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### EDUCATIONAL QUALIFICATIONS

- **B. Sc. (Forestry):** North Eastern Regional Institute of Science and Technology (NERIST), Itanagar, Arunachal Pradesh
- **M.Sc. (Forestry) :** Mizoram University, Aizawl, Mizoram
- **Ph.D. (Forestry) :** Mizoram University, Aizawl, Mizoram

### PROFESSIONAL AREA

- **Research Area:** Agroforestry & Silviculture; Forest Ecology & Management
- **Research Interests:** Biomass and Carbon Sequestration, Climate change Studies, Integrated Farming Systems
- **Memberships/Fellow of Societies:** Range Management Society of India (RMSI), IGFR, Jhansi (Life member); Indian Society of Agroforestry (ISAF), CAFRI, Jhansi (Life member)

### PUBLICATIONS

- **Research articles / Review articles /Short Communication: 17**
- **Books & Book Chapter: 07**
- **Popular articles: 01**

### KEY PUBLICATIONS:

- Sahoo, U.K., Tripathi, O.P., Nath, A.J., Deb, S., Das, D.J., Gupta, A., Devi, N.B., Charturvedi, S.S., Singh, S.L., Kumar, A. and Tiwari, B.K., 2021. Quantifying Tree Diversity, Carbon Stocks, and Sequestration Potential for Diverse Land Uses in Northeast India. *Frontiers in Environmental Science*, pp.436.
- Kenye, A., Sahoo, U.K., Singh, S.L. and Anudip, G., 2019. Effect of four land uses on soil edaphic properties and soil organic carbon stock in Mizoram, North-East India. *Indian Forester*, 145(12), pp.1139-1146.
- Sahoo, U.K., Singh, S.L., Gogoi, A., Kenye, A. and Sahoo, S.S., 2019. Active and passive soil organic carbon pools as affected by different land use types in Mizoram, Northeast India. *Plos one*, 14(7), p.e0219969.
- Singh, S.L. and Sahoo, U.K., 2019. Shift in phenology of some dominant tree species due to climate change in Mizoram, North-East India. *Indian Journal of Ecology*, 46(1), pp.132-136.
- Singh, S.L. and Sahoo, U.K., 2019. Socio-Economic and Demographic Factors Influencing Farmers' Decision on Homegarden Management Practices and Carbon Storage in Mizoram, Northeast India. *International Journal of Ecology and Environmental Sciences*, 45(1), pp.59-69.
- Singh, S.L., Sahoo, U.K., Gogoi, A. and Kenye, A., 2018. Effect of Land Use Changes on Carbon Stock Dynamics in Major Land Use Sectors of Mizoram, Northeast India. *Journal of Environmental Protection*, 9(12), pp.1262.
- Singh, S.L. and Sahoo, U.K., 2018. Assessment of biomass, carbon stock and carbon sequestration potential of two major land uses of Mizoram, India. *Inter J Ecol Environ Sci*, 44(3), pp.293-306.
- Sahoo, U.K., Vanlalhratpuia, K., Singh, S.L. and Upadhyaya, K., 2015. Effect of intercropping on forage yield and quality of Zea mays L. in Saiha district of Mizoram, India. *Range Management and Agroforestry*, 36(2), pp.183-187.
- Choudhary, V.K., Singh, S.L., Dixit, A., Arunachalam, A. and Bhagawati, R., 2014. Biomass and carbon sequestration potential of agroforestry trees in Arunachal Pradesh, North East India. *Climate Change and Environmental Sustainability*, 2(1), pp.48-54.