

# A Brief Profile *of* Technical Experts



Soil Conservation Society Of India  
New Delhi



# A Brief Profile *of* Technical Experts

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## *Compiled & Edited*

Dr. Suraj Bhan  
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## *Secretariat Assistance*

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2013

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## **Mission of the Soil Conservation Society of India**

To gain recognition as a credible think-tank, to provide over-views of the scientific community on policy issues of agriculture, to encourage expertise and promote excellence relating to agricultural sciences, making it a powerful instrument for the growth of national economy through a vibrant farm sector.

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### **Pledge**

We  
Pledge  
to ensure and  
ascertain the sustainable  
and optimal use of inherited land  
resources as generation equity,  
through their proper conservation,  
development and management for the welfare  
and continued of life on the planet



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We live on this Earth as  
guests of the green plants  
which convert  
sunlight into food  
and  
of the farm women and men  
who toil in sun and rain  
to cultivate them

– J.S. Bali



Care for Land  
Care for Water  
Care for Forests  
And the Grasses  
Mix Industry with Agriculture  
Get Productivity with Profits  
Within Bio-Industrial Watersheds

–Soil Conservation Society of India



## Background

Soil Conservation Society of India was born at Hazaribagh, Bihar (now in Jharkhand) in December 1951, at the National Symposium on Soil Conservation organized by the multidisciplinary Department of Soil Conservation created by the Damodar Valley Corporation, on the pattern of the TVA—Tennessee Valley Authority (of USA). It was registered at Patna, Bihar vide No. 14, 1952-53 under the Societies Registration Act of 1860.

The Society is indebted to the founder members who were present at the 1951 Symposium. We are grateful to them for their farsightedness. Some of them are still active and dedicated to the profession. A notable name among them is of Prof. J.S. Bali, who at 84 years plus, is still working for the Society and our profession with dedication and zeal of a high order. On his return from Malaysia in 1983, he revived the Society, which had gone dormant for about six years after the death of Shri K.S.V. Raman, ICS, the first President and the Editor. Prof. Bali had been President of the Society for two terms and is now a Patron, more accurately, a *working Patron and Advisor*.

Another outstanding name is that of late Dr. M.L. Dewan, who was the first Secretary of the Society. He was a live wire, ever humming with activity. He was devoted to the Himalayas. His interests ranged from the Soil to the Soul. He attracted a large number of volunteers who were affectionately called the Dewan Brigade. Passing away of Dr. Madan Lal Dewan on October 4, 2011, it is a great loss to the profession of soil and water conservation.

## Objectives

The objectives of the Society are to promote:

- (a) Survey of natural resources of the country viz. climate, land, water, plants, animals and human resources, in a systematic manner, in units of appropriate watersheds, using, among other conventional methods, the modern techniques of remote sensing, computerized information base for preventing and control of land degradation and development of protection and production programmes in the upstream as well as downstream zones of the watersheds.
- (b) Knowledge of sound soil and water conservation and management practices in order to prevent land degradation and enhance productivity levels; manage rainwater and runoff to provide a strong foundation for sustainable production systems from the land.
- (c) To bring processing industry upstream in a system of Bioindustrial Watershed Management, in order to make farming profitable for the farmers.
- (d) An integrated approach by the people and the Government on these problems with consequential coordination in direction and execution of all matters relating to soil and water conservation and management. This coordination will be of special significance in regard to legislative and executive policy of the Central and State Governments affecting the management of agriculture, forestry, irrigation, animal husbandry, land management, rural development, environmental protection, and other resource uses and conservation programmes.
- (e) The benefits of sound soil and water conservation practices in the effective control of soil erosion, sediment discharge and floods and increase of life of the storage reservoirs in all irrigation and water resource development projects with special reference to integrated development schemes of river valleys encompassing watershed management in the upper valleys and proper water management in the lower valleys.

## MEMBERS OF THE EXECUTIVE COUNCIL

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<b>Chief Patron</b>	:	Prof. M.S Swaminathan
<b>Patron</b>	:	Prof. J.S. Bali
<b>President</b>	:	Dr. Suraj Bhan
<b>Senior Vice President</b>	:	Prof. J.K. Singh
<b>Vice Presidents</b>	:	Mrs. Mridula Singh Shri G. Prakash Shri H.S. Lohan Shri P.C. Srivastava
<b>Secretary General</b>	:	Shri B. Rath
<b>Treasurer</b>	:	Shri Jagat Vir Singh
<b>Joint Secretaries</b>	:	Shri Pratap Singh and Shri R.A.S. Patel
<b>Councillors</b>	:	Dr. Anshuman Kohli, Shri K.C. Aich Dr. Satya Prakash, Shri Sitaram Banjara Dr. Vikas Sharma, Dr. C.P. Reddy Shri V.W. Ambekar, Shri B.V.N. Rao Dr. T.K. Sarkar, Dr. K.K. Sahu Dr. Susanta Kumar De Dr. Sanjay Arora, Shri C.M. Pandey Shri A.K. Sondhi, Dr. R.L. Karale Shri K.C. Momin, Dr. O.P. Singh

## EDITORIAL BOARD

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<b>Chief Editor</b>	:	Shri Shamsheer Singh
<b>Special Editor</b>	:	Dr. R.L. Karale
<b>Members</b>	:	Dr. T.K. Sarkar, Dr. Sanjay Arora, Dr. Suraj Bhan Dr. V.K. Bharti, Shri Hans Raj and Dr. A.K. Bhattacharya

## ADVISORY BOARD

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Dr. D.N. Tiwari  
Dr. J.S. Samra  
Dr. A.K. Singh  
Prof. J.S. Bali  
Dr. S. Subramaniam



## SWAMINATHAN, MONKOMBY SAMBASIVAN

Born in Kumbakonam, India on 7<sup>th</sup> August, 1925 Professor M S Swaminathan has been acclaimed by TIME magazine as one of the twenty most influential Asians of the 20<sup>th</sup> century and one of the only three from India, the other two being Mahatma Gandhi and Rabindranath Tagore. He has been described by the United Nations Environment Programme as “the Father of Economic Ecology” and by Javier Perez de Cuellar, Secretary General of the United Nations, as “a living legend who will go into the annals of history as a world scientist of rare distinction”. He was Chairman of the UN Science Advisory Committee set up in 1980 to take follow-up action on the Vienna Plan of Action. He has also served as Independent Chairman of the FAO Council, President of the International Union for the Conservation of Nature and Natural Resources and of the Pugwash Conferences on Science and World Affairs. He served as Chairman of the National Commission on Farmers during 2004-06 and is currently a nominated Member of Parliament (Rajya Sabha). He is also Chairman of the High Level Panel of Experts on Food and Nutrition, constituted by UN Committee on World Food Security.

A plant geneticist by training, Professor Swaminathan’s contributions to the agricultural renaissance of India have led to his being widely referred to as the scientific leader of the green revolution movement. His advocacy of sustainable agriculture leading to an ever-green revolution makes him an acknowledged world leader in the field of sustainable food security. The International Association of Women and Development conferred on him the first international award for significant contributions to promoting the knowledge, skill, and technological empowerment of women in agriculture and for his pioneering role in mainstreaming gender considerations in agriculture and rural development. Professor Swaminathan was awarded the Ramon Magsaysay Award for Community Leadership in 1971, the Albert Einstein World Science Award in 1986, and the first World Food Prize in 1987.

Professor Swaminathan is a Fellow of many of the leading scientific academies of India and the world, including the Royal Society of London and the U S National Academy of Sciences. He has received 66 honorary doctorate degrees from universities around the world. He currently holds the UNESCO Chair in Ecotechnology at the M S Swaminathan Research Foundation in Chennai (Madras), India.

Emeritus Chairman & Chief Mentor,  
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**SINGH, ANIL KUMAR**

Born in Kanpur, India on 29 April, 1952. Educated at Sr. Joseph's Academy, Dehra Dun, 1960-67; University of Lucknow, Lucknow, 1968-70; Indian Agricultural Research Institute, 1970-76; University of Hohenheim, Hohenheim, Germany, 1982-83; University of Arizona, Tucson, 1992; IRRI, 1993-95; Ph.D. 1977; Diploma in On Farm Water Management, 1992. Presently working as Deputy Director General (NRM), ICAR.

Scientist S-1, 1976-82; Scientist S-2/Senior Scientist, 1982-89 Indian Agricultural Research Institute, New Delhi; Principal Scientist & Incharge Soil Physics Unit, Indian Institute of Soil Science, Bhopal 1989-90, Principal Scientist, 1990-99; Project Director, Water Technology Centre, IARI, New Delhi; acting Director 2005-06 IARI, New Delhi.

**Awarded :** National Science Talent Search Scholarship, 1967 to 1976; German Academic Exchange Service (DAAD) Fellowship, 1983-83; Post Doctoral Fellowship, International Rice Research Institute, 1993-95; President, Agriculture and Forestry Science, 91<sup>st</sup> Session of the Indian Society of Soil science; President, Delhi Chapter of the Indian Society of Soil Science, 2001-02 to 2004-05; Secretary Indian Society of Water Management since 1999; 11<sup>th</sup> D.P. Motiramani Memorial Lecture, 2004; IARI Best Teacher Award, 2005; Soil Conservation Society of India Gold Medal, 2006; 33<sup>rd</sup> Dr.V.D. Tamhane Memorial Lecture, 2006.

**Fellow:** Indian Society of Soil Science, Indian Water Resources Society; Bhoovigyan Vikas Foundation; Foundation for Earth Sciences Development.

**Research Areas :** Soil-Water Nutrient-Plant-Atmosphere interactions, crop growth simulation, irrigation water management, integrated watershed management.

**Deputy Director General (NRM)**

ICAR, Vice-Chancellor, RVS Agriculture University, Gwalior  
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## PANDEY, CHINTA MANI

Shri C.M. Pandey was born on 15.07.1957 in a farmer's family of Allahabad, Uttar Pradesh. After completion of his Bachelor's of Science (Agricultural Engineering) from Allahabad Agricultural Engineering Naini, Allahabad. Mr. Pandey did his Master's of Engineering with specialization in Soil & Water Conservation Engineering from College of Technology and Agricultural Engineering (CT&AE), University of Udaipur.

Shri Pandey worked on various capacities in Indian Council of Agricultural Research (ICAR), Rajendra Agricultural University and also held the post of Assistant Commissioner to the Linguistic Minorities of India -which is a Constitutional post in past.

Shri Pandey who is recipient of 'Gold Medal Award, 2007' from Soil Conservation Society of India for outstanding work in area of Natural Resource Management, Soil & Water Conservation and Watershed Management was holding the post of Additional Commissioner (Natural Resource Management), NRM Division, Department of Agriculture & Cooperation, Ministry of Agriculture, Government of India from September, 2008 onwards and had been subsequently promoted on the same post in the pay scale of Rs.37400-67000 (PB-4)+GP of Rs. 8700 from May, 2012. Presently Shri Pandey is supervising Centrally Sponsored Programme of Soil & Water Conservation, Reclamation and Development of Alkali and Acid Soil besides, coordinating matters relating to National Mission sustainable Agriculture (NMSA) at National Level.

**Additional Commissioner (NRM)**  
Ministry of Agriculture  
Govt. of India  
103, /.....  
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## **BHATTACHARYA, ASHIM KUMAR**

Born in Nabadwip, India on 17 January 1994. Educated at Nandalal Institution, Chirkunda, 1955-56; Manbhum Victoria Institution, Purulia, 1957-60; Maharaja Manindra Chandra Nandy College, Kolkata, 1960-62; G.B. Pant University of Agriculture & Technology, 1962-66; Indian Institute of Technology, Kharagpur, 1966-68; McGill University, Canada, 1974-77.

Emeritus Scientist, Water Technology Centre, IARI, New Delhi 2006 to date.

Professor, Gujarat Agricultural University, Navsari, 1980-82; Project Coordinator, AICRP (Drainage), WTC, IARI, 1982-2002; Project coordinator, AICRP (Wells and Pumps), 1983-92; Actg. ADG (Emgg.) ICAR, 1996-97; Principal Scientist, WTC, IARI, 1986-2006

**Awarded:** ISAE Shankar Memorial Award, 1989-90; IARI Best Teacher Award, 1999; SCSI Gold Medal, 2005.

**Fellow:** Indian Society of Agricultural Engineers.

**Research Areas:** Agricultural land drainage, hydrology

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**KARALE, R. L.**

Dr. R. L. Karale is a Gold Medalist agricultural graduate of Nagpur University with M. Sc. in API and Remote Sensing from ITC, Netherlands; and Assoc. IARI and Ph. D. in Pedology from the PG School, IARI, New Delhi. He received training in Land Use Planning at Brisbane University, Australia, and in remote sensing applications and digital image processing at LARS, Purdue University, West Lafayette, USA and ARSC of the University of Arizona, Tuscon, USA., respectively.

Dr. Karale has nearly 3 decades of experience, under the Department of Agriculture, Government of India in various capacities including Chief of the All India Soil and Land Use Survey Organization (AISLUS). For brief periods he worked under the then Indian Photo-interpretation Institute (now IIRS) Dehradun as Professor in Soils Division and in SOSLR, Baghdad, Iraq as Soil Specialist. He subsequently headed the Regional Remote Sensing Service Centre (Dept. of Space) at Nagpur till 1992. After retirement on superannuation, he joined IN-RIMT as Director (Applications).

Dr. Karale, in early years of his career was primarily involved in soil mapping, classification, interpretation, development of soil survey techniques, land use planning and allied activities. He developed innovative land evaluation criteria for ravine reclamation suitability, rehabilitation suitability, plantation suitability and forest soil management. His contribution in the development of a methodology for prioritization of watersheds is well documented.

In later part of his career, he worked mainly on Remote Sensing applications. He was particularly responsible for operationalising aerial photo-interpretation and introducing remote sensing in soil survey activities of the AISLUS. He was nominated as the National Director of the UN assisted FAO Project on Remote Sensing for Land Development, AISLUS under the Union Ministry of Agriculture. Here, he conceptualized and developed remote sensing application projects related to varied aspects of soil mapping, soil degradation and land development under the FAO Project. His major contribution under ISRO, Dept. of Space has been towards development of viable methodologies for Land Use / Land Cover mapping in digital mode and Sustainable Developmental Planning. Under the IN-RIMT, he primarily shares the responsibility of developmental projects involving remote sensing and GIS applications. Most of the projects relate to natural resources management, sustainable developmental planning, watershed development, infrastructure development, urban planning and development of GIS with particular focus on land, soil, agriculture, and infrastructure.

He served on Executive Committees of many Professional Societies, including Indian Society of Soil Science, Indian Society of Soil Survey and Land Use Planning, Soil Conservation Society of India, and Indian Society of Photo-interpretation and Photogrammetry. He was Chairman of the Working Group on Remote Sensing of the International Society of Soil Science (1988-92). He is a Fellow of Maharashtra Academy of Sciences. He worked on several exploratory and ad hoc scientific, technical, and management committees of the Govt. of India. He authored more than 110 scientific/ research papers, 90 technical reports and 3 booklets, besides editing a book entitled, 'Natural Resources Management- a New Perspective', published under ISRO.

He traveled widely in India and abroad in connection with professional activities. Overseas, he visited USA, Spain, UK, Netherlands, Australia, Italy, Thailand and Nepal.

**Retd. Chief Soil Survey Officer (SLUSI), Shubhangan**  
67V, Vijayanand Layout, Narendra Nagar, Nagpur-440 015  
Maharashtra



## BALI, JASWANT SINGH

Born 18th December, 1923 in a farmer's family of village Gharota (near Pathankot) in Punjab; a bright student, obtained degrees of Bachelor of Science from Lahore, Bachelor of Science (Agricultural Engineering) from Allahabad (winning Gold Medal), and post-graduate courses in the Soil Conservation Service of USA.

Extensively reclaimed gullied waste lands in the poverty stricken rural country side of Bihar in Damodar Valley Corporation in the 1950s for rehabilitation of the oustees from dams, building ponds and conservation structures. Held with distinction positions of chief of all the institutions and establishments of soil and water conservation of Government of India. He was Head of Soil Conservation Research & Training Centre Dehradun, Professor at Indian Institute of Technology Kharagpur, Head of Soil & Water Conservation Division of Ministry of Agriculture, and United Nations Consultant in Bulgaria, West Indies, Rome and Malaysia.

He introduced the concept of watershed management in the national programmes of conservation and management of natural resources, and created the expanded version of the All India Soil and Land Use Survey. It was he who conceived the idea and successfully led the campaign to create the Central Department of Land Resources. Emphasizing ecology and economics, he highlighted the problem of profitlessness of Indian farming, and introduced (in his pioneering book) the far-reaching concept of Bioindustrial Watershed Management, which combined processing industries and sound marketing with resource protection and bio-production, in order to eradicate rural poverty. Prof. M. S. Swaminathan has these words to say (in the Preface to Prof. Bali's book on the subject):

"I hope soon every watershed in our country will become a Bioindustrial Watershed, in order to ensure work and income security to the rural families. We owe Prof. Bali a deep debt of gratitude for his labour of love." Also these words in preface to another book: "Prof. Bali, through his Bioindustrial Watershed Movement, has carved for himself footprints on the sands of time"

He has three technical books and over 150 papers to his credit. Quoting Prof. Swaminathan again: "Prof. J. S. Bali is a creative thinker and writer. Because of his love of nature and commitment to the conservation and sustainable use of natural resources, Prof. Bali has also become a poet." He Has produced three books of English poetry also.

He has been given the highest awards of the Soil Conservation Society of India, Indian Society of Agricultural Engineers and the World Association of Soil and Water Conservation( in their World Conference held in China).

Prof. Bali has remained active in the work of the Soil Conservation Society of India for the last 62 years. He also successfully launched the Society into the consultancy programme.

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**THAMPI, C.J.**

Born in 1933, obtained .Sc. (Agri.) and Ph.D. from West Bengal

Advance training in the areas of Soil and Water Conservation, Remote Sensing and Agricultural Management.

Held various positions including Soil conservation Officer in A&N (1958-72), Soil Chemist, Principal Scientist, Head Regional Centre Kolkata, NBSSLUP of ICAR (1972-1993), Commissioner Kerala State Land Use Board (1993-1997), President of TM Natural Resource Research & Development Centre, Thiruvananthapuram. Member Regional Committee, ICAR (1999).Co-Consortium Project Investigator, National Agricultural Innovation Project, ICAR (2009). QRT Member, NBSS & LUP, ICAR (2012).

Specialized in Land Resource Inventory, Reclamation & Development of Problem Soils, Soil conservation Research etc Prepared draft Land Use Policy for Kerala, Perspective plan for Kerala and Land Degradation reports.

Leadership award from SCSi (1996) Fellow of Institution of Chemist, Member of SCSi, Life Member of Many National & International Scientific & Development organization including Royal Society of Chemistry (Landon) & Society for International Development Italy. National Fellow award, SCSi.

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Email: prasanthit@dataone.in



**RAJPUT, TBS**

Born on January 1<sup>st</sup>, 1952 at Siau, Bijnor, Uttar Pradesh, obtained Bachelor of Technology degree in Agricultural Engineering from GBPUAT Pantnagar, Master of Technology degree in Soil and Water Conservation Engineering from IIT Kharagpur and Doctorate degree from IARI, New Delhi. Joined as Scientist S-1 at Water Technology Centre, IARI New Delhi in 1976 through first batch of Agricultural Research Service. Since then he has been working at Water Technology Centre in different capacities.

Dr T. B. S. Rajput has contributed significantly in the field of agricultural water management in general and pressurized irrigation systems in particular. His major contributions include development of canal operation policies, canal water distribution policies for achieving different levels of equity, development of procedures for optimal layout of fields and watercourses and design of low meters. Contributions of Dr. Rajput in the field of pressurized irrigation include development of design criteria for drip system, fertigation, hydraulics and dynamics of nutrient movement under different types of drip systems. He has received several awards including the Prestigious Rafi Ahmed Kidwai Award for his outstanding research contributions in the field of Natural Resource Management. Besides a large number of research articles, he has authored six books, eight technical bulletins and five computer software. He has guided thirteen Doctoral and five Master's thesis in Soil and Water Conservation Engineering. He has also conducted a large number of training programmes for State Government officials and farmers for popularizing water saving technologies including, those developed by him and has earned for himself the recognition as Best Teacher by IARI and ICAR.

Life Member of SCSI and Fellow of ISAE, IWRS and Institution of Engineers (I).

**Project Director**  
Water Technology Centre  
Indian Agricultural Research Institute  
New Delhi 110 012



**GUPTA, R.D.**

Born on 27<sup>th</sup> September 1941, educated at J&K University, B.Sc. (Agri.) 1965; at Ranchi University, M.Sc. (Agricultural Chemistry) 1968; at CSK HPKV Palampur, Ph.D. (Soil Science and Water Management) 1980; and Post Graduate Diploma in Ecology and Environment from Indian Institute of Ecology and Environment, New Delhi.

Started as Assistant Extension Scientist (Soil Science) in PAU; Assistant Scientist/Assistant Microbiologist and Associate Professor under CSK HPKV, Palampur; and Deputy Director Extension Education; Chief Scientist and Head; Chief Scientist (KVK); and Associate Dean under SKUAST Kashmir and SKUAST, Jammu.

Besides teaching soil science, environment and ecology, has guided many students of M.Sc. (Agricultural Chemistry). Has participated in much professional trainings and organized a large number of training programmes in the areas of Agriculture and Animal Husbandry as well as Home Science under Krishi Vigyan Kendra.

Recipient of US \$ 50 for his best articles among the participants for USDA and SAARC Journals. Awarded by the Central Mahajan Sabha, Jammu and Jammu and Kashmir Women Welfare Society for significant contribution in Agriculture Research during 1997 and 1998 and Transfer of Technology during 2001, respectively. He was chosen and conferred with an honorary appointment to the Research Board of Advisor by American Biographical Institute (ABI) USA in 1999. Awarded by SCSi in 2006 for outstanding contribution in the area of Teaching, Research and Extension. Awarded by Bharat Vikas Parishad during 2009. Selected and bestowed upon with "Gold Medal Plaque" by the ABI, USA during 2010 for his best work done in Extension, Research and Teaching in Agricultural Chemistry and Soil Science.

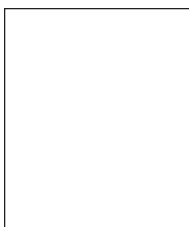
Life member of 13 various societies like Indian Society of Soil Science, Clay Minerals Society of India, Indian Society of Soil Survey and Landuse Planning, Soil and Water Conservation, Indian Society of Tree Science, Association of Rice Research Workers, Indian Society of Environment and Ecology, Society of Environment and People, Indian Farmers Digest, Agrobios Newsletter, Down to Earth, Agriculture Today and Ayurveda for Holistic Health.

Has 150 peer reviewed publications – research papers, review papers and book chapters in various journals of repute. Earned a number of extension and developmental articles in Indian Farmers Digest, Farmers Parliament, Farmers Forum, Agrobios Newsletter, Gram Vikas Jyoti, Environment and People, Bhawan's Journal, Down to Earth, Agriculture Today, Ayurveda. Contributed a number of articles in newspapers relating to agriculture and environment. Authored four books entitled "Problems of Soil and Forest Resources of North West Himalayas (1991)", "Environmental Degradation of J&K Himalayas and Their Control (2005)", "Environmental Pollution: Hazards and Control (2006)", "Glimpses of North West Himalayas (2009)" and "Integrated Nutrient Management (INM) in a Sustainable Rice-Wheat Cropping System (2009)" as co-author.

Acted as referee of Himachal Journal of Research, Indian Society of Soil Science, Journal of Clay Research. Remained paper setter for ARS for two consecutive terms in 2001 and 2005, paper setter for KAS in Agriculture. He is the Vice President of J&K Paryavaran Sanstha (Environment) Jammu and member of J&K Pollution Control Board.

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## SINGH, JAI KARAN

Born on February 02, 1950, did his B. Engg. from Allahabad University, 1972; M. Tech. (1974) and Ph. D (1979) in Soil & Water Conservation Engineering from IIT, Kharagpur; and Post Doctorate from Technical University, Braunschweig, Germany under German Academic Exchange Programme (DAAD), 1981-82.

Worked as Assistant. Executive Engineer, Central Ground Water Board, Govt. of India, 1977-79; Associate Professor at RAU/BAU Ranchi, 1979-84 and at G.B. Pant Univ. of Agric. & Tech., Pantnagar, 1984-89; Professor, Soil and Water Engg. at Pantnagar, 1989-2010; Head of Deptt. at Ranchi (1977-79) as well as GBPUA&T, Pantnagar (>10 yrs: 1996-99, 2001-06, 2007-10); Dean Student Welfare, 1999-2001; Dean Post Graduate Studies, 2006-10. Also worked as Visiting Scientist on Hydrological modeling, Technical University, Braunschweig, Germany, 1994-95.

**Awarded:** Institution Prize (twice: 1980-81 & 2002-03) and Certificate of Merit (1980-81) of The Institution of Engineers (India) for Best Publications; Commendation Medal, Indian Society of Agricultural Engineers (1997); Gold Medal, Soil Conservation Society of India (2004-05); Outstanding Teacher Award, GB Pant Univ of Agric & Tech, Pantnagar, 2003-04.

**Fellow:** Indian Society of Agricultural Engineers, 2001; Soil Conservation Society of India, 2008; The Institution of Engineers (India), 2008.

**Research Areas:** Soil & water conservation, watershed management, hydrology, prioritization of watersheds, optimum land use models, runoffs & sediment yield models for hills and plains, water management, soil and water conservation structures – design and installation / construction.

**Life member:** Indian Society of Agricultural Engineers; Indian Association of Hydrologists; Soil Conservation Society of India; Indian Association of Soil & Water Conservationists; International Society for Noni Science.

Dr. Singh is a widely travelled person and has visited many countries in connection with education, research and participation in Working group meets, International Conferences, Seminars and Workshops.

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## BAGDA, VIJAY KUMAR



Born in Jaipur, India on 15<sup>th</sup> July, 1935. Graduation in Agricultural Engineering in 1957 from Allahabad Agricultural Institute, Allahabad. Joined Agricultural Department, Government of Rajasthan as Research Assistant, Soil Conservation on 6<sup>th</sup> Sept, 1957 and retired as Director of Agricultural on 31<sup>st</sup> July, 1993.

### Important Trainings

- 1) ON year higher training in Land and Water use during 1970. This training was sponsored by the FAO of the United Nations.
- 2) Designing projects for Agricultural Development at the Indian Institute of Management, Ahaemdabad for 2 months in 1985.
- 3) One month TOT training management (PRA approach) organized by MANAGE Hyderabad.

After retirement working with different NGO's i.e.

- 1) Indian Institute of Rural Management from 1994-2008.
- 2) WAPCO's Delhi for 7 month.
- 3) CARE INDIA for 6 month.
- 4) N.K. Buildcon for Parwan Watershed Project – 1 year.
- 5) Now working with Jaipur National university





## DADHWAL, KULDIP SINGH

Born on 15th September, 1950 in village Saloh Beri of district Una, Himachal Pradesh, obtained B.Sc.(Ag.) and M.Sc.(Ag.) degrees from HP University, Shimla in the years 1973 and 1976, respectively and Ph.D. in Agricultural Chemistry and Soil Science from Agra University in 1988. He also had Post-Doc/specialized training in Root and root system studies in Agroforestry from Mississippi State University, MS, USA in 1991. Presently, he is Head of the Division, Soil Science and Agronomy at Central Soil and Water Conservation Research and Training Institute (ICAR), Dehradun.

Dr. Dadhwal has significantly contributed in the field of agriculture/environmental sciences. He is actively engaged in initiating, planning, conducting, guiding and supervising multidisciplinary research in the field of Resource Conservation and Watershed Management. He has brilliant academic career with two Gold Medals and more than 34 years of experience especially in the area of rehabilitation of degraded minespoils, soil fertility management, agroforestry and watershed management. He has characterized and eco-restored degraded minespoils, evaluated agroforestry species with soil working techniques and fertility management which helps in enhancing biomass yields, reducing runoff and soil loss, improving soil and water quality parameters and stabilizing degraded areas. He also studied tree-root interaction and its management in bouldery marginal lands under agroforestry systems for enhanced yields of cereals, oilseed and fodder crops under rainfed conditions. He has been instrumental in developing land use plans based on land capability for the degraded lands of Bundelkhand region and assessing, monitoring and mapping of erosion hazards for conservation planning in Uttarakhand Himalayas.

Dr. Dadhwal has received many prestigious awards. To site a few are : Lal Bahadur Shastri Memorial Gold Medal, HP University Gold Medal, SAIC Prize of SAARC countries; Dr. K.G. Tejwani Award; Environmental Conservation Excellency Gold Medal; Environmentalist of the year-2006 Gold Medal; IASWC Fellowship; Prof. E.P.Odum Gold Medal; ISAF Gold Medal; R.C. Chabba Samarak 'Himachal Shri award'; Bharat Excellence Award and Gold Medal; Intellectual honour 'Uttarakhand Ratan' and prestigious Fellowship Award of Indian Society of Soil Science. He has also been honoured by various National and International Societies/Academies as Honorary Member, Fellow and Honorary Fellow. Dr. Dadhwal has held various positions in professional societies/academies in the past and presently he is Vice-President of Indian Association of Soil and Water Conservationists, Vice-President of National Environmental Science Academy and the Editor of the prestigious journal of the Indian Society of Soil Science.

Dr. Dadhwal acquired trainings in India and abroad, rendered consultancy in watershed management development plans, conducted and presented INDO-US workshop, successfully organized various symposia/workshops/group meetings, presented papers in national and international conferences, guided Ph.D. students, imparted trainings and handled more than 34 projects (Institutional and externally funded) as PI and CoPI of ICAR, UNDP, Ministry of Textile (Jute Section), MoWR, State Govts., Planning Commission etc. He is a member of several international, national and state level committees and have more than 300 publications in refereed journals of national and international repute including books, bulletins, manuals, book chapters, reports, review papers etc. to his credit.

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**DAS, S.N.**

Born on 1<sup>st</sup> February 1952 at Katowa, Bardhaman District, West Bengal. He did his graduation in Chemistry Honours from University of Calcutta in 1970. Subsequently, he did his Masters in Agricultural Chemistry and Soil Science in 1972 and Ph. D in soil science in 1978 from University of Calcutta. Dr. Das started his carrier as Senior Soil Surveyor in the All India Soil and Land Use Survey in 1976 and served in various capacities such as Research Officer in Forest Research Institute and Colleges, Dehra Dun (UP) during 1978 – 1982; Soil Conservation Officer (API) in AISLUS and continued as Senior Soil Survey Officer till 1993; Later he assumed the charge of Chief Soil Survey Officer in AISLUS which has been renamed as Soil and Land Use Survey of India (SLUSI). He superannuated from the said post on 31<sup>st</sup> January, 2012.. During the period he transformed the soil survey activities from conventional to digital mode with the creation of infrastructural facilities comprising Remote Sensing, Geographic Information System, Relational Data Base Management System, Global Positioning System along with ICT infrastructure for GIS based Web Services for development of Geospatial Digital Data Base for dissemination of data to the user departments for watershed based soil and water conservation planning in the RVP/FPR catchment area. He was also National Director for FAO/UNDP project during the service carrier. He has received professional training from Indian Institute of Remote Sensing, Dehra Dun (UP); Environmental Research Institute, Michigan, USA and College of Geographic Sciences, Nova-Scotia, Canada in 1982 and 1986. Now he is Director, Amity Science, Technology and Innovation Foundation, Amity University, Noida (UP).

He published about 50 research and technical papers in the national and international journals besides publishing Technical Bulletin on District-wise Digital Microwatershed Atlas, Working Manual on Soil Analysis, Watershed Prioritization using RS & GIS, Compendium for Training Programme and Status of Soil Survey in India. He was also acted as external examiner for Ph. D thesis for IARI, New Delhi; Calcutta University; Andhra Pradesh University; Centre for Space Science and Technology Education in Asia Pacific (CSSTEAP) India, Dehradun, Uttaranchal and PKVV Akola, Maharashtra.

He is a member of various professional societies and received appreciation from Indian Society of Agricultural Chemists, Allahabad in 2000; Soil Conservation Society of India in 2000 and Centre for Land Use Management, Hyderabad in 2003 for contribution in the field of soil survey, development of geospatial data base for soil and water conservation planning and digital micro-watershed atlas for various states in the country.

Dr. Das was instrumental as an organizer for holding International Conference on Land Resource Management for Food, Employment and Environmental Security held in 9<sup>th</sup>-13<sup>th</sup> Nov. 2000 at Vigyan Bhavan, New Delhi and Regional Consultation on the Role of Agriculture Sciences and Technology for reducing hunger, rural livelihood and stimulating Economic growth at New Delhi on 12<sup>th</sup>-13<sup>th</sup> May, 2003.

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**ARORA, SANJAY**

Born in 1972, M.Sc. (Soil Science) Gold Medallist; Ph.D. (Soil Science) Shri Sanjay Arora has been an active researcher in the field of Natural Resource Management for more than 12 years. He was involved in teaching of Soil Science and Agricultural Chemistry at University level. Interested in sustainable rural livelihood through scientific interventions for Soil and Water and Watershed Management in foothill region. Presently working on management of degraded saline Vertisols and irrigation water management for sustainable crop production. He is also involved in bio-remediation of salt affected soils using halophytes and halophilic microbes.

Has more than 65 research & technical papers published in International and National Journals. Have edited 4 books and have contributed 54 popular and Semi-technical articles.

M.Sc. Gold Medallist; Young Scientist Award, SCSI Leadership Award; Fellow of National Academy of Biological Sciences

Life Member of SCSI, New Delhi; Councillor, SCSI, New Delhi; Secretary – SCSI Jammu Chapter, Active Member of various Technical & Professional Societies including World Association Soil and Water Conservation, Beijing. Associate Editorial board member, WASWC Newsletter; Editor, Journal of Soil & Water Conservation; Reviewer for 6 International Journals and 4 National Journals

**Present:** Sr. Scientist (Soils), Central Soil Salinity Research Institute (ICAR)  
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## **PRAKASH, G.**



Born in 1950 at Bengaluru, obtained B.SC. in Agriculture, M.Sc. in Agriculture (Plant Pathology) and completed Rashtra Examination, Dakshina Bharat Hindi Prachara Sabha, Madras during 1963.

Held various positions including Joint Director of Agriculture, Dry Land Development Project Mysore and Belgaum (1988-1992), Additional Director of Agriculture (Soil Conservation), 1997-2000, Director Karnataka State Seed Certification Agency, Bangalore (6 years and 1 month), Managing Director, Karnataka State Agro Corn Products Ltd., Bengaluru (2001-2002), Director of Agriculture, Karnataka State (2002-2006), Director of Watershed Development, Karnataka (2006-2009).

Effectively involved in the launch of Prime Ministers' Rehabilitation Programme in the six distressed districts of the State, namely, Hassan, Chitradurga, Belgaum, Kodagu, Shimoga and Chikkamagalore.

Second Best Productivity Award given by the National Productivity Council of India-2002, Gold Medal Award from SCS (2009) for outstanding contribution and dynamic leadership in the field of Watershed Development. Awarded GEC, New Delhi Rashtriya Ratan Gold Award 2009, IFS Rashtriya Gaurav Award, 2011, International Goldstar Award, 2011, Indira Gandhi Shiromani Award, 2011.

### **President**

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**LOHAN, H.S.**

Born in 1949, Completed B.Sc. (Agri. Engg.) from PAU Ludhiana in 1971.

Advance trainings in Project Design at Indian Institute of Management Ahmedabad in 1985 and Farm Implements Training in 1981.

Joined Deptt. Of Agri. Govt. of Haryana in July 1971 and worked on various posts. Retired as Additional Director Agriculture in 2007.

Has worked in the fields of Natural Resource Management viz. Water management, Ground Water, Soil and Water Conservation, Micro-Irrigation, Land Reclamation, Watershed Management, Surface and Subsurface Drainage etc. Also coordinated the implementation of externally aided projects namely (1) World Bank aided Integrated Watershed Project (2) Dutch Project for Subsurface Drainage as Project Director (15 years) and Executive Project Director (8 years) respectively.

Has visited various countries i.e. Japan, China, Egypt, Germany, Holland, USA, Italy, Switzerland, Israel, and Nepal, to study the NRM programmes.

Gold Medal by Soil Conservation of India, Commendation Medal by Indian Society of Agricultural Engineer.

Life Member of Indian Society of Agricultural Engineers, Soil Conservation Society of India, Participatory Irrigation Network of India.

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## SARKAR, AJIT KUMAR

Born in Comilla now in Bangla Desh in 2<sup>nd</sup> Feb., 1939. Matriculation from Dacca Board College education I.Sc. (1957), B.Sc. (1959) and M.Sc. in Soil Science in 1961 from Dacca University. BD. Ph.D. in Soil science and Agriculture Chemistry, Bisra Agriculture College, Ranchi University, 1979.

Worked in Pakistan (1961-64) as research Asstt. And Junior Officer Industries and Water and Power Development. In Collaboration with FAO Research on Salt Tolerance of Paddy and Kharif Crops Ganga Kobadak basin done.

Migrated to India in 1964 worked in Road and Building Research Govt. of West Bengal, Kolkata. Joined Damodar Valley Corporation (DVC) in 1965 as Soil Interpreter. As Soil Interpreter and Correlater Planned Integrated Soil Cons. Measures for erosion prone Damodar Catchment. Promoted to asstt. Soil Scientists (1975), in survey Division, Research Officer Farms (1984). Appointed Dy. Director (Soil and Fertilizer Div.) in 1989. Soil Acidity and N.P.K. map of DVC catchment prepared. Given promotion to the post of Jt. Director (1994 to Head Divisions, Research, Extension, Evaluation, Adaptive Research, Soil Laboratory & Training etc. Officiated as Director Soil Conservation several occasion.

Associated with Farmers Training and Agriculture Asstt. Training Govt. of Bihar 1987-99.

Imparted training on Soil and Plant relationships since 1979 to 1994 to the State Govt. staffs and officers in India including Foreign (Nepal, Afganishtan, Thailand). Training given on Hydrology and Sedimentation to State Govt. deputed trainees from different States of India 1976-2005).

Published 17 nos. papers on Soils and Soil Conservation.

Now retired and staying at Matwari House, Hazaribag, Jharkhand.

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**DESAI, MOTIBHAI V.**

Born on 1952 in Chansma block of Patan district in Gujarat. Obtained the degree of Bachelor of Engineering (Agriculture Engineering) from College of Technology and Agriculture Engineering. Udaipur, University of Udaipur, Rajasthan in 1977.

Worked as Senior Research Assistant in Gujarat Agriculture University at Navsari for 1 and half years. He has worked for 32 years on different posts starting from Technical Officer Class II to joint Director in Gujarat State Land Development Corporation Ltd. and dedicated for carrying out soil and water conservation as well as rain water harvesting and storage works in entire Gujarat state since its establishment in 1978.

Worked for planning and execution of different soil and water conservation activities as well rain water harvesting and storage works.

During the tenure, he also dealt with Planning and Budget of state plan and looked after state plan and Centrally Sponsored Schemes for Soil and water Conservation as well rescue and relief works for natural calamities like cyclone, flood and earthquake in Gujarat State.

Undergone trainings on different subject in different institutes like Tractor Training and Testing Station, Budhani, Madhya Pradesh, Sardar Patel Institute of Public Administration, Ahmedabad, Indian Institute of Public Administration, New Delhi, National Institute of Rural Development, Hyderabad, Andhra Pradesh, Water and Land Management Institute Anand, Gujarat. He has also training of Watershed Management and Soil conservation at Tahai Consulting Engineers, Tel- aviv, Israel. Carried on evolution of many Schemes like NWDPR & others.

Delivered many talks on All India Radio and Durdarshan on Soil and water conservation and rain water harvesting and storage & watershed Management. Presented few Technical papers on Soil and water conservation, storage of water & Lining of small water canal & watershed Management.

He has been given "Leadership Award" for care and conservation of natural resources by the Soil Conservation Society of India in the year 1997.

As the member of "Board of Studies" for Agriculture Engineering and Technology Faculty of Gujarat, Agriculture University for two years and life member of Soil Conservation Society of India, New Delhi.

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**BEHERA, UK**

Completed his school education (1979) from A.B. High School, Basudevpur, Orissa, B.Sc. Agri. (1987) from College of Agriculture (OUAT), Chiplima, Sambalpur, M.Sc. (1990) from GBPUA&T, Pantnagar and Ph.D (1996) from OUAT, Bhubaneswar. Obtained PG Diploma in Management (2003), MBA (Human Resource Management) (2004) and MBA (Operation Research) (2009) from IGNOU, New Delhi. He did post doctoral research (2002-03) on farming system modelling at the University of Reading, United Kingdom.

Served as scientist (1994-2001) at the IARI regional station, Indore and Senior Scientist (2002-2010) at IARI, New Delhi. Afterwards he joined as Associate Dean, College of Agriculture, Chiplima since January, 2011. He has attended 15 training courses relating to farming systems, Multi-criteria Decision Making Methodology, Water/Watershed Management, Use of Multimedia and Design of experiments in agriculture. He has a good number of publications to his credit: (i) research papers (60), (ii) review papers/ book chapters (15), (iii) Research popular articles (25), (iv) books/manuals (5), and (v) papers presented in seminars/symposia (20). He was awarded FAI Silver Jubilee Award for outstanding Doctoral Research (1997), ICAR team research award of ICAR (2002) for outstanding contribution to multi disciplinary research leading to enhanced food production in Madhya Pradesh state and IARI Hooker award (2009) for outstanding research contribution in the area of farming system research. He availed INSA Fellowship under bilateral scientific exchange programme to visit UK.

Dr. Behera has been associated with the release of 4 wheat varieties recommended for central India. Dr. Behera also visited USA, Australia and China to present research paper in the world congress. He has more than 20 years of experience in research, teaching and extension activities. Dr. Behera has served as Faculty member, Post Graduate School of Indian Agriculture Research Institute, New Delhi for about 10 years and guided 4 M.Sc. and 2 Ph.D. students. As Course Director and Course Coordinator, Dr. Behera has organized number of training programme and summer/winter school at national level for the faculties /scientists of SAUs and ICAR institutions. Dr. Behera has served as an eminent expert to ASRB, OUAT, CAU, GBPUA&T, RAU, Udaipur and IGNOU, New Delhi. Besides research, he has reviewed projects of ICAR, DST, DBT and Ministry of Water resources. His specialized areas of research are: Farming Systems, Water Management and Conservation Agriculture.

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## **SUDAM, GAJBHIYE KOTHIRAM**

Born on 29<sup>th</sup> July 1944; at village Surewada, district Bhandara (M.S.) obtained degree of B.Sc. (Agri.) in 1968 from Nagpur, University Nagpur and Ph.D. in 1978 from IARI, Pusa, New Delhi.

He started his career from CAZRI, Jodhpur as Sr.Research Assistant in 1969 and soil scientist 1971 at IARI Pusa, New Delhi as Sr.Soil Scientist and Principle Scientist at NBSS & LUP, Nagpur. Where he has held a position of Headm, Land Use Planning and Head Reg. Centere, Nagpur and rose to a position of Director in Feb.2001 (adhoc) and 2002 (regular). He superannuated from the position of Director in July,2006.

He has expertise in Soil Fertility Evaluation with reference to potassium and micronutrients particularly of Zinc, Soil Moisture stress and crop growth, Land Resource Inventory, Management, and Land Use planning in black soil region of the country.

His work on potassium was very frequently referred at International Potash Research Institute, Gurgoan, India. The work on Zinc was acclaimed for state Honour of Usha Zende Micronutrient Award. He has suggested the modification in AWC limit for black soil (Vertisoils) as 1 to 10 bar suction instead of 0.33 to 15 bar suction. The leadership and credit go to him in preparing Land Resource. Atlas of a few Important district of Madhya Pradesh, Chhattisgarh, Maharashtra, and Andra Pradesh. Besides, 5 books, over 100 research papers, and 18 Soil resource Map of India (1:1 mpscale) indicating 1643 of major great soil groups was published and released for National use, at the hands of Dr.M.S.Swaminathan.

Dr.K.S. Gajbhiye is one of the key associates in establishing the pioneer Indian Society of Soil Survey and Land and use Planning and starting its research journal. He held the positions of Secretary and the president of this reputed Scientific Society. He worked / working as a consultant for M.S. Swaminathan foundation, Magnum Foundation and Manoharbhay Patel College of Agriculture, Gondia (Maharashtra).

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**MISHRA, P.K.**

Born on June 12, 1956 at puri in Odisha, Completed his graduation from OUAT in 1978, M. Tech. (Soil & Water Conservation Engg.) in 1980 and Ph.D. (in Collaboration with University of Karisube, Germany) from IIT, Kharagpur in Agriculture Engineering (S&WC Engg) in 1990. He was the recipient of DAAD fellowship from Germany, best student Award from ISAE, New Delhi (1980), Jawaharlal Nehru Award of ICAR, New Delhi in 1991 for best Ph D.work in Engineering and Technology, Fellowship and Dr.K.G. Tejwani Award of Management of Natural Resources of IASWC, Dehradun in 2007, SCSI "Gold Medal" Award in 2008, Vasant Rao Naik Award 2010 of ICAR and Group Water Augmentation Award in 2011 (as a team member) from MoWR, Gol. He has about 220 publications to his credit including research papers in National and International journals of repute, books, book chapters, papers in national and international proceedings, popular articles, bulletins and reports and short communications. He has wide work experience in different capacities: as SRA at IIT, Kharagpur (March-Sept, 1980), Assistant Engineer in Govt. in Orissa (1982-1989), as Senior Scientist (1989-1998), Principle Scientist (1998-2005) and Project Coordinator (Dryland Research) in the All India Coordinator Project for Dryland Agriculture, CRIDA (ICAR), Hyderabad (2008-2012) and Head, CSWCRTI, Research Centre at Bellary (2005-2008). Presently, Dr. Mishra is working as Director, Central Soil & Water Conservation Research and Training Institute, CSWCRTI (ICAR), Dehradun since January 18, 20012.

Dr. Mishra worked on various aspects of dryland agriculture and SWC measures and compiled rainfed technologies for the benefit of extension workers in Andhra Pradesh. As a team leader, he has developed a drought management plan with state-of-art software for use by district level officials in Andhra Pradesh. He has developed low cost baffle-sluice irrigation module for volumetric supply of irrigation water. He documented indigenous technical knowledge (ITK) on soil and water conservation measures from different parts of India and brought out a useful publication. He addressed water related CPR and NRM issues through DFID projects. He was involved with Australian scientists on ICAR-ACIAR research project on soil sustainability indicator at CRIDA, Hyderabad. He has extensively studied the resource loss characteristics using unique facilities like rainfall simulator and tilting flume developed by him at CRIDA. Dr.Mishra was involved in 20 consultancy, contract research (national and international) and training programs during the last 20 years. He has visited Germany, UK, The Netherlands, USA and Australia on various study and research assignments.

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A large, empty rectangular box with a thin black border is positioned to the left of the name 'HAZRA, CHITTA RANJAN'.

## HAZRA, CHITTA RANJAN

Born on 15<sup>th</sup> January 1946 in West Bengal, he has done B.Sc. (Ag.) Hons. In M.Sc. (Soil Science & Agriculture Chemistry) and Ph.D (Soil Science) from Indian Agriculture Research Institute, New Delhi and Post – Doctoral Research in ‘Soil Water- Plant Relationship’ from Institute for Seed Research, Federal Research Center in Agriculture, Braunschweig, Federal Republic of Germany (1977-79).

Dr. Hazra has 38 years of varied experience in Education, Research and Development in agriculture. He hold several important Research Management positions viz. Head of Division (SS), Project Coordinator (Forage Crops), Assistant Director General (Integrated Water Management), Agriculture Commissioner (Additional Secretary) to Government of India and Vice Chancellor, Indira Gandhi Agriculture University, Raipur. He was Mission Director, Technology Mission on Cotton; Chairman of several important regulatory bodies and national committees viz. Registration Committee of Insecticides, Central Fertilizer Committee, Technical Committee Central Seed Certification Board, National Director Eastern India Poverty Alleviation Programme (FAO)\_ and Technical Head Technology Mission on Oilseeds and Pulses, Govt. of India. He has published 200 research papers, 3 books, 5 Bulletins and 130 Book chapters. Dr.Hazra for his contribution to agriculture research and education, development, planning and programme implementation in the country has the distinction of receiving several International (9) and National Awards (20). His contribution to research and development in the field of Natural Resource Management specially Watershed Management, National Resource Regeneration, Biodiversity Conservation, Afforestation and Environmental Protection and Organic Farming is immense. His contribution to Tejpura Model Watershed Research Project and Kharaiya Nala Watershed Project is exemplary.

As project Coordinator, he was a National Leader for his contribution to Forage crops and responsible for release of 100 varieties in different fodder crops and grasses. More than 26 fodder varieties in crops like rice, hybrid rice, oilseeds, pulses, vegetables, tuber crops, fruits, mushroom, coconut etc were released during his tenure as Vice Chancellor.

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## SINGH, SHAMSHER

Born on 01 July 1948, educated at GBPUAT, Pantnagar; B.Sc Ag. Engg. & Technology (1969); IIT Kharagpur M.Tech (Agri. Engg.), (1971).

Advance course/training in Soil & Water Conservation Engg. Better Water Use in Korea, Phillipines, Spain & USA (1980), Agriculture Land & Water Resource Development in Japan (1989), Soil Degradation & Conservation in Germany (1997), Natural Resource Management in Germany (2006) etc.

Has worked as Assistant professor in JNKVV, Jabalpur (more than one year) Assistant Director (Agri. Engg.) , Govt. of Madhya Pradesh (about 5 years), Worked on the various posts of Soil & Water conservation Division (now Natural Resource Management ) and retired as Additional Commission on June 30, 2008, Deptt of Agri. & Coop, Union Ministry of Agri. GOI (about 30 years).

Major Fields of Specialization are, Soil & Water conservation, Water & Watershed Management, Land Development & Reclamation, Soil Survey & Land Use Planning, Rainfed Agriculture, Impact evaluation, Information Technology application, Remote Sensing Application, Management of Natural Resources in Hills and Plains, Coordination and Monitoring of Externally Aided Projects, Devising suitable mechanism for appropriate use of common property resources, Agro-Forestry & Pasture Development, Issue of sharing the benefits from community resources, CBOs, livelihood support for landless, issue of Tribals, Woman and other Weaker Sections department on watershed resources ect.

Has published more than 35 Technical Papers in Leading Journals and edited 5 technical books/ guidelines. Has 36 years of Technical & Administrative Experience.

Commendation Award by ISAE (1990-91), Leadership Award (1996) Gold Medal (2000) National Fellow (2006) from SCSi, New Delhi.

Life Member of SCSi New Delhi, ISAE New Delhi, IASWC Dehradun and WASWC.

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## SINGH, SAHADEVA

Born on 05 December 1963, B.Sc. (Agri & AH) from CSAUA&T- Kanpur, M.Sc. & Ph.D. (Agronomy) from IARI, New Delhi, LLB from RDVV- Jabalpur, MBA from IASE University, Rajasthan.

Has worked as Scientist/Sr Scientist Scale (Agronomy) in NRCWS (ICAR)-Jabalpur from 1989 to 1995, Assistant Director (WS) at Plant quarantine Station (Dte. of PPQ&S), IGI airport, New Delhi from 1995 to 1999, Assistant Commissioner (Crops) from 1999 to 2006 in Department of Agriculture & Cooperation and worked as Deputy Commissioner (Crops) & Head, Policy and Plan Coordination, National Rainfed Area Authority, NASC Complex, New Delhi till 18-08-2011. Presently working as consultant in SCSL.

Major Field of specialization are Crop Husbandry, Water Management/Watershed Development, Rained Agriculture, Monitoring and Evaluation of Agriculture/ Horticulture/ Watershed Development Projects, Coordination of Research & Development projects.

Has published more than 25 Research Papers, 5 book Chapters, 4 Technical Reports, 3 Popular Articles, 15 Research Papers and 15 lead papers presented in National/International Symposium/ Conference. Represented as Expert Member/ Member Secretary in various National Committees viz. Academic Council of IARI during 1987-88, National Committee on Formulation of Plant Quarantine Regulation in India (1997), National Committee on Pest Risk analysis in respect to Weed (1998), National Committee on Revision of Plant, Fruit and Seed Order, 1989 under DIP Act-1914 (1988-99), National Committee on development of Base Paper on National Plant Quarantine System (1997-98), National Committee on Planting Materials (2004-2008), Board of Directors of Karnataka Cashew Development Corporation from 2006 to 2010.

SPPS Fellow Award-2001 by Society of Plant Protection Science – IARI-New Delhi, Fellowship Award 2002, Dr. S.L. Mishra Medal-2004 and Dr. R.S. Paroda Medal-2008 by Bioed Research Society Allahabad.

Life Members of ISA, ISWS, SPPS, ISAS, BRS, SCSL. President, Technical Officers' Association, Ministry of Agriculture, New Delhi.

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## KUMAR, VIJAY



Obtained degree in M.A. (Psychology) 1969, M.A. (Mathematics with Statistics) 1963 and Post Graduate Diploma in Operational Research.

Trained at CAB, Pune in Financial Projects for small and Marginal Farmers(1975), Project Implementation Workshop of IFAD in savings and Agriculture Lending programmes(1984).

Has served as Project Manager (1982-90) of SC cell and was responsible for facilitating Credit Linked Self Employment of State Scheduled Caste Development Corporation of Ministry of Welfare. As coordinator of AFC regional centre, NAEB (1988-2001); provided technical and administrative support for 12 years.

Has been Consultant to ADB, WB, IFAD and EU funded projects. Conducted concurrent evaluation of centrally sponsored programmes of MOA i.e. Rice, Coarse, Cereals, Oil seeds & Pulses. Has been consultant for the programmes of MORDJRY, RWS, TRYSEM and Watershed Programmes i.e. DDP, DPAP & IWDP and other programmes.

Leadership Award (1996) and Gold Medal (2000) by SCSI, Gold Medal by AFC for his contribution to the growth and Development of AFC.

Life Member of Indian Society for Extension Education.

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**BHAN, SURAJ**

Born on 15<sup>th</sup> July, 1945 at Sikehara, Etah, obtained B.Sc. (Agriculture) degree of Agra University; M.Sc. (Soil Science & Agri. Chemistry) and Ph.D. (Soil Science) at IARI New Delhi, National Fellow of SCSi.

He has undergone training for Agriculture Research Service Probationers for 3 months (1977) and one year job oriented inter-disciplinary training (1977-98). Trained in the areas of Land Use Planning for the Tropics (1984); Office Productivity Tool (2003), Reclamation and Management of Saline Soil and Management of Salt affected soils at Syria (1993).

Worked as Junior Soil Chemist/scientist, S-1(1975) at CTRI Rajamundry (ICAR), Specialist (Sedimentation) 1978, Dy. Commissioner (1982), Joint Commissioner (1990) and Additional Commissioner (1996-2005) with the Deptt of Agri. & Coop, Ministry of Agriculture, Govt. of India.

Specialization in Soil Fertility & Productivity, Soil and Water Conversation, Watershed Development, Land Reclamation, Soil Survey & Land Use Planning, Rainfed Agriculture, Impact Evaluation, Information Technology application, Remote Sensing Application, Management of Natural Resources in Hills and Plains.

Has 37 years of Experience in Technology, Scientific Research & Administration with academic brilliance along with professional achievements.

Has published over 105 Technical Papers in leading Journals, Wrote a book in Hindi on Management of Water in Dryland. Edited 26 technical bulletins, 40 Soil Survey Reports etc. and reviewed 22 papers.

Leadership Award(1992), Gold Medal(2002), National Fellow of the SCSi(2006) from SCSi and International Human Rights Award (2002).

Life Members of SCSi, IASWC, ISSS, ISRC, ISSSLUP, ISWM, ISCAR, and WASWC.

12-C Pocket A-14, Himgiri Apartment,  
Kalkaji Extn, New Delhi-110019  
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## SINGH, SHIV CHARAN



Born on 31<sup>st</sup> October, 1944 at Village Mirzapur in U.P. Graduate (economics) from Vardhaman College, Bijnor Agra University-1965.

He has served under State Govt. Service in the field of Public Health and Extension work since 1967 to 1970 and various responsible capacities under Centre Govt. Service in the Ministry of Agriculture since 12<sup>th</sup> June, 1973 to 1985 and retired as Assistant Commissioner (Forestry) Ministry of Environment & Forest Govt. of India on 31<sup>st</sup> January, 2004.

During his service tenure he has gone through various training i.e. Management Development Programme on "Empowerment of the disadvantaged through Institutional Finance" for National Minority Development and Finance Corporation and its related Agencies conducted by the Institute of Rural Management Anand (IRMA) Gujarat from 25<sup>th</sup> to 27<sup>th</sup> October, 2005.

Has been Consultant to : (1) Ministry of Environment & Forest, Govt. of India for monitoring of physical/financial performance of Afforestation/Wild life projects/programmes in the States and Uts., (2) Ministry of Rural Development, Krishi Bhawan, New Delhi for monitoring of physical/financial performance of Ministry' programmes created in different schemes in the States and UT's on National level monitor (NLM) since 19<sup>th</sup> Dec. 2007 to Jan., 2012 (3) National Minority Development & Finance Corporation Ministry of Minority Affairs, Govt. of India Since October, 2006 till date for pre & post sanction evaluation and monitoring of proposal submitted for loan to NGO (4) Expert (2008-2009) National Trust, Ministry of Social Justice & Empowerment Government of India working for empowerment of physically handicapped and mentally retarded persons. Voluntary Services (NGOs) : Working for empowerment of disadvantage classes specially for rural women/weaker section by imparting technical training for skill development in the trade of tailoring cutting embroidery local handicrafts.

Nominated member Northern Zone Railway User Committee 1997-98.

3-Institutional Area, Sector-IV, R.K. Puram, New Delhi-110022  
Tel. 011-26714303, Mobile-09978013060  
E-mail: Scsing\_india@yahoo.in



**SINGH, MRIDULA**

S.No.	Particulars	Details
1.	Name/Designation	<b>MRIDULA SINGH</b>
2.	Date of Birth	29th November, 1956 ( 29-11-1956)
3.	Address	C-15, Butler Palace Colony, Lucknow - 226 001
4.	Tel. No.	0522- 2238978 (O), 2208762 (R), 09335906314 (M)
5.	E-mail	<i>Mridula_ps@hotmail.com</i>
6.	Education (Degree& Above)	B.A. (Hons.)M.A. (Economics)Ph.D. (Under Process)
7.	Training/Specialized studies	Diploma in Advanced Course in National Economic Planning from Warsaw, POLAND.
8.	Employment Record & Specialized area	(a) Research Officer, State Planning Commission, U.P. (b) Assistant Commissioner, Rural Development Deptt. (c) Joint Director, State Land Use Board, U.P. (d) Additional Director, State Land Use Board, Planning Department, Govt. of U.P.
9.	Member of Professional/ Societies Technical	Vice President, Soil Conservation Society of India, New Delhi.
10.	Awards	(a) Leadership Award 1994 by S.C.S.I, New Delhi (b) Gold Medal Award 2000 by S.C.S.I, New Delhi (c) Citation in 2003 by C.L.U.M. & Govt. of A.P., Hyderabad (d) Sumer Memorial Award 2006 by S.C.S.I, New Delhi (e) National Fellow Award 2008 by S.C.S.I, New Delhi
11.	Remarks	Associated with national resource conservation management and development for almost 20 years. Organized many national conferences on related issues. Have attended and presented papers in many seminars and work-shops in the country.





**RATH, B.**

Born on 02 February 1961, graduated (B.Sc. Ag. Engg. & Technology) from Orissa University of Agriculture & Technology, Bhubaneswar (1983); Master Degree from Asian Institute of Technology, Bangkok, Thailand in Agricultural Land & Water Development Programme with **Swiss Government fellowship** (1989).

Obtained advance trainings/studies on Hydrological Monitoring and Watershed Management at Suderberg University, Germany; Dryland Agriculture Technology from Central Research Institute for Dryland Agriculture, Hyderabad; Remote Sensing Application in Watershed Management from Indian Institute of Remote Sensing, Dehradun.

Worked as Scientist in OUAT, Bhubaneswar (about 6 years); Worked as Assistant Commissioner in the Soil & Water Conservation Division (now Natural Resource Management), Deptt of Agri. & Coop, Union Ministry of Agriculture, GOI (about 7 Years); Worked as Deputy Commissioner in the Natural Resource Management and Rainfed Farming Systems Divisions, Deptt of Agri. & Coop, Union Ministry of Agriculture, GOI (about 9 Years); Working as Additional Commissioner in the Rainfed Farming System Division, Deptt of Agri. & Coop since February, 2012.

Major Fields of Specialization are Soil and Water Conservation, Water & Watershed Management, Land Development & Reclamation, Soil Survey & Land Use Planning, Rainfed Agriculture, Integrated Farming System, Impact Evaluation, Information Technology Application in Watershed Management, Remote Sensing Application, Management of Natural Resources in Hills and Plains, Agro-Forestry & Pasture Development, Common Property Resources, livelihood support system, project formulation etc.

Has published more than 25 Technical Papers in Leading Journals and edited 5 technical books / guidelines and has more than 28 years of Technical & Administrative Experience.

Leadership Award (2005) from SCSI, New Delhi

Gold Medal Award (2009) from SCSI, New Delhi

Life Members of SCSI New Delhi, ISAE New Delhi and WASWC

Working as General Secretary of SCSI, New Delhi

C-107, MS Apartment, K.G. Marg, New Delhi 110001

Tel.: (011-23384243); Mobile : 9868822636

E mail: brath\_v@yahoo.com



**PRAKASH, SATYA**

Born on 22 December 1968 at Titarpur, Kanpur Dehat graduated and post graduated in B.Sc. Ag. (Hons) and M.Sc Ag. (Hons) from Kanpur University, Kanpur during 1986 and 1988 respectively and Ph.D (Horticulture) with specialization in floriculture from Chhatrapati Shahu Ji Maharaj, University Kanpur, 2003.

Undergone advance trainings/studies on Horticulture and Drainage network from Israel and Egypt sponsored under U.P sodic land reclamation project with Word Bank assistance, Lucknow. Also attended training courses on Rural Development, Self help group formation, Watershed Development, Horticulture and sodic land reclamation offered at CSSR, Karnal, Manage Hyderabad, National Institute of Rural Development, Hyderabad and National Bureau Survey and Land Use planning, Nagpur etc. during 1995 to 2002.

24 years experience in Administration, Research and Extension, I have worked in different capacities as Project Manager U.P Bhoom Sudhar Nigam, at Manipur, Farrukhabad and Etah, Uttar Pradesh under UP Sodic land reclamation project with World Bank assistance of years and District Manager, UP State Agro Industrial Project Corporation Ltd, Lucknow of and Programme Coordinator/ Associate Director (extension) at Krishi Vigyan Kendra, Baghra Muzaffarnagar, Uttar Pradesh under Sardar Vallabh Bhai Patel University of Agriculture and Technology, Modipuram, Meerut. The nature of activities were on Natural Resources Management, promotion of Horticulture (fruits, vegetables and floriculture) and diversification of agriculture. Also activity associated with ATMA & NHM at district level programmes.

Major field of specialization include Soil and Water Conservation, Watershed Development and Management, Land Reclamation, conservation Agriculture Soil Survey & Land Use Planning, Integrated Farming System, Information Technology Application in agriculture, application of Remote Sensing in agriculture, Natural Resources Management in Hills and Plains, and Horticulture Development with floriculture.

Published more than 25 research Papers in various Journals, over 122 Popular Articles and 4 technical and Awards and Medals.

- i) Fellow of Hind Agri-horticulture Society (FHAS) Muzaffar Nagar in (2006) Society
- ii) Major R.S.Yadav SRDA Award 2008 Society for Recent Development in Agriculture, Meerut
- iii) Leadership Award (2008) from SCSi, New Delhi
- iv) Gold Medal Award (2009) from SCSi, New Delhi
- v) Best Paper Presentation in Field of Floriculture (2011) Society of Ornamental, New Delhi.
- vi) Young Scientist Award (2009) HI-Tech horticulture Society, Meerut.

Membership of professional societies.

a) Life Members of SCSi New Delhi (b) Horticulture Society, (c) Society of ornamental (d) HI – TECH horticulture society (e) Recent Development Society of Hindi Agri and Horticulture Society etc.

Appreciation were received from Managing Director U.P. Bhoomi Sudhar Nigam, Agriculture Production Commissioner UP, District Magistrate and Additional Commissioner, Ministry of Agriculture, Govt. of India etc.

Elected as Counsellor of Soil Conservation Society of India Society, Executive Counsellor Asian Journal of Horticulture, Editor of Horticulture Journal, HI-TECH horticulture Society and Joint Secretary in International Journal of Agriculture Science.

H-10, Duplex Akashdham Colony, Modi Puram, Meerut, Uttar Pradesh  
Mobile: 0941254012, E-mail: satyaagro@gmail.com

## SINGH, GREWAL SURINDER



Born on 27<sup>th</sup> October, 1943, Ph.D. Soil science (Soil & Water Conservation). He has worked with CS & WCR & TI Dehradun at Chandigarh Centre (16 yrs.), Director Regional Research Station for Kandi area PAU Ludhiana (10 yrs.) and team Leader of a technical support group of Watershed Development Project in HP and Haryana (5 yrs.). Has research experience of more than 3 decades covering. Natural Resources Management, Soil and Water Conservation/ Participatory Watershed Management in Rainfed Agro-Ecosystem, Refinement of Soil and Waters Conservation and management Techniques, Biological and Socio-economic Resource Bank, Agro-forestry, Hydrological Responses, Farming Systems etc.

Dr. Grewal has been associated in planning implementation, monitoring and impact evaluation, capacity building of USAID, Ford Foundation, World Bank, European Commission and JBIC founded Watershed Development projects and organized more than 100 courses for various categories of staff. Now serving through a Chandigarh based professional NGO namely Society for Promotion and Conservation of Environment (SPACE) as President.

Has 60 reviewed research papers, 2 books, 10 books of chapters. 35 Seminar papers, 25 technical papers, 8 technical bulletin and 20 technical project reports.

Co-receipient of ICAR award for Team Research (1991)-93) and Co receipient of KG tejwani award for 1998-99, role of honour by IASWC (2004), Leadership Award by SCSI (2006).

Member of SCSI, New Delhi, Member of IASWC-Dehradun.

House No.114, Sector-46/A, Chandigarh-160047  
email:grewal0114@yahoo.com

## MEDALS, AWARDS etc.

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The Soil Conservation Society of India has instituted the following awards to recognize Soil & Water Conservationists, Scientists, Executives, Planner, Extension Workers, students and NGOs for their excellence in development Agriculture Research and allied sciences including environment.

### (i) Classified Awards

- A. Bhu Ratna Award
- B. Life Time achievement Award
- C. National fellow
- D. Gold Medal
- E. Leadership Award
- F. Student Incentive Award
- G. SCSI Book Award

### (ii) Unclassified Awards

- A. Special Honour
- B. Honorary Membership Award
- C. Sponsored Awards

These awards are presented at the National Conference organized in one year.

## LIST OF AWARDEES

(1) **Bhu Ratna**

(2008), Prof. G. Madhavan Nair and Shri T.K.A. Nair (2009)

(2) **Life Time Achievement**

Dr. S. Subramaniyan (2008)

(3) **National Fellow**

Shri C. Patro (1998), Dr. G.B. Singh (1998), Dr. D.C. Das (1998), Shri R.N. Kaul (1998), Dr. J.S.P. Yadav (2006), Dr. Suraj Bhan (2006), Shri Shamsheer Singh (2006), Dr. C.J. Thampi (2008), Dr. Anand Swarup (2008), Dr. V.S. Dinkar (2008), Dr. J.K. Singh (2008) and Mrs. Mridula Singh (2008), Dr. P.L. Gautam and Dr. P.G. Chengappa (2009), Dr. S.V. Ngachan and Dr. K.K. Satapathy (2010)

(4) **Gold Medal Award**

Dr. Punayamoy Sen (1990), Shri N.S.S. Reddy (1990), Prof. S.N. Kaul (1990), Shri V.S. Madan (1990), Shri R.N. Gupta (1990), Shri H.T. Khemchandani (1990), Dr. N.D. Rege (1990), Shri Anmol Singh (1990), Dr. K.G. Tejwani (1990), Shri C. Patro (1990), Shri Y.P. Bali (1990), Dr. I.P. Abrol (1991), Dr. A.M. Michael (1991), Dr. S. Subramaniyan (1991), Dr. Gurmeh Singh (1991), Dr. M.L. Dewan (1992), Dr. K.S. Puri (1992), Dr. D.R. Bhumla (1992), Prof. C.R. Shanmugham (1992), Shri D.C. Das (1992), Dr. T.K. Sarkar (1992), Prof. J.S. Bali (1993), Dr. N.S. Randhawa (1993), Shri A.K. Mukerji (1993), Shri J.S. Gill (1993), Shri R.K. Mukherjee (1993), Shri T.K.A. Nair (1994), Shri Triloki Nath Dhar (1994), Dr. D.P. Rao (1994), Dr. P.K.S. Chauhan (1994), Shri H.S. Mathur (1994), Dr. G.M. Bharad (1996), Dr. S.T. Gaikwad (1996), Shri D.K. Mitta (1996), Shri P.K. Besnet (1996), Shri K.D. Dewan (1996), Shri M. Jyothi (1998), Shri Harihar Mishra (1998), Shri R. Thansanga (1998), Dr. V.S. Dinkar (2000), Dr. M. Velayutham (2000), Dr. S.N. Das (2000), Dr. G.S. Kaushal (2000), Dr. L. Venkataratnam (2000), Mrs. Mridula Singh (2000), Shri Shamsheer Singh (2000), Shri Vijay Kumar (2000), (space for 2003 and 2005 gold medalists), Dr. A.K. Singh (2006), Dr. R.L. Karale (2006), Shri O.S. Sushindiren (2006), Dr. D.K. Paul (2006), Dr. C.P. Reddy (2006), Dr. P.K. Mishra (2008), Shri C.M. Pandey (2008), Dr. K. Ramaswamy (2008), Dr. A. K. Maji (2008), Dr. K.C. Momin (2008) and Dr. K.B. Singh (2008), Shri B. Rath, Shri G. Prakash, Dr. R. Subramanian, Dr. Satya Prakash and Shri K.C. Aich (2009), Dr. Sanjay Arora, Mr. Alexander Syiem, Mr. Rockliff Rap Bor Roy Thabab and Dr. O.P. Singh (2010)

(5) **Leadership Award**

Dr. R.K. Sivanappan (1992), Prof. K.R. Swaminathan (1992), Dr. S.M. Virmani (1992), Prof. R.L. Karale (1992), Shri J.S. Gill (1992), Dr. V.W. Ambekar (1992), Shri T.K. Mukerjee (1992), Shri M.S. Nair (1992), Shri V. Kirekha (1992), Shri R.N. Sharma (1993), Dr. S. Chinnamani (1993), Dr. R.K.S. Chauhan (1993), Dr. Suraj Bhan (1993), Shri N. Govindan (1993), Shri D.C. Sud (1993), Dr. D. Chandrasekaran (1993), Shri Kamal Mishra (1993), Dr. G.S. Kaushal (1993), Dr. S.D. Khepar (1993), Shri Y.P. Sood (1993), Shri P.H. Vohra (1993), Dr. H.S. Sur (1993), Dr. N.G. Godse (1993), Shri J.M. Sharma (1993), Shri R. Thansanga (1993), Shri M.S. Bains (1994), Dr. C.J. Thampi (1994), Shri J.Y. Patil (1994), Dr. L. Venkataratnam (1994), Shri Vijay Kumar (1994), Shri S.P. Singh (1994), Shri

Shamsher Singh (1994), Shri P.S. Kundu (1994), Shri H.S.Lohan (1994), Shri M. S. Mastana(1994), Shri P.K. Mandal (1994), Shri Vasudev Verma (1994), Mrs.Mridula Singh (1994), Dr. C.R. Hazara(1996), Shri G.F.Thawakar(1996), Shri M. Joshi(1996), Dr. R.S. Ayyangar(1996), Shri Harihar Mishra(1996), Shri J.P. Mahalle (1996), Shri G.K. Nair(1996), Dr. N.G. Gautam (1996), Shri R.C. Meena (1996), Shri M.V. Desai(1996), Shri Nand Kishore (1996), Shri M.N. Omar(1996), Shri C. Lachungpa, (1996), Dr. S.D. Wankhede(1998), Shri C.M. Pande (1998), Shri K.A. Rajan (1998), Shri K.N. Chari(1998), Shri Shailendra Bhatt (1998), Shri K.K. Narula (1998), Shri K.C. Aich (1998), Shri Pratap Singh (2000), (space for 2003 and 2005 leadership award), Dr.S.S. Grewal (2006), Dr. K.K. Sahu (2006), Dr. O.P.S. Khola (2006).Dr. O.P.Singh (2006).Er. K.B. Ramakrishnan (2006), Shri R.K. Tiwari (2006), Dr. Sanjay Arora (2006), Dr. Atma Ram Mishra (2008), Shri B.V.N. Rao (2008), Dr. G.P. Pali (2008),Dr.Satya Prakash (2008), Shri Mohd. Hussain (2008), Dr. S.G. Chaudhury (2008), Shri Arup Rai (2008) and Dr. Seyed Hamidreza Sadeghi (2008), Shri P.V. Veeraraju, Shri G. Goneshan, Dr. Rajendra Prasad, Dr. J.P. Singh, Shri P.C. Srivastava, Shri H. Sanjeev Gowda and Dr. Vikas Sharma (2009), Dr. Virender Kumar Bharti, Mr. R.T. Asang Jamir, Mr.Kanak Chandra Gogoi, Mr. Donborsingh Kharsyntiew, Mr. Klaster Well Marbanianang and Mr. Shekhar K. Sangma (2010)

(6) **Student Incentive Award**

Mrs. Sangeeta Mohanty Ph.D. (2006), Ch. Jyotiprava Dash, M.Sc. (2008), Shri Bipul Deka, Ph.D.(2008) and Ms. Saima Khursheed, M.Sc.(2008), Dr. Purnima Mishra and Dr. G.V. Srinivas Reddy (2009)

(7) **SCSI Book Award**

Dr. Suraj Bhan (2006)

(8) **Special Award**

Shri K. Gowrappan and Dr. Deepak Sarkar (2009)

(9) **Commendation Award**

Shri K.H. Gopalkrishne Gowda (2009)

(10) **Norman Hudson Award**

Prof. J.S. Bali (2010)

(11) **Special Honours**

Shri Jai Kumar M.C.A (T.N.) 2006, Shri V.B. Eswaran (2006), Dr. Vijay K. Sardana (2006), Dr. S.P. Gawande (2006), Dr. V.N. Appaji Rao (2006), Dr. Y.N. Rao (2006), Shri D.C. Das (2006), Dr. C.R. Hazra (2008), Dr. V.V. Sadamate (2008), Shri N. Shankaranarayana Reddy (2008), Shri V.M. Ambekar (2008), Shri Anmol Singh (2008), Shri R.K.S. Chauhan (2008) and Shri Bhaskar Chatterjee (2008), Shri Ajay Deep Singh and Shri S. Subramanya (2009), Dr. P.L. Gautam (2010)

(12) **Honorary Membership Award**

Dr. D.N. Tiwari (2000), Dr. K.G. Tejwani (2000), Dr. M.L. Dewan (2000), Prof. J.S. Bali (2000), Shri N. Sankaranarayana Reddy (2000), Shri P.R. Mawthoh (2000), Dr. Rita Sharma (2008), Dr. Rita Sinha (2008), Dr. J.S. Samra(2008) and Dr. J.S.P. Yadav (2008)

(13) **Sponsored Awards**

- K.G. Tejwani Award - Dr. B.S. Negi (2006)
- N.S. Reddy Award - Dr. R.K. Sahmi(2006)
- Sumer Memorial Award - Mrs. Mridula Singh (2006) and Shri Gopi Srichandan (2008)
- Prof. J.S. Bali Award - Dr. R.L. Karale (2010)

## PUBLICATIONS OF SOCIETY

S. No.	Name of the Books	Rate
1.	Bio-Industrial Watershed Management (2005)	Rs. 150 (Hard bind)
2.	Challenges of Watershed Management (1998)	Rs. 250
3.	Proceedings of Pant Nagar 2005	Rs. 250
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6.	Advance in Land Resource Management (Published in International Conference on 2000-Volumell))	Rs.300
7.	Land Resourse Mangement (Published in International Conference on 2000)	Rs. 300
8.	Soil and Water Conservation in India (Published in 1993)	Rs. 250
9.	Advances in waste land development	Rs. 200
10.	Bio-Industrial Watershed Management—Hindi	Rs.100
11.	Conservation Farming (Published in International Conference 2008)	Rs. 500

Note: postal charges not include in these rates.

Please send the cheque in favour of "Soil Conservation Society of India" payable at New Delhi and send to below address

**Soil Conservation Society of India**  
G-4/A, National Societies Block, NASC Complex  
D.P.S. Marg, Pusa Campus, New Delhi - 110012