

Dr Inder Dev

Director of Extension Education

Specialization: Extension, Agronomy, and Agroforestry

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Ongoing Research Projects

- Furthering Entrepreneurship Capacity of Natural Farming based FPCs through Institutional Technological Interventions, funded by SPIU, Department of Agriculture, Govt. of Himachal Pradesh (Nodal Officer cum PI).

Important Research Publications

- Dev I, Ram A, Ahlawat SP, Palsaniya DR, Newaj R, Tewari RK, Singh R, Sridhar KB, Dwivedi RP, Srivastava M, Chaturvedi OP, Kumar RV and Yadav RS. 2017. Bamboo (*Dendrocalamus strictus*) + sesame (*Sesamum indicum*) based Agroforestry model: A sustainable livelihood option for farmers of semi-arid region. *Indian Journal of Agricultural Sciences* **87** (11): 1528-1534.
- Dev I, Ram A, Ahlawat SP, Palsaniya DR, Singh R, Dhyani SK, Kumar N, Tewari RK, Singh M, Babanna SK, Newaj R, Dwivedi RP, Kumar RV, Yadav RS, Chand L, Kumar D and Prasad J. 2020. Bamboo-based agroforestry system (*Dendrocalamus strictus* + sesame–chickpea) for enhancing productivity in semi-arid tropics of central India. *Agroforestry Systems*. **94**: 1725–1739
- Garg KK, Singh R, Anantha KH, Singh AK, Akuraju VR, Barron J, Dev I, Tewari RK, Wani SP, Dhyani SK and Dixit S. 2020. Building climate resilience in degraded agricultural landscapes through water management: A case study of Bundelkhand region, Central India. *Journal of Hydrology*, 591, December 2020, 125592
- Singh M, Babanna SK, Kumar D, Dwivedi RP, Dev I, Kumar A, Tewari RK, Chaturvedi OP and Dagar JC. 2021. Valuation of fuelwood from agroforestry systems: a methodological perspective. *Agroforestry Systems* 95: 977–993
- Dev I, Ram A, Radotra S, Misri BK, Sareen S, Kumar P, Singh D, Kumar S, Kumar N and Singh R. 2021. Cereal clover bi-cropping for sustainable forage production in the Himalayan region. *European Journal of Agronomy* 130, October 2021, 126354.
- Rai AK, Dinkar A, Basak N, Dixit AK, Das SK, Dev I, Sundha P, Chandra P and Kumar S. 2021. Phosphorus nutrition of oats genotypes in acidic soils: Exploiting responsive plant-microbe partnership. *Applied Soil Ecology*. **167**, November 2021, 104094.
- Singh R, Garg KK, Anantha KH, Akuraju V, Dev I, Dixit S and Dhyani SK 2021. Building resilient agricultural system through groundwater management interventions in degraded landscapes of Bundelkhand region, Central India. *Journal of Hydrology: Regional Studies* **37** (2021) 100929.
- Dev I, Singh R, Garg KK, Ram A, Singh D, Kumar N, Dhyani SK, Singh A, Anantha KH, Akuraju V, Dixit S, Tewari RK, Dwivedi, RP and Arunachalam A. 2022. Transforming livestock productivity through watershed interventions: A case study of Parasai-Sindh watershed in Bundelkhand region of Central India. *Agricultural Systems* 196 103346 <https://doi.org/10.1016/j.agsy.2021.103346>.
- Anantha KH, Garg KK, Singh R, Akuraju V, Dev I, Petrie CA, Whitbread AM and Dixit S. 2022. Landscape resource management for sustainable crop intensification. *Environmental Research Letters* **17** (2022) 014006 <https://doi.org/10.1088/1748->

9326/ac413a.

- Singh R, Akuraju V, Anantha KH, Garg KK, Barron J, Whitbread AM, Dev I and Dixit S. 2022. Traditional Rainwater Management (Haveli cultivation) for Building System Level Resilience in a Fragile Ecosystem of Bundelkhand Region, Central India. *Frontiers in Sustainable Food Systems*, 01 April 2022. Sec. Water-Smart Food Production. <https://doi.org/10.3389/fsufs.2022.826722>.

Books and Manuals

- Dhyani SK, Ram Newaj, Badre Alam and Inder Dev. 2015. *Agroforestry: Present Status and Way Forward*. 2015. Biotech Books, New Delhi, ISBN 978-81-7622-349-2, p614.
- Inder Dev, Asha Ram, Naresh Kumar, Ramesh Singh, Dhiraj Kumar, Uthappa, A.R, A.K. Handa and Chaturvedi OP. 2017. *Agroforestry for Climate Resilience and Rural Livelihood*. Pg-614. Scientific Publishers. ISBN: 978-93-87309-06-3 (Hardbound). 978-93-87991-92-7 (Ebook), p441.

Awards & Recognitions

- Recipient of Nanaji Deshmukh ICAR Award for Outstanding Interdisciplinary Team Research in Agricultural and Allied Sciences 2018 (Natural Research Management and Agril. Engineering). ICAR, New Delhi.
- Recognition of the work on Agroforestry based Parasai-sindh watershed as one of the Best Water Practices by NITI Aayog. Team Member. <https://www.facebook.com/hashtag/bestwaterpractices>. 2019 NITI Aayog.
- Recipient of Best Team Award as a team member (Indian Society of Agricultural Engineers Award for 2018). The award was conferred during 53rd ISAE Annual Convention held during January 28-30, 2019 at BHU, Varanasi.
- Recipient of ISAF Gold medal for the year 2017. Awarded by Indian Society of Agroforestry, ICAR-CAFRI, Jhansi.
- Recipient of Dr Ramesh Singh Team Award for Excellence in NRM 2020-21. Awarded by the Indian Society of Agroforestry.
- Recipient of Best Annual Report Award on 94th Foundation Day of ICAR on 16th July. ICAR-CAFRI bagged Best Annual Report Award on 94th Foundation Day of ICAR on 16th July wherein my role was as chairman of the publication committee.