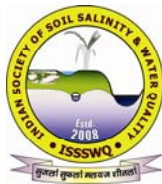


## National Seminar

on

## Soil Salinity and Water Quality

January 19 to 21, 2010



Organized by

Indian Society of Soil Salinity  
and Water Quality, Karnal



Hosted by



Central Soil Salinity Research Institute  
Karnal, Haryana 132 001

### Preamble

Quality of India's natural resources, i.e. land, water, climate and biodiversity is degrading at accelerated pace because of over exploitation and unscientific farming practices. A paradigm shift in our approach to agricultural research and development is called for to sustain food and nutritional security in the country. Although irrigated agriculture came as a saviour in the past, it may not be so in near future. Introduction of irrigation without making provision for adequate drainage is found to be the development of problems like water logging, soil sodicity and soil salinity. According to a database prepared by CSSRI Karnal, it has been assessed that the saline/sodic areas currently assessed at 6.73 M ha would jump to 11.7 M ha in 2025. Pollution of surface and groundwater resources due to natural and anthropogenic factors has also proliferated and the occurrences of poor quality water both spatially and temporally have multiplied in the recent past. Current estimate for sewage generated from domestic sector is 33,000 MLD<sup>-1</sup> up from a figure of 29000 MLD<sup>-1</sup> as per 2001 census assuming 30 % decadal growth in the urban population. Moreover, naturally occurring poor quality ground water resources are expanding and the kind of pollutants are of far greater concern than in the past. For example; arsenic contaminated ground water reported in West Bengal in the year 1980 is now being reported from parts of Chhatisgarh, Bihar, Jharkhand, Uttar Pradesh, Punjab and Assam. The disposal of wastewater is another area of concern that has already polluted our rivers and ground water.

Current researches have proved beyond doubt that the poor quality soil and water resources have tremendous potential to enhance food grains production and ensure livelihood security to millions of countrymen. Although a number of organizations are geared to work on these issues yet no appropriate forum is available for many of them to share their experiences for the larger benefit of the nation. It is in this context that Indian Society of Soil Salinity and Water Quality (ISSWQ) has planned to organise a National Seminar on Soil Salinity and Water Quality to bring researchers, planners, farmers and development officers on the same platform to evolve comprehensive holistic recommendations on diagnostic, reclamation and management options for poor quality soils and water.

### Scientific Programme

The following broad areas have been identified for discussion during the deliberations in the national seminar.

1. Emerging technologies for genesis, classification and assessment of salt affected soils/waters
2. Innovative technologies for sustainable management of salt affected soils and poor quality waters
3. Bio-saline agriculture, bio-drainage, bio- and phyto-remediation

4. Conventional, biotechnological and physiological interventions for introducing the trait of salt tolerance in crop plants
5. Energy plantations and other livelihood generating options for salt affected soils/waters
6. Climate change and its impact on soil-, water- and bio-resources in terms of salt, water, energy and gas exchange
7. Impact assessment, socio-ecological & socio-economic monitoring, knowledge based technology transfer
8. Policy research and related issues such as risk management/ insurance, public private partnership, IPR, Bio safety, contract farming etc.

### Submission of papers

The discussions would revolve round but not limited to the above broad categories. While invited articles would be presented through oral presentations, contributory papers would be presented through oral or poster presentations.

### Invited papers

Papers on specific topics concerning various themes would be invited by the society. The last date for receipt of extended abstract (about 2 pages) for invited papers is 15<sup>th</sup> November 2009, while the full length papers will be required to be submitted latest by 30<sup>th</sup> November 2009.

### Voluntary papers

Papers for oral/poster presentation will be accepted from intending participants. Interested persons are requested to send abstract of oral/poster paper(s) on any subject related with broad areas of the seminar. The abstract should be within one page (up to 250 words) in double space and typed in English (MS Word format). The abstract may be submitted through e-mail and/or by post along with a soft copy. The last date for receipt of extended abstract is 15<sup>th</sup> November 2009 while the full length papers should be submitted latest by 30<sup>th</sup> November, 2009.

Every abstract will be peer reviewed and only those found suitable will be accepted. While sending abstract(s), it is essential to mention the S. No. & Title of broad areas listed above under which it should be included. Participants of selected abstract(s) will be informed by e-mail wherever available or by post. Publication of full paper (Proceeding is proposed to be pre-printed) and presentation of oral/poster papers will be subject to registration. Not more than two abstracts will be accepted from a single registered participant. Awards will be considered for the best poster presentation. The editorial board would consider some good quality papers for publication in the forthcoming issues of the society journal provided that the senior author is member of the society.

## Venue

The seminar will be held at Central Soil Salinity Research Institute, Karnal, Haryana 132 001. Karnal is well connected by rail (Northern Railway) and road (NH1, GT Road). The nearest airport is Delhi. The weather at Karnal during January is generally cool. Heavy woollens/warm clothing are recommended.

## Registration

All participants are required to register in advance. The schedule and fee for registration is given below for various categories of participants. Fee for participation may be sent through Crossed Bank Draft in favour of "Indian Society of Soil Salinity and Water Quality", payable at Karnal.

The registration form or its photocopy may be filled and mailed along with demand draft. Please return this form latest by 31<sup>st</sup> December 2009. Registration form may also be downloaded from the CSSRI website: [www.cssri.org/isswq](http://www.cssri.org/isswq)

Details of registration fee	Up to 31 <sup>st</sup> December 2009	After 31 <sup>st</sup> December 2009
Delegates	4,000	5,000
Students/Farmers	1,500	2,000
Corporate house/representatives	10,000	12,000
Accompanying persons	1,500	2,000

NB: Registration fee once paid is not refundable or adjustable against any other person.

## Accommodation

Decent accommodation is available in the Dr. J.S.P. Yadav Scientist Hostel and Dr. I.P. Abrol International Training Centre at the CSSRI campus. Besides hotel accommodation is also available at reasonable rates.

## Post Seminar Tour

The post seminar tour will be arranged to the historical cities of Kurukshetra and Panipat on 21<sup>st</sup> January 2010. Please register your willingness at the venue.

## For registration and any query please contact

Dr. Pradip Dey  
General Secretary, ISSSWQ  
CSSRI, Kachwa Road, Karnal-132 001.  
Email: [pdey@cssri.ernet.in](mailto:pdey@cssri.ernet.in), [pradipdey@yahoo.com](mailto:pradipdey@yahoo.com)  
[www.cssri.org/isswq](http://www.cssri.org/isswq)

## National Seminar on Soil Salinity and Water Quality (January 19 to 21, 2010)

Organised by  
Indian Society of Soil Salinity and Water Quality, Karnal

### REGISTRATION FORM

Name (Capital letters):.....  
Profession:..... Designation:.....  
Organization: .....  
Mailing Address:.....  
..... City.....  
State:..... Pin Code:.....  
Phone with code: Office:..... Res:.....  
Mobile:..... Fax:.....  
E-mail:.....

Are you member/life member of the Indian Society of Soil Salinity and Water Quality? Yes / No

Accompanying persons if any:  
Name:.....

### Broad area and title of the paper:

Details of registration fee: Amount (Rs.).....  
Demand Draft No.:..... Date.....  
Name of the bank and branch.....

Date:..... Signature.....

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