

RESUME of Dr S.K.TRIPATHI

1. Name and Address:



Dr Sangharsh Kumar Tripathi

Professor

Water Resources Development & Management,

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2. Date of Birth: August 15, 1951

3. Educational Qualification :

Exam.	Division	Year	College/Institute	Univ./Board
B.Sc. (Ag.)	I	1971	Allahbad Agriculture Institute,	Allahabad Univ.
M.Sc. (Ag.) Agron.	I	1973	-do-	-do-
Ph.D .		1980	-do-	-do-

* “*Studies on Rhizobium spp. associated with predominantly occurring leguminous weeds and field crops of Allahabad with special reference to their influence on groundnut cv. T64 grown in U.P.*”

4. Awards won:

S.No.	Year	Details	Agency
1	1971	Sixth Position in BSc (Ag)	Alld.Univ.
2	1973	Second Position in MSc Ag (Agronomy)	Alld.Univ.
3	1977	First Prize in Demonstration of Test Tube Root Nodule production	Farmer's fair Committee AAI

5. Service Experience:

S.No.	Period	Designation	Place
1	2005-2007	Professor & Head	WRD&M, IIT Roorkee
2	1995-Contd	Professor (Agronomy)	WRDTC University of Roorkee
3	1983-1995	Reader (Agronomy)	WRDTC University of Roorkee
4	1979-1983	Agronomist	WRDTC University of Roorkee
5	1979-1979	Research Associate	Allahabad Agriculture Institute
6	1977-1978	Subject Matter Specialist (Agronomy)	Allahabad Agriculture Institute
7	1974-1977	CSIR, JRF	Allahabad Agriculture Institute
8	1973-1974	Lecturer	Bhartiya vidyalaya ,Shivpuri (M

6. Areas of Academic, Research and Consultancy Interests:

S.No.	Areas of Interest
1	Academic curriculum and laboratory development for water management
2	Organization of Trainings and extension activities in Irrigation Water Management
3	Development of water users association
4	Planning and use of gravity and pressurized irrigation system
5	Research Farm and Laboratory establishment
6	Rain water harvesting techniques for small scale irrigation
7	Irrigated Command Development and Evaluation

7. Research Guidance and Publications:

S.No.	Description	Status			Enclosure
		Completed	In progress	Total	
1	Ph. D Thesis	3	5	8	<i>Annex. I</i>
2	M Tech. Thesis Guided	38	1	38	<i>Annex II</i>
3	Special Problems Guided	37	-	37	<i>Annex III.</i>
4	Projects Work Guided	28	-	28	
5	Diagnostic Study Guided	28	-	28	
6	Popular articles written and Radio Talks delivered	30	-	30	<i>Annex. IV</i>
7	Papers Published in Jour.	34	-	34	<i>Annex. V</i>
8	Papers Presented in Seminar	63	-	63	<i>Annex. VI</i>
9	Miscellaneous	4	-	4	<i>Annex. VII</i>

8. Association with National/International Bodies:

S.No.	Period	Responsibility
1	2006	Member, International Scientific Advisory Committee of International Conference on Water Resources Management Organized by WIT,UK from May 3-5,2005
2	2005-2007	Executive Vice President, IWRS
3	2005	Chairman, International Symposium on Recent Advances in Water Resources Development & Management Organized by the Department WRD&M, IIT Roorkee
4	2003	Life Member, Indian Soc. Of Agronomy
5	1992-1996	Secretary, Indian Water Resources Society
6	1990-1992	Editor, J. Indian Water Resources Society
7	1988-1990	Jt. Editor, J. Indian Water Resources Society
8	1990	Fellow, Indian Water Resources Society
9	1986-1988	Executive member, IWRS
10	1986	Organising Committee Member, International symposium on Environmental Impact Assessment on Water Resources Projects,Organized by WRDTC, IITRoorkee,Dec.26-28,1986

11	1980-1982	Executive member, IWRS
12	1980	Founder member, Indian Water Resources Society
13	1980	Organising Committee Member, International symposium on Water Resources Management, organized by WRDTC, IITRoorkee, Dec.12-14, 1980
14	1980-contd.	Member, Editorial Board, J. Indian Water Resources Society
15	1995-contd	Member, Editorial Board, Indian J of Agric. Sciences

9. Sponsored Research Projects:

Personal:

1. Agro ecosystem dynamics of Upper Ganga Basin. Sponsored by National Remote Sensing Agency Hyderabad, Govt. of India (Rs 11.72 Lakhs; 5 years).
2. Experimental Agro met Advisory Service. Sponsored by National Centre for Medium Range Weather Forecasting, Ministry of Earth, Govt. of India (Rs 15 Lakhs; 5 years).
3. Agro technical constraint analysis in Upper Ganga Canal Command. Sponsored by Ministry of Water Resources, Govt. of India (Rs. 5.75 Lakhs; 2 years).

Departmental:

1. First Phase Ford Foundation Project for the support of Post Graduate Programme in Water use Management at WRDTC, University of Roorkee (US\$ 2.5 Lakhs; 3 years).
2. Second Phase Ford Foundation Project for the support of Post Graduate Programme in Water use Management at WRDTC, University of Roorkee (US\$ 2.5 Lakhs; 3 years).
3. Third Phase Ford Foundation Project for the support of Post Graduate Programme in Irrigation Water Management at WRDTC, University of Roorkee (US\$ 2.5 Lakhs; 3 years).
4. India – IIMI research project on conjunctive use of ground water (Rs. 3.0 Lakh; 2 years).

10. Course materials, books, monograph video film etc. prepared:

S.No.	Year	Theme	Sponsor	Material
1	1993	Agronomy for Engineers	NABARD	Course materials
2	1996	Diagnostic Analysis for Irrigation Management	WRDTC	Video film
3	1997	Soil Science (Vol. I, II, III & IV)	IGNOU	Course materials
4	2000	Strategies of Irrigation Water Management	UGC,AVRC	Video Film
5	2002	Mausam Pt I, II, III	UGC,AVRC	Video Film

11. Professional Trainings obtained in India and Abroad:

S.No.	Year	Training Theme	Country
1	1981	Summer Institute on “Crop production and water use technology in Salt affected Soil “CSSRI,Karnal, May-June 1981.	India
2	1982	Winter School on “System analysis and plant growth modelling “ at PAU Ludhiana. May 1982.	India
3	1982	Short Course on “On Farm Water Management” at AIT,Bangkok Nov. 1982	Thailand
4	1986	Short course on “Safety aspect in the erection and maintenance of ucleonic Gauges” BARC Trombay, Nov. 1986.	India
5	1990	Short term course on “Editing and Publication” at BHU,Varanasi Feb.1990	India
6	1991	Short Course on “Agricultural Extension for Rural Development “ at Cori Mutigliano Lucca ITALY. Aug.-Sep. 1991.	Italy

12. Short Term National/International Trainings Organized:

S.No.	Theme	Amount (Rs)
1	Asstt. Coordinator, National level training programme on “Water use Management and Command Area Development” sponsored by Govt. of Tamil Nadu and held at Roorkee from March 15-April 15, 1984.	2.3 Lakhs
2	Asstt. Coordinator, National level training programme on “Training of Trainers” sponsored by USAID and held at Roorkee from March 15-June 15, 1986.	3.0 Lakhs
3	Coordinator, National level training programme on “Extension Technology For Efficient Water Management In Irrigated Agriculture” sponsored by MOWR Govt. of India and held at IITRoorkee from Oct. 17-23, 2001.	1.4 Lakhs
4	Coordinator, National level training programme on “Management of Sustainable Irrigated Agriculture Using Agroclimatic Data” sponsored by MOWR Govt. of India and held at IIT Roorkee (Feb. 7-13, 2005).	1.5 Lakhs
5	Coordinator, Short Course on “Irrigation Agronomy and Extension” for the officers of Oromia Irrigation Development Agency, Oromia, Ethiopia from March 14-June 10, 2000 at WRDTC, University of Roorkee, Roorkee.	US\$ 16,000
6	Coordinator, Short Course on “Small scale irrigation” for the officers of Ghana Irrigation Development Agency from Jan.5-20,2005 at WRD&M, IIT Roorkee.	US\$ 20,000
7	Coordinator, National level training programme on “Water management for sustainable irrigated agriculture using Agro-Climatic	1.43 Lakhs

	Data” sponsored by MOWR Govt. of India and held at IITRoorkee (Feb. 7-13, 2005).	
8	Coordinator, National level training programme on “Water management for sustainable agriculture Production in canal command” sponsored by MOWR Govt. of India and held at IITRoorkee (Feb 21-27, 2005).	1.43 Lakhs
9	Coordinator, National level training programme on “Extension technology for efficient water management in irrigated agriculture” sponsored by MOWR Govt. of India and held at IITRoorkee (Feb. 28- March 6, 2005).	1.43 Lakhs
10	Coordinator, National level training programme on “Irrigation Planning and Management for Production Sustenance in Irrigated Areas” sponsored by MOWR Govt. of India and held at IIT Roorkee (Dec 19-25, 2005).	1.58 Lakhs
11	Director, Short Course on “Ground Water Governance in Asia: Theory and Practice” in collaboration with International Water Management Institute, Sri Lanka from Oct.9- Nov. 15, 2006 at WRD&M, IIT Roorkee.	US\$ 27,000
12	Coordinator, National level training programme on “Irrigation Water Management for Sustainable Production in Canal Command”, sponsored by MOWR Govt. of India and held at IIT Roorkee (Feb.20-26, 2006).	1.58 Lakhs
13	Coordinator, National level training programme on “Watershed Assessment Techniques”, sponsored by PRAGYA an NGO and held at IIT Roorkee (Jun. 29- Jul. 1, 2006).	1.58 Lakhs
14	Director, Short Course on “Ground Water Governance in Asia: Theory and Practice” in collaboration with International Water Management Institute, Sri Lanka from Nov.13- Dec.1 ,2007 at WRD&M, IIT Roorkee.	US\$ 30,055
15	Director, Field Level Training on “Socio Economic Aspects of Ground Water Governance” sponsored by International Water Management Institute, Sri Lanka held at Roorkee from Dec. 23, 2007 to Jan. 24, 2008.	US\$ 6,000
16	Coordinator, National level training programme on “Correction of Irrigation System Deficiency For Improved Canal Irrigation”, sponsored by MOWR Govt. of India and held at IITRoorkee (Jan. 8-14, 2007).	1.58 Lakhs
17	Director, Short term training on “Seismic Design in Hydraulic Structures such as Dams, Water Conduit System & Power Station” sponsored by MeSEB and held at MeSEB Shillong (June 04-09, 2007).	3.2 Lakhs
19	Coordinator, National level training programme on “Application of Remote Sensing and GIS in Irrigation Water Management”, sponsored by MOWR Govt. of India and held at IIT Roorkee (Jan. 14-19, 2008).	1.63 Lakhs

13. Seminar/ Symposium organized:

S.No.	Association	Theme	Venue
1	Organising Secretary	Ist IWRS Symposium on “Integrated Water Management for agriculture, drinking and industry: Policies and is Jan. 24-25, 1987	Hyderabad
2	Organising Secretary	Iind IWRS Symposium on “Water conservation for National development” Dec. 12-13,1988.	Bhopal
3	Organising Secretary	IIIrd IWRS Symposium on “Watershed Develop- and Management”Feb. 20-22,1990	Kanpur
4	Organising Secretary	National Seminar on “Irrigation Management Policy” Feb 12-14,1992.	Jhansi.,
5	Organising Secretary	National Seminar on “Environmental Assessment in Irrigation Command “March 15-16,1996,	Roorkee
6	Organising Secretary	National Seminar on “India: Water Resources Management in 21 st Century” Dec. 27-28,1996.	Roorkee.
7	Chairman	International Symposium on Recent Advances in Water Resources Development & Management Nov. 25,2005	Roorkee
8	Convener	Farmer- Scientists interaction meets on different themes (Oct. & Mar. 2005, 2006,2007,2008 & 2009)	Roorkee
9	Convener	EARTH DAY with different themes in 2008 &2009	Roorkee
10	Nodal Officer	Bi Weekly preparation of Agro Advisory Bulletins Since June 2005 & contd	Roorkee

14. Institute’s Administrative Responsibilities:

S.No.	Period	Responsibility
1	2005-2007	Professor & Head, Department of WRD&M, IIT Roorkee
2	2000- contd.	Chief Editor, LION the Annual Magazine
3	2002-2003	Member, Green Campus Committee
4	2000-2002	Director, Technical Publications
5	2000-2002	Chief Warden, Khosala International House
6	1997-1978	Member, Roorkee University Entrance Examination
7	1995-1998	Dy. Chief Sports Advisor
8	1993-1997	Chief Warden, Khosala International House
9	1981-1982	Horticulture Officer (Additional Charge)
10	1983- contd.	Member, Senate
11	1995-2000	Member, Syndicate

Annexure I

Ph.D. Thesis Guidance

S.No	Year	Topic	Students
1.	1995	Development of a Soil Moisture Crop Response Model.	R.S.Dhotre
2.	1999	Simulation of Parameters Affecting Sustainable Productivity of Crop Land.	P.S.Charpe
3.	Dropped	Soil loss modeling from small watersheds in GIS environment.	K.P.Tripathi
4.	Dropped	Geo-Spatial approach for performance evaluation of irrigation command.	R.K.Singh
5.	Complete	Simulation study on land based activities in watershed.	Deshmukh Dhanajay Suresh
6	Ongoing	Discovery of Allelic Series for brittle and Dwarf Culmn in <i>Triticum monococum</i> through tillering.	Mr. Mohd. Javed Ansari
7	Ongoing	Transfer of traits for high Fe and Mn from “S genome Agilopes” in to wheat.	Km. Neelam

M.E/ M Tech. Thesis Guidance

S.No.	Year	Topic	Students
1.	1981	Optimum allocation of irrigation water in Ramganaga Project.	A.P.Jayant
2.	1983	Improvement in Irrigation management at Water Course level in Pomali Chomal Command Area (Central Jawa).	Sounomo
3.	1983	Evaluation techniques of different methods of irrigation.	Sutanto
4.	1983	Crop Water Management problem in Salawa Distributary.	Iran Kumar Baruah
5.	1983	Irrigation requirement for double cropping of low land rice in Keranganyar area (Central Jawa) Indonesia.	Dimun Umar Yani
6.	1984	An experimental study of surge flow irrigation.	Atmodjo Tolip Eko
7.	1988	Simulation of soil moisture status with reference to wheat crop.	Husen Achmad Fauzi Putra
8.	1992	A study of crop Husbandry in Lakhauti command.	Nagendra Prasad Mishra
9.	1994	Effect of soil profile variation on water management in rice.	Abdulla Musa Ali
10.	1995	Study of water management technique in rice on light textured soil.	Godkhindi Ulhas Dattatreya
11.	1995	Study on the agro climatic condition of India.	Mohd. Kasim. Yatnati
12.	1996	Study on soil climatic zones of sugarcane in India.	Rajendra Kumar Gupta
13.	1996	Study on the problem of irrigation management in Tawa command with particular reference to Nasirabad Distributary.	Abhay Kumar Jain
14.	1996	Study on the conservative use of water in rice cv. Saket-4 on light textured soil.	Raghuvendra Kumar Tiwari
15.	1997	Effect of swage sludge on properties of soil.	R.K.Singh
16.	1997	Socio-technical evaluation of minor irrigation ponds in Andaman Isalands (India).	Jayant Biswas
17.	1998	Response of manuring & irrigation on productivity of Rice cv <i>Pusa Basmati-1</i> .	A.L.Kurrey
18.	1998	Selection of optimal capacity of pumps for minor irrigation projects in North East Bangladesh.	M.A.Sattar
19.	1999	Improving the productivity of Rice cv <i>Pusa Basmati-1</i> through irrigation and fertility management.	Brajesh Kumar Verma

20.	2000	Impact evaluation of water users society in the command of Samrat Ashok Sagar Project.	A.K. Gupta
21.	2000	A critical study of irrigation management problem in Barna command.	A.K.Shende
22.	2000	Water and nutrient management in rice on sandy loam soil.	U.S.Rajput
23.	2000	Crop water requirement and cropping system in project planning with reference to Kolar Project.	Golwalkar Makarand
24.	2001	Performance evaluation of watershed development project for rainfed areas' of Andaman and Nicobar Island.	C.Vinod Kumar
25.	2002	Study on the environmental impact assessment of irrigated area.	Rama Kant
26.	2002	Impact analysis of Water Course lining in Sone command: A case study of Murka Distributary.	Deo Narayan Pandey
27.	2002	Use of Decision Support System for Agrotechnolgy Transfer in Predicting rice yield.	Ram Salone Sharma
28.	2002	Analysis of rice crop yield grown under the treatments of nitrogen and water.	Shailendra Kumar Jha
29.	2002	Cropping pattern analysis in command of Samrat Ashok Sagar Project in Madhya Pradesh.	P.K.Shrivastava
30.	2002	Performance Evaluation of Ban Ganaga irrigation system in Nepal-A case study.	Vedanand Upadhyaya
31.	2002	A comparative study of watershed management practices of a few watersheds in India and Philippines.	Wilson O Sususco
32.	2002	Application of Decision Support System for Agrotechnology Transfer (DSSAT) for prediction of yield of Maize.	Selvam M. Arul
33.	2003	Performance of sewage treatment plant (Hardwar) with respect to <i>Salmonella</i> and <i>Fecal coliform</i> .	Atul Yuwaraj Parkhi
34.	2004	Effect of row direction and organic manuring on growth development and yield of Hybrid Maize.	A.K.S.Kushwaha
35.	2004	Effect of organic manuring on growth development and yield of Hybrid Rice.	R.K.Pradhan
36.	2004	Application of Decision Support System for Agro technology Transfer on Hybrid Rice.	R.N.P.Yadav
37.	2007	Irrigation performance evaluation	Mohd.Azahar
38.	2008	Use of DSSAT to Evaluate the Effect of Climate Change on Rice Production	B.Chintamanie

Annexure III

M.E. Special Problems Guidance

S.No.	Year	Topic	Student
1.	1981	Management of water in Mustard.	A.V.Chandokar
2.	1981	Study on Irrigation water use efficiency in wheat.	R.K.Behre
3.	1982	Interacting response of Nitrogen level and irrigation schedule on wheat.	Soenomo
4.	1983	Soil-water relationship in wheat crop.	H.K.Lodh
5.	1983	Crop water use efficiency of wheat.	P.C.Kakoti
6.	1983	Evaluation of water application in wheat.	D.K.Chaudhury
7.	1983	Performance evaluation of Border irrigation.	A.B.Deshpande
8.	1983	Determination of field irrigation efficiency.	S.S.Ghosh
9.	1984	Moisture extraction pattern in wheat grown under different levels of nitrogen and irrigation.	Gurmel Singh
10.	1984	Response of weed control treatment to yield of wheat.	Billy Permono
11.	1984	Yield and yield attributes of wheat in response to different irrigation and nitrogen levels.	A.K.Ganguli
12.	1984	Growth and development of wheat as influenced by irrigation and nitrogen levels.	Woereotmo
13.	1984	Conveyance efficiency in field channel.	
14.	1984	Field irrigation efficiency.	
15.	1984	Energy reduction through improved irrigation practices.	V.C.Padhi
16.	1985	Impact of energy scarcity on crop production in tubewell irrigated areas: a case study of Roorkee block.	R.N.Raut
17.	1985	Evaluation of Border irrigation in wheat.	E.Wacheatzen
18.	1985	Evaluation of check basin irrigation on wheat.	Sapto Hady
19.	1985	Sugar flow irrigation study.	E. Bambang
20.	1987	Performance evaluation of sprinkler irrigation system.	Ashok Kumar
21.	1987	Performance evaluation of drip system/trickle irrigation system.	Pankaj Y. Patel
22.	1987	Soil and water conservation of Nalota Nala Watershed.	Kanwaljeet Singh
23.	1987	Seepage and percolation losses in rice field.	Suradi Sugang
24.	1987	Water use efficiency in paddy.	Doddy Oskandar
25.	1987	Water and irrigation management practices for Rice cv <i>Jaya</i> .	S.K.Payasi
26.	1987	Consumptive use study in Kharif crops.	Nguyen Quang Trung
27.	1987	Irrigation requirements for double cropping of low land rice in South Vietnam.	Vu Hai Thanh

28.	1988	Recharge of ground water from rice fields.	Tran Kim Thanh
29.	1989	Laboratory study of unsaturated flow.	Vinh
30.	1989	Water usage in high yielding rice on sandy loam soil.	Utsvanand Sahoo
31.	1989	Ground water quality survey of Roorkee Block.	H.L.Thuan
32.	1989	Effect of Mulching on the consumptive use of water in Maize.	
33.	1989	Effect of mulching on water conservation in crop.	Pham Thi Minh Nguyet
34.	1989	Appraisal of recharge of ground water from paddy field.	Vu Dinh Lieu
35.	1989	Determination of hydraulic conductivity of unsaturated soil.	Levane Hoe
36.	1992	Utilization of limited available water using drip irrigation technology.	S.I.Pattan
37.	1993	Design and construction aspects of ravine control works.	R.S.Singh

List of Popular Articles Published and Radio Talks delivered

1. **Tripathi S.K** (1977) Kharbuje ki saphal kheti. *Hamar Gaon. March 1977.*
2. **Tripathi S.K.** (1977) Zaid men urd ya moong. *Hamar Gaon. April and May, 1977.*
3. **Tripathi S.K.** (1977) Dhan ki nursery ki nai bidhi. *Hamar Gaon. June, 1977.*
4. **Tripathi S.K.** (1977) Bajara ki kheti. *Hamar Gaon. August 1977.*
5. **Tripathi S.K.** (1977) Rasainik bidhi se khar patwar bhagaon adhik ann upjaon. *Hamar Gaon. September 1977.*
6. **Tripathi S.K.** and S.S.Singh (1977) Toria, sarson aur als ki kheti. *Hamar Gaon. Sept 1977.*
7. **Tripathi S.K.** and J.C.Edward (1977) Bacterial culture dekar rasainik khad ki kami ko pura karen. *Hamar Gaon. September 1977.*
8. **Tripathi S.K.** (1977) Gehun ki kheti. *Hamar Gaon. November, 1977.*
9. **Tripathi S.K.** (1977) Rabi ritu ki yojna men pramukh baten. *Hamar Gaon. December, 1977.*
10. **Tripathi S.K.** (1997) Ekkeesavein Sadi Mein Jal Prabandh. *Talk delivered at AIR Nazibabad Feb. 1997.*
11. **Tripathi S.K.** (1997) Jal Sroton Ka Vaigyanik Dohan. *Talk delivered at AIR Nazibabad, May 1997.*
12. **Tripathi S.K.** (1998) Pahadon mein Peya jal dohan:samasya avam nirakaran. *Talk delivered at AIR Nazibabad. Dec.1998.*
13. **Tripathi S.K.** (1999) Jal Sanrakshan mein Am Admi Ki Bhoomika. *Talk delivered at AIR Nazibabad. March 03,1999*
14. **Tripathi S.K** (1999) Samudri Chakravat: Poorva chetavani kitani kargar. *Talk delivered at AIR Nazibabad Nov.1999.*
15. **Tripathi S.K** (2002) Vartman pariprekshya Main Jal Ka Uchit Prabandhan. *Talk Delivered at AIR Naziband on 24.5.2002.*
16. **Tripathi S.K** (2003) Bhoojal Pradushan even bachav: ak chunauti. *Talk Delivered at AIR Naziband on 28.3.2003.*
17. **Tripathi S.K** (2003) Jal sanrakshan kyon aur kaise. *Talk Delivered at AIR Naziband on 20.9.2003.*
18. **Tripathi S.K** (2003) Bhartiya Krishi Vikas ke Paripreksya Mein Uttaranchal Ki Krishi Neeti. *Manthan No. 1; pp 73-76.*
19. **Tripathi S.K** (2004) Bhartiya Sanskriti mein Jal Ka Sthan. *Manthan No. 2; pp 68-70.*

20. **Tripathi S.K** (2004) Khumb Parva ki vaigyanic avadharna. *Talk Delivered at AIR Naziband on 1-3-2004.*
21. **Tripathi S.K** (2005) Javik krishi aaj ki avashyakta. *Talk Delivered at AIR Naziband on 25-10-2005.*
22. **Tripathi S.K** (2005) Jal Ka Rajnaitik Pradooshan. *Manthan No. 3; pp 18-20.*
23. **Tripathi S.K** (2006) Jal Ko Pranam. *Manthan Vol. 4, 12-14.*
24. **Tripathi S.K** (2006) Mausam purvanuman kishano ke leya vardan. *Talk Delivered at AIR Naziband on 28-02-2006.*
25. **Tripathi S.K** (2006) Jal sanrakshan ki audhanik taknik. *Talk Delivered at AIR Naziband on 24-10-2006.*
26. **Tripathi S.K** (2007) Bhartiya Sinchit Krishi Ki Adhunik Samasyaen. *Manthan Vol. 5, 10-12.*
27. **Tripathi S.K** (2007) Kishano dwara jal parbandhan. *Talk Delivered at AIR Naziband on 26-06-2007.*
28. **Tripathi S.K** (2007) Vaigyanik Kheti. *Talk Delivered at AIR Naziband on 22-12-2007*
29. **Tripathi S.K** (2008) Khadya Utpadan Aur Krishi Ki Adhunik Takniq . *Talk Delivered at AIR Naziband on 22-01-2008*
30. **Tripathi S.K.** (2009) Dwitiya Harit Kranti *Talk Delivered at AIR Naziband on 27-01-2009*

Research Publications National and International JOURNAL

1. **Tripathi S.K.** and J.C.Edward (1977) Rhizosphere, Phyllosphere and Geocarposphere study of apparently healthy and virus infected groundnut plant. *Curr. Sci.* 42(20): 718-719.
2. **Tripathi S.K.** and J.C.Edward (1977) Response of rhizobium culture inoculation, zinc and molybdenum application to Soybean (*Glycine max*). *Indian J. Plant Physiol.* 39(2): 43-48.
3. **Tripathi S.K.** and J.C.Edward (1977) Studies on Rhizobium spp. associated with groundnut crop var. grown in U.P. *Allahabad Farmer.* XI. VI II(4): 485-496.
4. **Tripathi S.K.** and J.C.Edward(1978) Response of Rhizobium culture inoculation to maize (*Zea mays L.*) . *Allahabad Farmer* 4(92): 137-143.
5. **Tripathi S.K.** and J.C.Edward (1978) Response of Rhizobium culture inoculation, zinc and molybdenum application on rhizosphere and phyllosphere microbial population of soybean (*Glycine max. Marill*). *Curr. Sci.* 47(14): 503-504.
6. **Tripathi S.K.** and J.C.Edward (1978) Nitrogen enriching capacity of inoculated and uninoculated various kharif and rabi season legumes. *Allahabad Farmer.* 43(1): 43-46.
7. **Tripathi S.K.,** S.S. Singh and A.K. Ghosh (1978) Response of different weed control treatments and phosphate levels to groundnut. *Allahabad Farmer.* 43(2):101-104.
8. **Tripathi S.K.,** and J.C.Edward (1978) Isolation of efficient Rhizobium strain for groundnut. *Allahabad Farmer.* 43(2): 145-148.
9. **Tripathi S.K.** and J.C.Edward (1979) Effect of phosphorous application on geocarposphere microbial population of Groundnut. *Allahabad Farmer.* 44(2): 137-144.
10. **Tripathi S.K.** and J.C.Edward (1979) Phyllosphere study of wheat varieties grown in U.P. *Curr. Sci.* 48(2):74-75.
11. **Tripathi S.K.** (1979) Preference of ammonium sulphate application in first top dressing in *deb* method of rice cultivation. *IRRI News Letter.* 4(2): 21-22.
12. **Tripathi S.K** (1979) Summer ploughing overcomes zinc deficiency in rice. *IRRN News Letter.* 4(2):22.
13. **Tripathi S.K.** and J.C.Edward (1980) Beneficial effect of farmyard manure basal dressing in potato. *J. of Indian Potato Assoc.* 6(3):192-193.
14. **Tripathi S.K.** and J.C.Edward (1980) Green manuring in relation to vertical distribution of microorganism in soil. *J. of Indian Soc. Soil Sci.* 20(1): 134-135.

15. **Tripathi S.K.** (1980) Effect of phosphorous application and weed control treatments on growth, flowering and fruitification of groundnut. Allahabad Farmer. 45(1):23-29.
16. **Tripathi S. K.** and B. Chandra (1989) Organizing farmers for improving agricultural production in Upper Ganga command. *J.of IWRS*. 9(2):31-35.
17. **Tripathi S.K.** and B. Chandra (1990) Energy planning for agricultural watershed. *J. of IWRS*. 10(1) :52-55.
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16/06/09

SUMMARY OF DR. S. K. TRIPATHI BIO DATA

Dr. S.K.Tripathi was born on August 15, 1951 at his ancestral village located at 25° 40' 27.66" N and 81° 41' 42.13" E in Pratapgarh District of Uttar Pradesh. Dr Tripathi completed his primary schooling and secondary education in his village. He took admission in Allahabad Agricultural Institute (Allahabad University) in 1968 to pursue his higher studies in Agriculture. He obtained his B.Sc. (Ag.) in 1968, M.Sc. (Ag.) Agronomy in 1973 and Ph.D. in 1980.

Dr. Tripathi started his career as a Subject Matter Specialist (Agronomy) in 1977 and worked for about two years at Allahabad Agricultural Institute. Dr Tripathi as a team leader was responsible for organizing Field Demonstrations in Intensive Agronomic Practices on farmers fields, organizing field days and other extension activities of the farmers interest.

Dr. Tripathi joined as Agronomist in 1979 in the Department of Water Resources Development Training Centre, University of Roorkee. Dr Tripathi was responsible for the development of Academic Programme for Master of Engineering in Water Use Management which was subsequently renamed as Irrigation Water Management Programme. Dr Tripathi was also made responsible for the establishment of Demonstration Farm and Irrigation Water Management Laboratory. He completed this task single handedly and successfully. He was promoted as Reader in 1983 and then Professor (Agronomy) in 1995. Dr. Tripathi was appointed as Head of the Department of Water Resources Development and Management, Indian Institute of Technology Roorkee in 2005 for a period of three years. During his tenure as Head, he transformed the working and academic environment of the Department that resulted into tremendous infrastructure development, influx of research and consultancy activities.

Dr. Tripathi as a faculty has taught various subjects like agronomy, soil science, principles of irrigation, irrigation practices, land reclamation, on farm development, organizational management, evaluation of irrigation projects, cropping system modeling etc. He guided action oriented field research and organized field oriented diagnostic analysis for M.Tech. Programme in Irrigation Water Management. His interactive teaching methodology is very much appreciated by his students.

Dr. Tripathi has published 83 research papers in various national and international journals, symposium and conferences as well as 33 popular articles covering different aspects of Agriculture and Water Management. He prepared course materials on "Agronomy for Engineers" for NABARD, Bombay and "Soil Science" for IGNOU, New Delhi. He has prepared four Educational TV films on Irrigation Water Management and Mousam. He is regular speaker on All India Radio Nazibabad. He is a founder member of Indian Water Resources Society and shared its various responsibilities as Executive Member (1980-86), Joint Editor (1990-92), Editor (1992-94) and Secretary (1994-98). Presently Dr. Tripathi is presently the Executive Vice President of Indian Water Resources Society.

Dr. Tripathi has so far organized the Seven seminars/symposium and fifteen short term trainings. Dr. Tripathi has also organized various activities for the farmers to develop awareness about the judicious use of water, fertilizer, pesticide and high yielding variety seeds. Dr. Tripathi is on panel of expert on Selection Committees of different prestigious Institutions.

Dr. Triapthi specializes in Irrigation Water Management with emphasis on crop planning and field experimentation, irrigation system performance evaluation, weather forecasting and land evaluation etc. Currently he is busy working on his 03 research projects on irrigation management, agro-ecosystem dynamics and weather forecasting sponsored by different agencies of direct interest to farmers. Dr Tripathi is responsible for issuing Agro Advisory Bulletins (Bi Weekly) for the farmers of Hardwar District.