

## Profile of Dr Rajesh Kaushal

	<b>Name:</b> Dr Rajesh Kaushal
	<b>Designation:</b> Pr. Scientist (Forestry)
	<b>Date of Birth:</b> 13.04.1974
	<b>Area of Specialization:</b> Conservation Forestry, Agroforestry, Resource conservation aspect of short rotation tree species and bamboos
	<b>Email ID:</b> kaushalrajesh1@rediffmail.com
	<b>ERP ID:</b> 007959
<b>Mobile:</b> +91-9412439282; <b>Phone:</b> 0135-2757917 ; <b>Fax:</b> 0135-2754213	

### Detail Profile

### Education

Degree	Year of Passing	University/Institution
Ph.D. (Agroforestry)	2002	Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan
M.Sc. (Agroforestry)	1999	Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan
B.Sc. (Forestry)	1996	Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan

### Professional History

Position	Year	Organization
Pr. Scientist (Forestry)	15 March 2017 – Still continuing	ICAR- Indian Institute of Soil & Water Conservation, Dehradun
Senior Scientist (Forestry) -RGP 9000	15 March 2014 – 14 March 2017	ICAR- Indian Institute of Soil & Water Conservation, Dehradun
Sr. Scientist (Forestry) - RGP 8000	15 March 2011 – 14 March 2014	ICAR- Indian Institute of Soil & Water Conservation, Dehradun
Assistant Scientist(Agroforestry)	15 Nov 2003 – 14 March 2011	G.B. Pant University of Agriculture & Technology, Pantnagar

### Publications (summary)

S. No.	Publication	Number
1	Research Publications	65
	National	40
	International	25
2	Books	
	Authored	6
	Edited	5

3	Book Chapters	25
4	Lead Papers	0
5	Radio talks	0
6	Technical/Research Reports/ Compilation / Bulletins	10
7	Extension Folders/leaf lets	5
8	Symposia/Workshop/Seminar Papers	14
9	Popular article	24
10	Professional Trainings attended	10
11	Consultancy project handled (Leader in 0 & Associated in 2)	2
12	No. of training organized	
	Short duration sponsored training (Trained : 3)	3
	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

**Kaushal R**, Indra Singh, SD Thapliyal, AK Gupta, D Mandal, JMS Tomar, Ambrish Kumar, NM Alam, D Kadam, DV Singh, H Mehta, Pradeep Dogra, PR Ojasvi, S Reza, J Durai. 2020. Rooting behaviour and soil properties in different bamboo species of Western Himalayan foothills, India. *Scientific Reports*. **10**, 4966

**Kaushal R**, Ambrish Kumar, S Patra, S Islam, JMS Tomar, DV Singh, D Mandal, H Mehta, OP Chaturvedi, J Durai. 2021. In-situ soil moisture conservation in bamboos for the rehabilitation of degraded lands in the Himalayan foothills. *Ecological Engineering*.173: 106437.

**Kaushal R**, Ambrish Kumar, NM Alam, Indra Singh, D Mandal, JMS Tomar, H Mehta, Lepcha STS Long TT and Durai J. 2021. Assessment of eco-hydrological parameters in important sympodial bamboo species of Himalayan foothills *Environment Monitoring and Assessment* 193: 468

**Kaushal R**, Ambrish Kumar, NM Alam, D Mandal, J Jayaparkash, JMS Tomar, S Patra, AK Gupta, H Mehta, P Panwar, OP Chaturvedi, PK Mishra.2017. Effect of different canopy management practices on rainfall partitioning in *Morus alba*. *Ecological Engineering* 102, 374-380

**Kaushal R**, J. Jayaparkash,D. Mandal, Ambrish Kumar, N. M. Alam, J. M. S. Tomar,H. Mehta,O. P. Chaturvedi. 2019. Canopy management practices in mulberry: impact on fine and coarse roots. *Agroforestry Systems* 93 (2), 545-556

### Google Scholar link

[https://scholar.google.co.in/citations?hl=en&user=ZIXSalkAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.co.in/citations?hl=en&user=ZIXSalkAAAAJ&view_op=list_works&sortby=pubdate)

## ResearchGate link

<https://www.researchgate.net/profile/R-Kaushal>

## Awards/Fellowships/Recognitions

S. No.	Name of the Award/Fellowship /Recognition	Awarding organization	Year of award
1	IASWC Gold Medal	Indian Association of Soil and Water Conservationists, Dehradun	2021
2	ISAF Gold Medal for the year 2016-17	Indian Society of Agroforestry (ISAF)	2021
3	Visiting Scholar	Ohio State University, Ohio, (USA)	May 13, 2014 to June 13, 2014
4	Member of Forest Advisory Committee,	Ministry of Environment, Forest & Climate Change, New Delhi	2016-18
5	Expert Member of Regional Variety Testing Committee	FRI, Dehradun	2020

## Research Projects as PI (On-going)

1. Upscaling Research on Assessment of Productivity, Hydrological Behavior, Resource Conservation and Intangible Benefits of Selected Commercial Bamboo Species in Uttarakhand (International Externally funded Project)
2. Identification and mass multiplication of superior germplasm of promising bamboo species for enhancing productivity of degraded lands (Externally funded)
3. Microsite modification and soil and water conservation techniques for improving productivity of *Melia dubia* on degraded lands (Institute funded)

## Research Projects as PI (Concluded)

1. Efficacy of different soil and water conservation measures on bamboo productivity and resource conservation in Himalayan foothills (Institute funded)
2. Canopy management in *Morus alba* for enhancing productivity and resource conservation (Institute funded).
3. Vegetative Propagation Centre on Bamboo (Externally funded)

## Other important responsibility

1. Chairman Scientific Purchase Advisory Committee
2. Chairman, Standing Local Purchase Committee
3. Editor, Indian Journal of Soil Conservation

## Consultancies

Impact assessment and evaluation of Baglihar dam Catchment area