

Research Publication in Peer-Reviewed Journals (2018-19)

1. Nikam, V., Anil, R., Chinchmalatpure, G., Rao, G., Kad, S. and Sharma, D.K. (2018) Farmers perception, economic viability and constraints in desi cotton cultivation in dryland salinity of Gujarat. *Journal of Soil Salinity and Water Quality*, 10(1): 118-125.
2. Pal, Suresh (2018) Input Delivery System in Agriculture Including Irrigation and Other Services and their Efficiency: The Role of Finance Sector, *Indian Journal of Agricultural Economics*, 73(1), 77-79.
3. Prakash, P., Jaganathan, D., Sivakumar, P.S., Sheela, I., Kishore, P. and Kumar, P. (2018) Does APMC market increase farmer's income? Evidence from value chain analysis of sweet potato in Karnataka, India. *Indian Journal of Agricultural Economics*, 73(3): 342-357.
4. Subash, S.P., Aditya, K.S. and Srinivas, A. (2018) Willingness to pay for participation in community based programme: A case of seed self-help group in Uttar Pradesh. *Indian Journal of Agricultural Economics*, 73(30): 386-398.
5. 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.
6. Kumar, S., Jain, R., Jhajhria, A., Bangararaju, S.V. and Balaji, S.J. (2018) Has demonetization triggered farmers to move towards cashless transactions? *Indian Journal of Agricultural Research*, 52(3): 305-309.
7. 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. *Agricultural Economics Research Review*, 29, 200.
8. Mittal, S., Hariharan, V. and Subash, S.P. (2018) Price volatility trends and price transmission for major staples in India. *Agricultural Economics Research Review*, 31(1), 65-74.
9. Pavithra, S., Boeber, C., Shah, S.A., Subash, S. P., BIRTHAL, P.S. and Mittal, S. (2018) Adoption of modern maize varieties in India: Insights based on expert elicitation methodology. *Agricultural Research*, 7(4): 391-401.
10. Pavithra, S., Gracy, C.P., Saxena, R. and Patil, G.G. (2018) Innovations in agricultural marketing: A case study of e-tendering system in Karnataka, India. *Agricultural Economics Research Review*, 31(1): 53-64.
11. Singh, N.P., Bisen, J., Venkatesh, P. and Aditya, K.S. (2018) GST in India: Reflections from food and agriculture. *Agricultural Economics Research Review*, 31(2): 175-185.

12. Chand, P., Sirohi, S., Saxena, R. and Mishra, A. (2018) How profitable is dairying in tribal Chhattisgarh? *Indian Journal of Animal Sciences*, 88(6): 749–754.
- Jain, R., Malangmeih, L., Raju, S.S., Srivastava, S.K., Kingsly, I. and Kaur, A.P. (2018)
13. Optimization techniques for crop planning: A review. *Indian Journal of Agricultural Sciences*, 88(12): 1826-1835.
14. Kumar, S., Kumar, S., Chahal, V.P. and Singh, D.R. (2018) Trends and determinants of crop diversification in Uttar Pradesh. *Indian Journal of Agricultural Sciences*, 88(11): 1704–1708.
- Kumara, K.T.M., Kumar, S., Singh, D.R. and Kingsley, I. (2018) Participation in community
15. based tank irrigation system in a rainfed region of India. *Indian Journal of Agricultural Sciences*, 88(4):596-600.
- Vatta, K., Sidhu, R. S., Lall, U., BIRTHAL, P. S., Taneja, G., Kaur, B., Devineniand, N. and
16. Alister, C. M. (2018) Assessing the economic impact of a low-cost water-saving irrigation technology in Indian Punjab: the tensiometer. *Water International*.
- Singh, S., Singh, L.B., Singh, D.R., Chand, S., Ahmed, S.K.Z., Singh, V.N. and Roy, S.D.
17. (2018) Indigenous underutilized vegetables for food and nutritional security in an island ecosystem. *Journal of Food Security*, 10(5): 1173–1189.
- Singh, N.P., Anand, B. and Khan, M.A. (2018) Micro-level perception to climate change and
18. 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>.
- Singh, N.P., Anand, B. and Khan, M.A., (2018) Micro-level perception to climate change and
19. adaptation issues: A prelude to mainstreaming climate adaptation into developmental landscape in India. *Natural Hazards*, 92(3): 1287-1304.
- Negi, D.S., BIRTHAL, P.S., Roy, D. and Khan, M.T. (2018) Farmers' choice of market channels
20. and producer prices in India: Role of transportation and communication networks. *Food Policy*, 81:106-121.
- Dalwai A., Saxena R., Pal, Suresh., Kohli P. and Khan M. A. (2019). Productivity
21. enhancement and redesigning crop geometry to meet ecosystem needs and farmers' welfare: Rationale and approach. *Agricultural Situation in India*, 76(5):23-38.
- Balaji, S.J. and Srivastava, S.K. (2019). Inter and intra sectoral wage determinants in Indian
22. casual-labor market: Agricultural and structural change implications. *Statistics and Applications*, 17(1): 261-274.
23. BIRTHAL, P.S. (2019) From food security to farmers' prosperity: Challenges, prospects and way forward. *Indian Journal of Agricultural Economics*, 74(1): 78-95.

- Kiran T.M.K., Kandpal, A. and Pal, Suresh. (2019). Determinants and impacts of conservation agriculture in South Asia: A meta-analysis of the evidences. *Indian Journal of Agricultural Economics*, 70(3):311-320.
24. Singh, J.M., Singh, J., Kaur, H., Singh, S., Sachdeva, J., Kaur, B., Chopra, S. and Chand, P. (2019). Management of paddy straw in Punjab: An economic analysis of different techniques. *Indian Journal of Agricultural Economics*, 73(3): 301-310.
25. Chand, S., Kishore, P. and Srivastava, S.K. (2019) Pressurized irrigation system: Policies and implications in India. *Indian Journal of Soil Conservation*, (Conference issue), 42-50.
26. Chand, S., Singh, S., Srivastava, R.C., Subarmani, T. (2019). Adoption determinants of soil and water conservation measures in Bay Islands: An analysis of farmer's perceptions for investment. *Indian Journal of Soil Conservation*, 47(1):1-7.
27. Dona, P., Vishnu, R.N., Ojha, S.N., Vipin kumar, V. P., Kumar, N.R. and Salas, S. (2019). Change agency facilitated social entrepreneurship towards community-based fisheries management (CBFM) in Vembanad Lake, Kerala. *Multilogic in Science*, 9 (30): 107-113.
28. Ashok, A. and Prakash, R.R. (2019) Stakeholder preference towards conservation of marine mega fauna: Olive ridley turtle (*Lepidochelys olivacea*) (Eschscholtz, 1829) conservation dilemma in Odisha. *Fishery Technology*, 56:158-163.
29. Mugaonkar, P., Kumar, N.R. and Biradar, R.S. (2019) Economics and determinants of pangas catfish production in India. *Fishery Technology*, 56: 80-88.
30. Dupare, B.U., Shrama, P. and Billore, S.D. (2019). Break even soybean yield analysis under frontline demonstrations. *Indian Journal of Extension Education*, 55(1): 103-108.
31. Birthal, P.S., Negi, D.S. and Jaweriah, H.(2019). Trade-off between risk and returns in farmers' choice of crops? Evidence from India. *Agricultural Economics Research Review* 32 (1): 11-23.
32. Kanwal, V., Thorat, V.S. and Chand, P. (2019). Vulnerability of rural households to food and nutritional insecurity in arid regions of India: Some evidence from Rajasthan. *Agricultural Economics Research Review*, 32(Conference Issue), 183-192.
33. Kishore, P. (2019). Efficiency gains from adoption of pressurized irrigation technology: Case of sprinklers. *Agricultural Economics Research Review*, Accepted.
34. Saxena, R., and Kumar, R. (2019). Onion price perspective in India: Triggers and response. *Agricultural Research Journal*, 56(2): 370-375.
- 35.

- Sharma, P., Dupare, B.U. and Khandekar, N. (2019). Economic impact assessment of Broad-
36. Bed Furrow seed drill for soybean. *Agricultural Research*, <https://doi.org/10.1007/s40003-19-00444-4>.
 - Subash, S.P., Kumar, R.R. and Aditya, K.S. (2019) Satellite data and machine learning tools
 37. for predicting poverty in rural India. *Agricultural Economics Research Review*, 31(2): 231-240.
 38. Umanath, M., Felix, K.T. and Balaji, S.J. (2019). Sugar price determination in India: An econometric analysis. *Agricultural Economics Research Review*, 32: 165-174.
 39. Saxena, R., Singh, N.P. Paul, R.K. and Kumar, R. (2019) Market linkages for the major onion markets in India. *Indian Journal of Horticulture*, 76(1): 133-140.
 40. Birthal, P. S., Pandey, G., Jumrani, J., Jaweriah, N. (2019). Supply response in Indian dairying. *Indian Journal of Animal Sciences*, 89(4): 459-465.
 - Mukherjee, A., Singh, P., Rakshit, S., Satya, P., Burman, R.R., Kumari, S., Sinha, K. and Nikam, V. (2019). Effectiveness of poultry based farmers' producer organization and its
 41. impact on livelihood enhancement of rural women. *Indian Journal of Animal Sciences*, 89(10): 1152-1160.
 42. Sirohi, S., Chand, P., Sharma, D. and Saxena, R. (2019). Estimation of bovine equalizing units in India: A regional perspective. *Indian Journal of Animal Sciences*, 89(9): 1009-1013.