

**Papers in International Journal**

1. **Chandra, A.**, Negi, V.S, Kandari, L.S., Dinakaran, J., Maikhuri, R.K., Saxena, K.G., Rao, K.S. 2021, Conservation and Sustainable Management of Traditional Agro-ecosystems in Central Himalaya, India, *International Journal of Ecology and Environmental Sciences* 47: 355-36
2. **Chandra, A.**, Pardha Saradhi, P., Maikhuri, R.K., Saxena, K.G., Rao, K.S. 2021, Impact of farm yard manure on cropping cycle in a rainfed agroecosystem of Central Himalaya, *Vegetos*, 34:249–262, (ISSN: 2229-4473)
3. Kumar R., Verma T. S., **Chandra, A.**, Kumar M., Rawat L., 2020, Temporal and Spatial Assessment of Physico-chemical Properties in Surface and Groundwater in the Himalayan Foothill (Uttarakhand) India, *Environment & We: An International Journal Science & Technology*, 15, 155-170. (ISSN: 0925-7112)
4. Dinakaran J, **Chandra, A.**, Vikram K., Chamoli, KP, Tambat, S. and Rao K.S, 2019 Responses of soil carbon, nitrogen, microbial activity, bacterial community composition and grain yield to farmyard manure amendments in a rainfed agriculture (Paddy) system of Himalaya, *Vegetos*, 32, 620–634 (ISSN: 2229-4473)
5. Dinakaran J, **Chandra, A.**, Chamoli, KP, Deka J, and Rao K.S, 2018 Soil organic carbon stabilization changes with an altitude gradient of land cover types in central Himalaya, India, *Catena*, 170, 374-385. ISSN: 0341-8162
6. Negi VS, Maikhuri, RK, **Chandra A.**, Maletha A, Dhyani PP, 2018. Assessing sustainability of farming systems in mountain agroecosystems of Western Himalaya, India, *Agroecology and Sustainable Food System*, 42, 751-776, (ISSN:2168-3565), Impact Factor 1.636 <https://doi.org/10.1080/21683565.2018.1427175>
7. **Chandra, A.**, Sinha, PG., Joshi, T., Sharma, P., Chawla, M., Gupta, S., Kohli, PS., Suyesh, R., Rao, GPC, Rao, KS., 2018, Pollution in Sanjay Van Lake: A Restored Waterbody of Delhi, *DU Journal of Undergraduate Research and Innovation*, 4, 1-13 (ISSN:2395-2334)
8. Baghar S., **Chandra, A.**, Chandrashekar, JS., 2014 - Status and distribution of anthropogenic pressure in Kedarnath Wildlife Sanctuary in Western Himalaya, India. *Bulletin of Environmental and Scientific Research*, 3 (2/3), 8-15 (ISSN: 2278–5205)
9. **Chandra, A.**, Kandari L.S., Negi, V. S., Maikhuri, R. K., and Rao K.S., 2013. Role of Intercropping on Production and Land Use Efficiency in the Central Himalaya, India, *Environment & We: An International Journal Science & Technology*, 8, 105-113. (ISSN: 0925-7112)
10. Negi, V. N., Maikhuri, R. K., Rawat, L.S and **Chandra, A.**, 2013. Bioprospecting of *Rhododendron arboreum* for Livelihood Enhancement in Central Himalaya, India, *Environment & We: An International Journal Science & Technology*, 8, 61-70. (ISSN: 0925-7112)
11. Kandari, L.S., Rao, K.S., Payal, K.C., Maikhuri, R.K., **Chandra, A.** and van Staden, J. 2012 Conservation of aromatic medicinal plant *Rheum emodi* Wall. Ex Meissn through improved seed germination, *Seed Science and Technology*, 40, 95-101(ISSN: 0251-0952)
12. **Chandra, A.**, Pardha Saradhi, P., Rao, K.S., Saxena, K.G., Maikhuri, R.K. 2011. An Investigation into the Energy Use in Relation to Yield of Traditional Crops in Central Himalayas, India, *Biomass and Bioenergy* 35: 2044-2052 (ISSN: 0961-9534)
13. **Chandra, A.**, Pardha Saradhi, P., Maikhuri, R.K., Saxena, K.G., Rao, K.S. 2011. Traditional Agrodiversity Management: A Case Study of Central Himalayan Village Ecosystem. *Journal of Mountain Science*, 08: 62-74 (ISSN: 1672- 6316)
14. **Chandra, A.**, Kandari, L. S., Rao, K.S., Saxena, K.G., 2011. Assessment of Socio-Economical Status and its Impact on Land Use Management in Central Himalaya. *Asian Journal of Agricultural Research* 5(4): 234-242. (ISSN: 1819-1894)

15. **Chandra, A.**, Pardha Saradhi, P., Maikhuri, R.K., Saxena, K.G., Rao, K.S. 2010. Assessment of Monetary Budget in Traditional Agrodiversity Management: A case Study of central Himalayan Village ecosystem. *Phytomorphology*, 60 (3-4): 137-149 (ISSN: 0031- 9449)
16. **Chandra, A.**, Kandari, L. S., Payal K.C., Maikhuri, R.K. Rao, K.S., Saxena, K.G., 2010. Conservation and Sustainable Management of Traditional Ecosystems in Garhwal Himalaya, India, *New York Science Journal*. 3(2):71-77
17. **Chandra, A.**, Rakesh, Kandari, L. S., 2009. Role of Rural and Tribal Women in Conservation of Village Ecosystem: A Case Study of Nanda Devi Biosphere Reserve, India, *Environment & We: An International Journal Science & Technology* 4: 29-34
18. **Chandra, A.**, Rao K.S., 2007. In-situ conservation of local landraces of *Oryza sativa* L. and *Triticum aestivum* L. in Garhwal: A case study from Central Himalaya, India, *Environment & We: An International Journal Science & Technology* 2: 1-7

### **Book Chapters and Proceedings:**

1. Kandari, L. S., Maikhuri, R. K., Rao K. S., **Chandra, A.**. 2011 Conservation and Cultivation of Medicinal Plants for Sustainable Development in Nanda Devi Biosphere Reserve, Uttarakhand, India, In: *Medicinal Plants and Sustainable Development* Editor: Chandra Prakash Kala, Nova Science Publishers, Inc (ISBN: 978-1-61761-942-7)
2. **Chandra, A.**, Sharmila, P., Pardha Saradhi, P., Saxena, K.G. and Rao, K.S. 2009. Sustainability of Selected Traditional Pulses with Native Rhizobial Strains: A Case Study Nanda Devi Biosphere Reserve, Uttarakhand. Eds: Kumar. D, Rastogi, N. and Singaraval, M., *Functional Biodiversity and Ecophysiology of Animals*. Pilgrim Press Pvt. Ltd., Varanasi. 135-146.
3. **Chandra, A.**, Sharmila, P., Pardha Saradhi, P., Rao, K.S., Saxena, K.G., Kandari, L. S., Payal K.C., Maikhuri, R.K. 2009. Assessment of Biological Yield of Some Selected *Vigna* sps. with Native *Rhizobial* Strain in Traditional Agroecosystem of Central Himalaya. *Proceeding of International Conference on Changing Environmental Trends and Sustainable Development (CETAS-2009)* Hisar. 217-221
4. Kandari, L. S., Maikhuri, R. K., Rao K. S., Chauhan K., Kala, C.P., **Chandra, A.** 2009. Cultivation, Commercialization And Conservation of Medical And Aromatic Plants In The Upper Dhaul Ganga Catchment of Nanda Devi Biosphere Reserve, Uttarakhand. Eds: Patli, R.N. and Tewari, D.N., *Conservation of Medicial Plants*. A.P.H. Publishing Corporation, New Delhi. 225-234.
5. Maikhuri, R.K., Rawat, L.S., Negi, G.S., Dangwal, D., **Chandra, A.**, Rao, K.S. 2005. Macrofauna: Nanda Devi Biosphere Reserve, *Proceeding of National Workshop on Conservation and Sustainable Management of Belowground Biodiversity*, at Kerala Forest Research Institute, Peechi- 680653, Kerala, June 21-23, 2005

### **Books Publication:**

1. **Chandra, A.**, Chaturvedi, S., Rajasekaran, C., Rao, K.S., 2023. *Environmental Sustainability: Challenges and Opportunities under Changing Climate*. Brown Page Publication, Haryana ISBN: 978-93-94759-70-1. 306 pages.
2. Gopal, B., Ghosh, D., **Chandra, A.** 2011. *Communicating Scientific Principles of Ecology: A Manual on Waste Management*. 60 pages