

DATE AND VENUE

The Conference is scheduled to be held during **8-10th March, 2014** at Central Soil & Water Conservation Research & Training Institute (CSWCRTI, ICAR), Dehradun and other governmental facilities nearby.

SIDE EVENTS

The conference will have side events like conferment of various awards, **networking of stakeholders, educational tour** to mountain watersheds and research farm, exhibitions, informal group deliberations and cultural evenings.

REGISTRATION FEE

Registration fee is Rs. 2000/- for delegates and Rs.1000/- for students & farmers. However, invited farmers will be exempted from the fee. Payments in the form of demand draft or multicurrency cheque drawn in favor of **Organizing Secretary, FFCSWR** payable at **SBI, CSWCRTI branch, Dehradun** should reach **Organizing Secretary** by **January, 15th 2014**.

ACCOMMODATION

Necessary accommodation will be arranged for the selected farmers and invited speakers. On request, accommodation for all other participants shall be arranged on payment basis.

TRANSPORTATION

The delegates will have to make their own arrangements for transport from Airport, Railway station, Bus stand, which are located at 30, 04 and 06 km away from the guesthouse of CSWCRTI/hotels, respectively and have good transport services. The transport from guesthouses to the conference venue and back will be arranged by the organizers.

ABOUT ORGANIZERS: IASWC AND CSWCRTI

The Indian Association of Soil & Water Conservationists (<http://www.iaswc.com>) and the Central Soil & Water Conservation Research & Training Institute <www.cswcrtiweb.org>, Dehradun, Uttarakhand are the premier organizations dealing with soil & water conservation and watershed management issues in India. The IASWC was found in 1972 and has **over 1900 life members and nearly 80 Institutional members**. The IASWC publishes a peer-reviewed Indian Journal of Soil Conservation and holds international, national & regional conferences regularly. The CSWCRTI has roots from 1954 and functions under ICAR since 1st April 1974 with its headquarters at **Dehradun and 8 research centers**, viz. Agra, Bellary, Chandigarh, Datia, Koraput, Kota, Ooty and Vasad. The Institute with national mandate has developed many successful watershed models

and production and conservation technologies and trained wide range of stakeholders across the country and the world through regular long-term and short-term training courses.

ABOUT DEHRADUN

Dehradun is the capital of Uttarakhand, located on foothills of the Himalayas (650 m amsl) between the Ganges on east and the Yamuna on west. It is 236 km north of India's capital, New Delhi. It has picturesque landscape, popular nearby tourist destinations like **Haridwar, Mussoorie and Rishikesh**, reputed **NGOs, schools and educational institutions** and many premier Central Institutions. The climate during March is pleasant. It is well connected with train, road and air ways.

IMPORTANT DUE DATES

Abstract & reg. fee submission : 15th January, 2014
Abstract acceptance-Intimation : 1st February, 2014
Full length paper submission : 15th February, 2014
Conference dates : 8-10th March, 2014

Organizing Committee at CSWCRTI, Dehradun

Chairman : Dr PK Mishra, Director, CSWCRTI, D. Dun.

Co-Chairman : Dr OP Chaturvedi, Head (Plant Sci. Division)

Coordinators : Dr GP Juyal, Head (H&E Division)
Dr NK Sharma, Head (SS&A Division)
Dr AK Tiwari, Head, CSWCRTI, RC,
Chandigarh

Organizing Secretaries : Dr M Muruganandam, Sr Scientist (Fisheries)
Dr D Mandal, Sr Scientist (Soil Science)

Jt Organizing Secretaries : Dr R Kaushal, Sr Scientist (Forestry)
Dr AC Rathore, Sr Scientist (Horticulture)
Er S Patra, Scientist (SWCE)

Members : Dr B.L Dhyani, OIC (PME Cell)
Dr Harsh Mehta, Pri. Sci. (Plant Breed.)
Dr Ambrish Kumar, Pri. Sci. (SWCE)
Dr DV Singh, Pri. Sci. (Soil Science)
Dr UK Maurya, Sr Scientist (Soil Science)

Address for correspondence
Organizing Secretary, FFCSWR-2014,
Central Soil & Water Conservation Research & Training Institute,
218, Kaulagarh Road, Dehradun- 248 195 (Uttarakhand).

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Conference on

FARMERS FIRST FOR CONSERVING SOIL AND WATER RESOURCES IN NORTHERN REGION

FFCSWR-2014

8-10th March, 2014

Dehradun, Uttarakhand



Organized by

**Indian Association of Soil and
Water Conservationists**
Dehradun, Uttarakhand

In collaboration with

Central Soil and Water Conservation Research and Training
Institute, 218, Kaulagarh Road, Dehradun-248 195
(Uttarakhand)

Conference on Farmers First for Conserving Soil and Water Resources in Northern Region (FFCSWR - 2014)

The northern region includes two different physiographic zones-The mountainous & sloppy terrains of Himalayan region (**Jammu & Kashmir, Himachal Pradesh and Uttarakhand**) and the Indo-Gangetic plains (**Chandigarh, Haryana, NCR of Delhi and Punjab**) occupying 42.76 m ha (13% India's TGA). The strategically located region in sub-tropical climate has unique social, ecological and political importance with diverse natural resources-the land, soil, water and biodiversity along with unique cultures and agro-climates that supports over 100 and 38 million people and livestock (both >8% of India's total), respectively. The extensive network of the Ganga and the Yamuna river systems and abundant water resources of Himalayan States form the “**water tower**” and **lifeline** for people living in far and wide. Haryana and Punjab (the land of five rivers) are the leaders in production of various commodities of agriculture, horticulture, livestock and fisheries and hence have unique importance for agricultural development.

Despite the abundance of natural resources, the region has many sustainability problems owing to undulating terrains, excessive loss of soil and biodiversity, nutrients deficiency, climatic constraints, frequent natural calamities and prevailing over-exploitation or mismanagement of resources affecting large population. While part of the region receives >1000 mm annual rainfall and has good irrigation facilities and productive soils, rest about 45% of the area suffers from various levels of erosion risks, resource degradations, low rainfall (<700 mm), poor irrigation sources and loss of productivities that threaten people haplessly. The **potential soil erosion rate and soil loss is often more than the soil loss tolerance limit, which varies widely and reaches over 770 t ha⁻¹ yr⁻¹** in the region. These relentless problems related to natural resource management (NRM) have brought resentment among local people and many popular movements like “**gaon bachao andolan (save villages movement)**”, **Save Rivers, Save Ganga, Save Himalayas and Chipko Movement**. Although R&D on soil & water conservation and NRM executed by NGOs, State and Central agencies have evolved many potential technologies and significant progress their large scale adoption or benefits to farmers/end-users and status on resource degradation have been mixed probably due to associated complexities and diversities. In all, the situation or the factors that cause downward spiral must be moderated/reversed through benign policies on NRM that would provide enabling environment to conserve region's natural resource endowments and

transform them into products, goods and services in sustainable ways.

In response to the precarious agricultural & farmers' situation and continuing resource degradation in most parts of the country due to various causes and negligence the Indian Association of Soil & Water Conservationists (IASWC) has planned to organize series of conferences with the multi-sectoral approach on region wise in line with one of the flagship focuses of the ICAR, “the Farmers First”. This Conference on “**Farmers First for Conserving Soil and Water Resources in Northern Region**” has been conceptualized in pursuance of the first successful conference in the series on southern region at Bangalore in March, 2013. Conservation thrusts of other regions of India will be addressed in future conferences. **The first of its kind** conference series in India will help to understand the ground realities, impact of scientific & technological innovations in NRM and sensitize researchers, policy makers & administrators besides enfolded farmers into NRM efforts.

In the wake of recent havoc that struck western Himalayan States, particularly Uttarakhand due to **disastrous flash floods and landslides affecting human lives, animals, range/farm lands, aquatic resources and world famous Chardhams yatra** during mid-June 2013, this conference is very timely and most appropriate. The facilitated participatory deliberations on farmers' views and experiences in the conference shall provide enriched syntheses of actionable research ideas, way forward-recommendations and policy frameworks to improve NRM programs, land and water productivities and livelihoods.

THEME AREAS

Considering the increasing awareness about soil & water conservation and integrated watershed management (IWM) and prevailing limited understanding on human dimensions including the experience of farmers/end-users in large scale adoption of several NRM technologies, the conference would address the **missing links** of farmers' participation in technology development and develop **shared responsibilities** for area- and need-based R&D in NRM. Therefore, the conference shall deliberate on all prime concerns of resource conservation in **arable & non-arable lands, integrated farming systems**, impacts of various flagship schemes of GoI like **MGNREGA, common guidelines** for IWM, watershed-based management of water resources, agriculture and various ecosystems etc. under the following 5 cross-cutting themes.

1. **SWC: Best Soil & Water Conservation** practices and rehabilitation of degraded lands-Impact on resources and productivities in northern region of India.

2. **IWM: Integrated Watershed Management** for resource conservation, productivity enhancement and livelihood security - Lessons and success stories.
3. **Ecosystems: Role of soil & water conservation measures** in sustenance of **ecosystems & their services** for livelihoods etc.- Managerial needs, farmers' perspectives etc.
4. **Participation: People's participation**, role of women, empowerment of farmers and other social issues in NRM.
5. **Governance: Institutional and governance** for soil & water conservation and IWM: Role of *Panchayati Raj* Institutions, GOs, NGOs and Community organizations, management of CPRs, reforms required etc.

PRESENTATION

Presentation by chosen farmers on their views and experts on keynote/invited papers and posters of other participants shall be conducted through following 2 technical sessions.

Session 1. Soil & water conservation and IWM in **Shivaliks, Himalayas and trans-Himalayan** region

Session 2. Soil & water conservation and IWM in **Trans-Gangetic plains and flood plains**.

CALL FOR PAPERS AND PARTICIPANTS

This conference being unique and different from others it attracts multi-stakeholders with the focus on farmers and farmers-led researches. Abstracts on the results of outreach activities, research or lessons learned from the experience while working with farmers on all areas in the above 5 themes are invited from participants. Unique experiences or success stories observed on relevant technologies under any prevalent production systems (Agriculture, Horticulture, Agro-forestry, Livestock and Fisheries) at gross-root conditions may also be sent for deliberation. All concerned are requested to nominate few innovative farmers (in the enclosed format) who have unique experiences or richly contributed to production systems through effective soil & water conservation and IWM. The IASWC will select deserving farmers and invite to the conference at its cost for making oral presentation on their relevant experiences. Also, those farmers will be felicitated during the conference. Abstracts should be typed, double spaced **in English** in MS Word with 10 pts normal text and limited to **500 words**. This should include title (14 pts bold), author(s) (12 pts bold), affiliation (12 pts *italics* normal), mailing address, telephone, fax and e-mail (12 pts normal). **Farmers may submit abstracts in Hindi either typed or hand written**. Both the hard and soft copies of abstract and full-length paper should reach **Organizing Secretary** by due dates.

REGISTRATION FORM
Farmers First for Conserving
Soil and Water Resources in Northern Region
(FFCSWR-2014)

8-10th March, 2014

Name :
Designation :
Organization :
Mailing Address :
Phone :
Fax :
E- mail :

Registration Fee

D.D. No. Date for Rs.
(Rupees.....)

Name of the bank:

Note: The bank draft or multicity cheque drawn in favour of
"Organizing Secretary, FFCSWR" payable at S.B.I.,
Dehradun.

Please specify: Participation with/ without paper presentation.

Title of the paper (s)
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.....

The paper be considered for discussion under theme
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.....
.....

Enclosing an abstract : Yes/No

Date: Signature

To,
The Organizing Secretary, FFCSWR-2014
Central Soil & Water Conservation
Research & Training Institute,
218, Kaulagarh Road, Dehradun-248 195 (Uttarakhand)

Conference on
Farmers First for Conserving
Soil and Water Resources in Northern Region
(FFCSWR-2014)

8-10th March, 2014

PROFORMA

To,
The Organizing Secretary, FFCSWR-2014
Central Soil & Water Conservation
Research & Training Institute,
218, Kaulagarh Road, Dehradun-248 195 (Uttarakhand)

Details of the Farmer

Name of the Farmer :

Postal Address :

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Telephone/ Mobile :

E-mail :

Soil and Water :

Conservation

Technology Innovation/

Adopted/ Demonstrated

Language of his/her :

Deliberation :

Other Relevant

Information, if any

Nominated by Head of Department/ Institute