


Profile of Dr Raman Jeet Singh

	Name: Dr Raman Jeet Singh Designation: Scientist Sr. Scale (Agronomy) Date of Birth: 01.06.1982 Area of Specialization: Conservation Agronomy for sloping crop lands of North-Western Himalayan regions of India; Agro-geo-textiles based conservation agriculture practices for enhancing cropping intensity of rainfed maize-wheat rotation of north-western Himalayan region; Integrated nutrient management for soil and water conservation; Ecosystem Service functions of soil and water conservation technologies.
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Detail Profile

Education

Degree	Year of Passing	University/Institution
Ph.D. (Agronomy)	2008	Indian Agricultural Research Institute, New Delhi
M.Sc. (Agronomy)	2005	Indian Agricultural Research Institute, New Delhi
B.Sc. (Ag.) Hon.	2002	Rajasthan Agricultural University, Bikaner

Professional History

Position	Year	Organization
Scientist (Sr. scale)	15.09.2015 to till date	ICAR- Indian Institute of Soil & Water Conservation, Dehradun
Scientist	23.12.2011 to 14.09.2015	ICAR- Indian Institute of Soil & Water Conservation, Dehradun
Scientist (Trainee)	15.09.2011 to 22.12.2011	ICAR-NAARM, Hyderabad

Publications (summary)

S. No.	Publication	Number
1	Research Publications	40
	National	20
	International	20
2	Books	
	Authored	3
	Edited	0
3	Book Chapters	8
4	Lead Papers	0
5	Radio talks	0
6	Technical/Research Reports/ Compilation / Bulletins	5
7	Extension Folders/leaf lets	2
8	Symposia/Workshop/Seminar Papers	14
9	Popular article	28
10	Professional Trainings attended	5

11	Consultancy project handled (Leader in 0 & Associated in 0)	0
12	No. of training organized	
	Short duration sponsored training (Trained : 0)	0
	Soil Conservation Regular Training Course: (5 ½ or 4 months duration) (Trained: 0)	0
	B.Tech students Field Practical training- one to two months (No Students: 0)	0
13	Seminars/Symposia/Workshops/Summer or Winter School/ Organized	0
14	External projects handled	5

Most important 5 Publications

1. **Singh, Raman Jeet**, Deshwal, J.S., Sharma, N.K., Ghosh, B.N., and Bhattacharyya, R. (2019). Effects of conservation tillage based agro-geo-textiles on resource conservation in sloping croplands of Indian Himalayan Region. *Soil & Tillage Research* 191: 37-47. <https://doi.org/10.1016/j.still.2019.03.012>
2. Meena, V.S., Ghosh, B.N., **Singh, Raman Jeet**, Bhattacharyya, R., Sharma, N.K., Alam, N. M., Meena, S.K., and Mishra, P.K. (2021). Land use types and topographic position affect soil aggregation and carbon management in the mountain agroecosystems of the Indian Himalayas. *Land Degrad Dev.*; 1–12. <https://doi.org/10.1002/ldr.3864>
3. **Singh, Raman Jeet**, Ghosh, B.N., Sharma, N.K., Patra, S., Dadhwal, K.S., Meena, V.S., Deshwal, J.S., and Mishra, P.K. 2017. Effect of seven years of nutrient supplementation through organic and inorganic sources on productivity, soil and water conservation, and soil fertility changes of maize-wheat rotation in north-western Indian Himalayas. *Agriculture, Ecosystems & Environment* 249: 177-186. <http://dx.doi.org/10.1016/j.agee.2017.08.024>
4. Sharma, N.K., **Singh, Raman Jeet**, Mandal, D., Kumar, A., Alam, N.M., and Keesstra, S. 2017. Increasing farmer's income and reducing soil erosion using intercropping in rainfed maize-wheat rotation of Himalaya, India. *Agriculture, Ecosystems & Environment* 247: 43-53. <https://doi.org/10.1016/j.agee.2017.06.026>
5. **Singh, Raman Jeet**, Ghosh, B.N., Sharma, N.K., Patra, Sridhar, Dadhwal, K.S. and Mishra, P.K. (2016). Energy budgeting and emergy synthesis of rainfed maize-wheat rotation system with different soil amendment applications. *Ecological Indicators* (Elsevier). Vol. 61 (2): 753-765. DOI:10.1016/j.ecolind.2015.10.026

Google Scholar link

<https://scholar.google.co.in/citations?user=Ukbf8vkAAAAJ&hl=en>

ResearchGate link

<https://www.researchgate.net/profile/Raman-Singh-9>

Awards/Fellowships/Recognitions

S. No.	Name of the Award/Fellowship /Recognition	Awarding organization	Year of award
1.	First Best oral paper presentation	National Workshop on Natural Resource Management for Climate Resilient Agriculture in Foothills of Lower Himalayas. Organized by Regional Research Station, (Punjab Agricultural University), Ballawal Saunkhri, P.O. Takarala, Teh. Balachaur, Distt. Shahid Bhagat Singh Nagar (Punjab) during 22-23 December, 2015	2015
2.	Australia Endeavour Post-doc. Research fellowship for pursuing post-doc research fellowship at CSIRO, Floreat, Perth WA, 6014	Australia Government	2016
3.	IISWC Young Soil Conservationist Award	Indian Association of Soil and Water Conservationists, Dehradun	2017
4.	Best Young Scientist award	In: National Conference on Advances in Global Research in Agriculture and Technology (AGRAT-2017). Organized by Society of Human Resource and Innovation, Agra (U.P.) India during 19-20 March, 2017	2017
5.	ISTRO scholarship of 2000 Euros to attend a conference	International Soil & Tillage Research Organization (ISTRO) in Paris, France during September 24-27, 2018.	2018

Research Projects as PI (On-going)

1. Evaluation of conservation tillage based *Arundo donax* mats for resource conservation and enhancing cropping intensity on sloping crop lands (**Institute Funded**)

Research Projects as PI (Concluded)

1. Ensuring sustainable agricultural development and livelihood security in lower Shiwalik range of Uttarakhand (**DST Funded**)

Other important responsibility

1. Editor, Indian Journal of Soil Conservation

Consultancies

-Nil