

Dr Vipin Guleria

Principal Scientist

Specialization: Silviculture and Agroforestry

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Ongoing Research Projects

- Entrepreneurial skill development for production of quality planting material of subtropical horticultural, medicinal and vegetable crops for enhancing livelihood status of unemployed youths and progressive farmers funded by RKVY, RAFTAR. (CO-PI)

Important Research Publications

- Guleria V, Chaudhary P, Vashisth A, Sharma K, Selvan T and Thakur S. 2021. *Terminalia chebula* (Harar) Characterization by using Morphological Descriptors in Himalayan Region. *Indian Forester* 147 (2): 154-159.
- Guleria V, Choudhary P, Vashisth A, Gupta A and Selvan T. 2020. Study on the physical characteristics, properties and productivity potential of exotic and indigenous bamboos in rained subtropical environment. *Journal of Pharonacognosy and Phytochemistry* 9(3): 1552-1558.
- Vasishth A and Guleria V. 2017. Standardized gum tapping techniques to maximize yield from high-value Indian tree, *Sterculia urens*. *Journal of forestry research* 28 (3): 615-619.
- Vasishth A and Guleria V. 2017. Potential of *Senegalia senegal* for gum arabic extraction. *Indian Journal of Ecology* 44 (6): 817-819.
- Pal PK, Kumar R, Guleria V, Mahajan M, Prasad R, Pathania V and Gill BS. 2015. Crop-ecology and nutritional variability influence growth and secondary metabolites of *Stevia rebaudiana* Bertoni. *Plant Biology* 15(1): 1-16.
- Guleria V, Vashishth A, Gupta A, Salven T, Thakur C and Kumar P. 2014. Carbon stocks and soil properties under nitrogen-fixing trees on degraded site in subtropical Himalayan region. *Indian Journal of Soil Conservation* 42 (3): 293-297.
- Guleria V. 2013. Analysis of plant, host and management relationships for sandalwood (*Santalum album*) cultivation in new subtropical locality of hill region of Indian Himalayas. *The Indian Forester* 139 (1): 53-57.
- Guleria, V. 2006. *Santalum album* Linn. in Himachal Pradesh: to Optimize Media and Polybag Size for Raising Containerized Seedlings. *Indian Forester* 132 (7): 894-898.
- Guleria V, Nayital RK and Gupta B. 2003. Calcium and Magnesium Variations in Grasses under Natural Forests of Chir Pine (*Pinus roxburghii*) at Different Aspects in Mid Hills of Himachal Pradesh. *Indian Journal of Agroforestry* 5(1&2): 2456-6489.

Books/Manual

- Guleria V, Gupta A, Kumar D, Kaler R and Kapoor R. 2023. Himachal main sugandhit avem aushdhiye podhon ki vigyanik kheti. (Training mannual)
- Guleria V and Chaudhary P. 2021 Dynamics of interactions in medicinal based agroforestry systems. In Dynamics of Interactions in Medicinal Based Agroforestry Systems In :Agribusiness Development Planning and Management edited by Anil Bhat and Jyoti Kachroo © New Delhi Publishers, New Delhi: 2021, 69-78. (ISBN: 978-81-948993-6-5)

Awards & Recognitions

Life time achievement award-2022 by the “***Avishkar foundation***” a Sholapur (Maharashtra) based NGO for the contribution in the field of lesser known fruit.