

Dr PREM PRAKASH

Assistant Professor

Specialization: Forestry, Agroforestry

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On-going Research Projects ·

- All India Coordinated Research Project on Agroforestry, ICAR (CO-PI).
- Consultancy project for Plantation for Stability of Cutting and Filled up Slopes (Bhanupali to Beri via Bilaspur Railway Line) funded by Rail Vikas Nigam Limited (Consultant).

Important Research Publications

- Kumari B, Pant K S, Bishist Rohit, **Prakash P** and Bhatia AK. 2025. Optimizing growth and yield: Nutrient source effects on *Brassica campestris* var. brown sarson under high density *Malus × domestica* Borkh. based agri-horticultural system in the Western Himalayas. *Agroforest Syst.* 99:149. <https://doi.org/10.1007/s10457-025-01256->
- Bhatia AK, Pant K S, **Prakash P**, Prakash, Kumar MN, Saakshi and Kumari B. 2025. Exploring the Allelopathic impact of Wild Pomegranate leaf extracts in field crops establishment and early growth: study from Himalayas. *AMA, Agricultural Mechanization in Asia, Africa and Latin America.* 56:06.
- Bhatia AK, Chauhan S, Pant KS, **Sharma P** and Kashav P. 2025. Suitability analysis for agroforestry in District Hamirpur of Himachal Pradesh, India by using AHP method. *Agroforestry System* 99, 36 (2025). <https://doi.org/10.1007/s10457-025-01139-2>.
- Bhatia AK, Pant KS, **Prakash P**, Kumar P, Sharma H, Prakash and Kumari B. 2025. Fruit and pulse synergy: evaluating Vigna mungo performance in Himalayan wild pomegranate based agroforestry systems. *Agroforestry System* 99, 37 (2025). <https://doi.org/10.1007/s10457-024-01116-1>.
- Bhowmik A, **Prem P**, Vempally P, Saklani LM. 2023. Comparative Altitudinal Gradient Aspect on Natural Regeneration of *Quercus leucotrichophora* A. Camus in Renuka Ji Forest Division, Himachal Pradesh, India. *Environment and Ecology* 41 (4C): 2866—2873. Article DOI: <https://doi.org/10.60151/envec/CAOH9993>.
- Thakur G, Kumar P, Bhardwaj DR, **Prakash P** and Poonam. 2024. Dynamics of aboveground vegetation biomass and carbon stocks along the altitudinal gradients and overstorey composition types in the temperate Himalayan region. *Trees, Forests and People* 16: 100553 <https://doi.org/10.1016/j.tfp.2024.100553>.

- Singh G, Chauhan V, Thakur CL, Verma ML, Bishist R, **Prakash P**, Gautam KL, Sharma H, Dogra R, Kishore K and Kumar M 2023. Studies on natural regeneration, floristic composition, biomass, carbon density and soil properties along an altitudinal gradient in the north-western Himalayas, India. *Forest Ecology and Management* 548 (2023) 121391. <https://doi.org/10.1016/j.foreco.2023.121391>.
- Mohibulla S, Bishist R, Bhardwaj DR, Thakur CL, **Prakash P**, Gautam K L, Dogra R, Sharma H, Kishore K and Kengo N.2024. Influence of different nutrient sources on growth, yield and nutritive value of fodder maize. *Bangladesh J. Bot.* 53(4): 923-929.
- Prakash, KS Pant, **P Prakash**, AK Bhatia and Ravindra Kumar Dhaka.2024. Effect of INM on soil physico-chemical properties of maize (*Zea mays* L.) intercrop under buel (*Grewia optiva* Drummond.) based agroforestry system in the mid-hills of Himachal Pradesh. *International Journal of Research in Agronomy*; 7(8): 523-531.
- **Prakash P**, Pant KS and Dhiman R. 2016. Effect of tree spacing and organic manures on seed parameters of *Calendula officinalis* L. under *Grewia optiva* Drummond. based agroforestry system. *Indian Journal of Ecology* 43 (1): 1000-1003.

Awards & Recognitions

- **Received Merit Scholarship** during M.Sc. (Agroforestry.) during 2009-2011.
- **Received DST INSPIRE Fellowship**, Department of Science and Technology (GOI) during PhD 2012-16.
- **Awarded with the Student of the Year Award** 2013 for outstanding contribution for undertaking welfare activities and strengthening of AIASA by All India Agricultural Students Association.2013
- **Awarded with Young Scientist Award** on 18th All Indian agricultural Scientists & Farmer Congress on 20- 21 February 2016 at Allahabad, U.P. India.2016.
- **Best poster award awarded** during XXII Biennial National Symposium "Climate Smart Agronomy for resilient Production Systems and Livelihood Security Goa w.e.f. 22-11-2023 to 24-11-2023.

