and Efficiency of Fish Marketing in Unregulated Fish Markets in Srinagar, Jammu and Kashmir, *International Journal of Pure App. Biosci.* 5 (4), 300-308.
9. Hatte, V. M., Prakash, S., Krishnan, M., Kumar, N.R., Gawa, S. and Patil, S.V. (2017) Efficiency and Performance of Inland Fish Markets in Nanded District of Maharashtra: A Supply Chain Approach, *Int. J. Pure App. Biosci.* 5 (4), 1936-1944.
10. Navghan, M., Kumar, N.R., Gawa, S. and Hoilenting (2017) Value Chain Analysis of Farmed Shrimp in Navsari District of Gujarat, *Int. J. Pure App. Biosci.* 5 (6), 352-357.
11. Balaji, S.J. (2018) Structural Breaks, Yield Plateaus and Long Run Yield Trends in Indian Crop Sector, *Indian Journal of Economics and Development*, 14(1), 35-44.
12. Balaji, S.J., Arivelarasan, T., Surendran, A., and Anbukkani, P. (2017) Pattern, Expenditure and Inequality in Food and Non-Food Consumption among Rural Households-A Micro Level Study in Tamil Nadu, *Indian Journal of Economics and Development*, 13(1), 105-110.

13. Chand, P. Rao, S.C., Subash, S.P., and Malangmeih, L. (2018) Non-Farm Employment and Implication on Agriculture Sector in Rural India. *Indian Journal of Economics and Development*, 14 (1a), 283-292.
14. Jagadambe, S., Shiji, C.P., Subash, S.P., and Balaji, S.J. (2018) Effect of Non-farm Employment on Farm Commercialization in Agricultural Households in Rural India. *Indian Journal of Economics and Development*, 14 (1a), 298-303.
15. Reddy, V. and Immanuelraj T.K. (2017) Area, Production, Yield Trends and Pattern of Oilseeds Growth in India, *Economic Affairs*, 62(2), 327-334.
16. Singh J, Srivastava, S K, Kaur A, Jain R., Kingsley I., Raju, S.S, Kaur, P (2017) Farm size efficiency relationships in Punjab Agriculture: Evidences from Cost of Cultivation Survey, *Indian Journal of Economics and Development*, 13(2a), 357-362.
17. Anuja, A., Yadav, V.K., Krishnan, M., Ananthan, P.S., Ramasubramanian, V., Kumar, N.R. and Madan, M.S. (2017) Trends in marine fish production in Tamil Nadu using Regression and Autoregressive Integrated Moving Average (ARIMA) model. *Journal of Applied and Natural Science*, 9(2), 653 - 657.
18. Gawa, S., Kumar, N.R., Prakash, S., Yadav, V.K., Hatte, V.M. and Mahida, N. (2017) Economic analysis of trout feed production in Jammu and Kashmir, India, *Journal of Applied and Natural Science*, 9 (4), 2385 – 2390.
19. Balaji, S.J. and Pal, S. (2017) Does ‘Space’ Have a Say on Agricultural Households Income Choices? *Indian Journal of Ag. Econ.*, 72(3), 312-325.
20. Gawa, S. and Kumar, N.R. (2017) Economics and Factors Affecting Rainbow Trout (*Oncorhynchus mykiss*) Production in Kashmir. *Indian Journal of Ag. Econ.*, 72(2), 166-176.
21. Jain, R., Chand, R., Singh A. (2017) Total Factor Productivity Growth in Indian Crop Sector, *Indian Journal of Ag. Econ.*, 72(4), 535-554.
22. Pal, Suresh (2018) Input Delivery System in Agriculture Including Irrigation and Other Services and their Efficiency: The Role of Finance Sector, *Indian Journal of Ag. Econ.*, 73(1), 77-79.
23. Gawa, S., Kumar, N.R., Mahida, N. and Hatte, V.M. (2017) Livelihood Option through Trout Seed Production in Jammu and Kashmir: An Economic Analysis, *Fishery Technology* 54, 209-214.
24. Jeyanthi, P., Chandrasekar, V., Ashok, A., Nair, V.R., Thomas, K.J., Jos, K.D. and Gopal, N. (2018) Institutional development and efficiency of fishermen co-operatives in marine fisheries: A case study from Kerala. *Fishery Technology*, 55, 79-85.

25. Nisar, U., Kumar, N.R., Kumar, D.K., Gawa, S. and Anamika, S. (2018) Profitability, Investment Pattern and Constraints of Major Marketing Intermediaries Involved in Supply Chain of Exotic Carps in Jammu and Kashmir, India, *International Journal of Current Microbiology and Applied Sciences*, 7(02), 3130-3143.
26. Jain R, Kingsley I, Chand, R., Kaur, A., Raju, S S, Srivastava, S K, Singh J (2017) Farmers and Social Perspective on Optimal Crop Planning for Ground Water Sustainability: A Case of Punjab State in India, *Journal of Indian society of Agricultural Statistics*, 71(1), 2017, 75-88.
27. Balaji, S. J., Kishore, P., Saxena, R., Singh, N.P., and Franco, D. (2017) Technology-Policy Tradeoff in Doubling Farmers' Income: A Case Study on Pulses. *Ag. Econ. Research Review*, 30, 117-126
28. Jumrani, J. (2017) Inter-temporal and Spatial Changes in Nutritional Insecurity in India. *Ag. Econ. Research Review*, 30(2), 187-199.
29. Kumar, S., Kingsly, T., Vinayak, N., Balaji, S.J., Vister, J., Ahmad, S.S. and Kumar, A. (2018) An Econometric Analysis of Structural Factors of Pulse Production in India: The Case of Chickpea in Maharashtra. *Ag. Econ. Research Review*, 29, 200.
30. Nedumaran, S. and Singh, N.P. (2017) Trade-offs between non-farm income and on-farm soil and water conservation investments of smallholder farmers in the semi-arid tropics of India. *Ag. Econ. Research Review*, 30(1), 47-56.
31. Nisar, U., Kumar, N.R., Yadav, V.K., Sivaramane, N., Prakash, S. and Qureshi, N.W. (2017) Economics and Resource-use Efficiency in Exotic Carp Production in Jammu & Kashmir, *Ag. Econ. Research Review*, 30 (2), 305-311.
32. Pavithra, S., Mittal, S., Bhat, S.A., BIRTHAL, P.S., Shah, S.A. and Hariharan, V. (2017) Spatial and temporal diversity in adoption of modern wheat varieties in India. *Ag. Econ. Research Review* 30(1), 57-72.
33. Saxena, R., Singh, N.P., Balaji, S.J., Ahuja, U., Kumar, R., and Joshi, D., (2017) Doubling Farmers' Income in India by 2022-23: Sources of Growth and Approaches, *Ag. Econ. Research Review*, 30(2), 59-76.
34. Saxena, R., Singh, N.P., Choudhary, B.B., Balaji, S.J., Paul, R.K., Ahuja, U., Joshi, D., Kumar, R., Khan, A., (2017) Can Livestock Sector be the Game Changer in Enhancing the Farmers' Income? Reinventing Thrust with Special Focus on Dairy Sector, *Ag. Econ. Research Review*, 30, 265-277.
35. Jaybhay, S.A., Taware, S.P., Varghese, P., Nikam V.N. (2017) Soybean cultivation by farmers of Maharashtra: Identification and analysis of the problems. *Legume Research*. DOI: 10.18805/lr.v0i0.7842.

36. Anuja, A., Yadav, V.K., Krishnan, M. and Kumar, N.R. (2018) Catch rates and sustainable yield of Hook and Line Fishery- A Case Study of Kombuthurai village of Thoothukudi district of Tamil Nadu. *Indian Journal of Geo-Marine Science* 47(02), 489-497.
37. Radhakrishnan, K., Prakash, S., Narayanakumar, R., Krishnan, M., Madan, M. S. and Kumar, N.R. (2018) Economic analysis of marine fishing crafts in Thoothikudi province, Tamil Nadu, *Indian Journal of Geo-Marine Science* 47(03), 653-659.
38. Sendhil, R., Ramasundaram, P., and Balaji, S. J. (2017) Transforming Indian agriculture: is doubling farmers' income by 2022 in the realm of reality? *Current Science*, 113(5), 848-850.
39. Srivastava S.K, Chand R, Singh J, Kaur, A., Jain R., Kingsley, I and Raju, SS (2017) Revisiting groundwater depletion and its implications on farm economics in Punjab, India, *Current science*, 113(03), 422-429.
40. Balaji, S.J., Jhahria A., Kumar S., Immanuelraj, T.K. and Kar, A. (2017) Agriculture–nutrition linkages: A preliminary investigation for rural India, *Outlook on Agriculture*, 46(4), 302-308.
41. Singh, N.P., Anand, B. and Khan, M.A. (2018) Micro-level perception to climate change and adaptation issues: A prelude to mainstreaming climate adaptation into developmental landscape in India. *Natural Hazards*, 1-18. <https://doi.org/10.1007/s11069-018-3250-y>.
42. Vatta, K., Sidhu, R. S., Lall, U., BIRTHAL, P. S., Taneja, G., Kaur, B., Devineniand, N. and Alister, C. M. (2018) Assessing the economic impact of a low-cost water-saving irrigation technology in Indian Punjab: the tensiometer. *Water International*.
43. Jumrani, J. and BIRTHAL, P.S. (2017) Does consumption of tobacco and alcohol affect household food security? Evidence from rural India. *Food Security*, 9(2), 255-279. DOI: 10.1007/s12571-017-0660-8.
44. Aditya, K. S., Subash, S. P., Praveen, K.V., Nithyashree, M.L., Bhuvana N and Sharma, A. (2017) Awareness about Minimum Support Price and Its Impact on Diversification Decision of Farmers in India. *Asia and The Pacific Policy Studies*, 4(3), 514-526.
45. BIRTHAL, P.S., and Joshi, P.K. (2017) Agricultural Value Chain Finance in India: Issues and Implications. *Journal of Responsible Finance*, 4,19-28.
46. Chand, S., Naryan, P. and Chaudhary, K.R. (2017) Sources of risks in livestock production and their management strategies in northern India, *Indian Journal of Livestock Sciences*, 88 (5), 612–619.

47. Gawa, S. and Kumar, N.R. (2017) Marketing of Trout- A Case Study of Kashmir Valley, India, *Journal of Natural Resource and Development*, 12(2), 39-42.
48. Mugaonkar, P., Kumar, N.R., Shelar, G., Polanco, J. F., Ramsubramanian, V. and Biradar, R. S. (2017) A Case Study on the Non-price Factors and Consumer Behaviour for Pangasius (*Pangasianodon hypophthalmus*) (Valenciennes, 1840) Consumption in Pune City, India *Fishery Technology*, 54, 279-286.
49. Siddiqui, M. Z., Donato, R. and Jumrani, J. (2017) Looking Past the Indian Calorie Debate: What is Happening to Nutrition Transition in India. *The Journal of Development Studies*, DOI: 10.1080/ 00220388.2017.1408798.
50. Subash, S.P., and Jabir, A. (2018) Correlates of Agrarian Indebtedness among agricultural households in Rural India. *Journal of Agribusiness in Developing and Emerging Economies*.
51. Venkatesh P., Nithyashree, M. L. and Pal, S. (2017) Indian Seed Industry in the Era of Intellectual Property Rights. In Suresh Pal (Ed.) *Agricultural R&D Policy in India*, National Institute of Ag. Econ. and Policy Research, 73-100.