

Brief profile of Dr. Subhash Chand, Principal Scientist

Dr. S. Chand has Ph.D and Post Graduate Diploma in Management of Dairy Enterprises (PGDME) degree from ICAR-NDRI, Karnal. He has made significant contribution in research, development & transfer of technologies, policies and institutions analysis for government programmes in agriculture and allied sectors. Working directly with local communities to study the complex interactions between socio-economic and bio-physical components, finding solutions to production and distribution constraints was significant contribution of Dr. Chand. His impact evaluation of different research & consultancy projects viz. *IWDP*, *IGBP*, *DPAP*, *NWDPR*, *WGDP*, *CPWDP* etc., empirical analysis led to formulation of watershed policies. Worked with tribal of A & N Islands, capacity building, workshops, study of medicinal plants and demonstrations in their fields for providing livelihood supports. The contribution on valuation of mangroves, fish marketing, livestock prospects, ecotourism and use of indigenous plants was expedient for islands policy formulation. His work on livestock risk management policies has significantly contributed to insurance policy formulation. Dr. Chand has contributed to policy design to rehabilitate the surface and ground water irrigation system for scaling up the coverage through his research outcomes.



Recent Publications:

- **Subhash Chand**, Shrawan Singh, R.C. Srivastava and T. Subarmani (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, Vol. 47(1): pp 1-7.
- **Subhash Chand**, Prem Narayan and Khyali R Chaudhary (2018). Sources of risks in livestock production and their management strategies in northern India, Indian Journal of Animal Sciences 88 (5): 612–619.
- Shrawan Singh, L. B. Singh, D. R. Singh, **Subhash Chand**, S. K. Zamir Ahmed, V. N. Singh, S. Dam Roy (2018). Indigenous underutilized vegetables for food and nutritional security in an island ecosystem, Journal of Food Security, Vol. 10(5):1173–1189.
- **Subhash Chand**, Anjani Kumar, Madhusudan Bhattarai² and Sunil Saroj (2016). Status and Determinants of Livestock Insurance in India. Micro Level Evidence from Haryana and Rajasthan. Ind. J. of agri. Econ. Vol 71(3):335-346.
- **Subhash Chand**, Sharwan Singh, Shinoj Parappurathu, S. Dam Roy & Anjani Kumar (2015). Explaining the status and scope of ecotourism development for livelihood security: Andaman and Nicobar Islands, India, International Journal of Sustainable Development & World Ecology, DOI: 10.1080/13504509.2015.1050478.
- Anjani Kumar, RKP Singh, Shive Jee, **Subhash Chand**, Gaurav Tripathi and Sunil Saroj (2015). Dynamics of access to rural credit in India: Patterns and determinants, Agricultural Economics Research Review, Vol. 28 Pp 151-166.

- S. Jayakumar, Arun Kumar Dey, A. Kundu, Kontala Roy, Jaisunder, M. S. Kundu, M. Balakrishnan, **Subhash Chand**, S. K. Zamir Ahmed (2013) Sonographic characteristics of goat testis on water bath based ultrasonography. Livestock Science 152: 79-87.
- S. N. Sethi, JK Sudaray, A Painigrahi and **Subhash Chand** (2011). Prediction and management of natural disasters through indigenous technical knowledge with special reference to fisheries: Indian journal of Traditional Knowledge 10 (1): 167-172.
- R. Raja, N. Ravisankar, S. Ghosal Chaudhuri, S. K. Ambast, **Subhash Chand**, M. Din, Babulal Meena, T. Subarmani, and Zamir Ahmed (2012).Effect of supplemental irrigation of yield and water productivity of dry season crops in Andaman and Nicobar Islands, Indian J. of Agricultural Sciences vol. 82(20): 122-1226.
- A.K. Sikka, M. Madhu, **Subhash Chand**, D.V. Singh, V. Selvi, P. Sundarambal, K. Jeevarathnam and M Murgaiyah (2014). Impact analysis of participatory integrated watershed management programme in semi- arid region of Tamil Nadu. Indian Journal of Soil conservation vol. 42(2):pp 98-106. (**Best Research paper published & awarded for year of 2014**).
- **Subhash Chand**, A.K. Sikka, Madhu. M., Singh. D.V and Sundarambal, P and S. Rajkumar (2013). Women empowerment through micro financing under watershed programme in Tamil Nadu, Indian Journal of soil conservation Vol. 41(1): pp 77-82.
- **Subhash Chand**, AK Sikka, RC Srivastava and P. Sundrambal (2009). Constraints faced by functionaries in watershed management: A case study, Ind. J. of ext. Edu.vol. 9(2):68-71.
- **Subhash Chand**, Alok K. Sikka and V.N. Sharda (2009). Environmental Implications of Converting Natural Grass Land into Eucalyptus Plantations in Hydro Power Catchments in Nilgiris, Tamil Nadu: An Economic Analysis: Indian J. of Agricultural Economics Vol. 64 (4):618-627.
- **Subhash chand**, R. Raghupathy and M.Madhu (2009). Dynamics of Agrarian Structure of Nilgiris District of Tamil Nadu and its Implications. Indian Journal of Soil Conservation, Vol. 37(3):217-223.
- S. Manivannan, Korikanthmath and **Subhash Chand** (2007). Impact of Soil and water conservation structures on productivity and ground water table in Barcem watershed of Goa. Indian J. of Soil Conservation, Vol. 35(2) :172-173.
- M. Madhu, A.K.Sikka, P. Muralidharan, D.C. Sahoo, **Subhash Chand**, D.V. Singh, V. Selvi and K. Jeevarathnam (2007). Efficiency and economics of soil and water conservation measures in sloping lands of the Western Ghats. Journal of Soil and Water Conservation, Vol. 6(3): 116-121.
- **Subhash Chand**, A.K. Sikka, R. Raghupathy, P. Samraj and C. Henry (2002). Economic evaluation of Agro-forestry Systems on Sloping lands of Nilgiris Indian J. Agricultural Economics Vol.57(4): 736-740.