



Indian Ecological Society International Conference 2016

# Natural Resource Management Ecological Perspectives



February 18-20, 2016

Collaborative Host Organization

Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu



Conference website: [www.iesconf.com](http://www.iesconf.com)



## Partners



CIPT  
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## About the Conference

Natural resource management issues are inherently complex as they involve the ecological cycles, hydrological cycles, climate, animals, plants and geography etc. All these are dynamic and inter-related. In addition to the natural systems, natural resource management also has to manage various stakeholders and their interests, policies, politics, geographical boundaries, economic implications and so on. It is very difficult to deal with all aspects at the same time. The emphasis on sustainability attempts to understand the ecological nature of the agriculture and allied areas. An integrated approach is needed for recognising and implementing the intertwined social, cultural, economic and political aspects of resource management. A more holistic global perspective evolved from the Brundtland Commission and the advocacy of sustainable development. Most nations subscribed to new principles for the integrated management of land, water and forests in the United Nations Conference for the Environment and Development (UNCED) held in Rio de Janeiro in 1992. Developing location specific, cost effective, eco-friendly conservation and management technologies for higher input use efficiency, agricultural productivity & profitability without deteriorating natural resource base is vital for sustainable management of natural resources to ensure agricultural development. In view of these facts the Indian Ecological Society and Sher-e-Kashmir University of Agricultural Sciences and Technology (SKUAST) of Jammu is organizing three days' conference on "Natural Resource Management: Ecological Perspectives" from 18-20 February, 2016 at SKUAST of Jammu, Main Campus Chatha, Jammu, Jammu & Kashmir, India.

## Theme Areas

**Land and Water Resources:** Land resource management and land use planning, water management, management of problematic soils, soil and water conservation, watershed management, water saving technologies, crop diversification, rainfed / dryland farming, weed management, development of integrated farming systems, organic farming, resource conservation technologies, traditional ecological knowledge, people's movements in soil - water - development paradigm, technology transfer and impact.

**Crop Environment Interactions:** Adaptation to changing climate and resilience enhancement, diversification and mitigation through climate smart agriculture, vegetation-atmosphere exchange of green house gases, sustainability of environmental resources, biodiversity conservation and its rational use, crop environment interaction assessment using advanced technologies, shift in the manifestation of insect pests and diseases, improved weather and

climate services, ICT enabled early warning systems.

**Integrated Nutrient Management:** Soil health and nutrition, crop and efficient nutrient management practices, crop residue management, management of pollutants in soil.

**Integrated Pest Management:** Protection technologies for horticultural and field crops, ecological basis of insect pest/disease management, impact on ecosystem and environment, pesticide residue, spray technology, insect biodiversity, useful insects, IPM programmes and their impact.

**Forestry Tree Plantations:** Economic, social and ecological valuation, natural resource management, climate change mitigation, biomass energy, tree health and protection, trees outside forests - adoption and management, wood products and composites, eco-tourism, policy, education and training.

**Policies for Sustainable Development of Agriculture:** Indicators of sustainable agricultural development, economic and social impacts of technological interventions on agricultural production, impacts of climate change on agriculture, crop-livestock interactions, policies, institutions and regulations related to land, water and energy and their impacts, success stories on sustainable development, lessons learned for their up-scaling, strengthening the extension system in India: the role of the private sector.

**Farmer-Industry-Scientists Interface:** For technology transfer, refinement and feedback.

## Host Institute: SKUAST of Jammu

SKUAST of Jammu is mandated with the responsibility of teaching, research and extension education in the field of agriculture, veterinary & animal husbandry, horticulture and allied sciences namely biotechnology, basic sciences and agri-business management. The university presently has three teaching faculties. Faculty of Agriculture, Faculty of Veterinary Sciences and Animal Husbandry and Faculty of Basic Sciences, and one School of Biotechnology. SKUAST-Jammu has its headquarters at Chatha Jammu, 5 km from the Jammu Airport, 12 km from Jammu Railway Station and 15 km from the main bus stand. Visit: [www.skuast.org](http://www.skuast.org)

## Indian Ecological Society

The Indian Ecological Society (IES) was established in 1974 with eminent ecologist, educationist and administrator, Prof. A.S. Atwal as the Founder President. It is one of the pioneering organizations of India engaged in advances in ecological sciences and environmental protection to encourage and promote ecological studies in the country and to integrate research in different fields of ecology. The Society attempts to fulfil the above objectives by publishing the Indian Journal of Ecology since 1974. See website [www.indianecologicalsociety.com](http://www.indianecologicalsociety.com)

## Who Can Attend

Participation is open to all scientist, teachers, students, field officers and research scholars in the field of agriculture science and allied subjects. Delegates are invited to register early to enable us plan and make the best possible arrangements.

## Jammu City

Jammu, the winter capital of the J & K state is situated on the bank of river Tawi.

Jammu is also known as 'the City of Temples', and attained prominence on the tourist map of India with an unprecedented influx of the pilgrims of the holy shrine of Shree Mata Vaishno Devi, throughout the year. Vaishno Devi Shrine is about 55 km from the University. Apart from Holy Shrine, there are other places of tourists interest in and around Jammu, namely Patnitop, Mansar Lake, Raghunath Temple, Shivkohri, Bahu Fort, Fish Aquarium, Amar Mahal, Dogra Art Gallery etc. Visit J&K Tourism website: <http://www.jktourism.org/>

## Weather

The temperature during February in Jammu is expected to be ranging between minimum 10°C and maximum 20°C and delegates are advised to carry woollens especially if they intend to visit Shree Mata Vashino Devi Shrine/Patnitop.

## How to Reach

Jammu is well connected by road, rail and air. Direct flights and Volvo buses operate between New Delhi and Jammu. Regular trains operate between Jammu and different parts of the country.

## Photograph Competition

- During the conference a photography competition related to the thematic areas of the conference will be conducted. The photograph submitted in the competition should clearly mention thematic area and a photo caption.
- The photographs for participating in the competition need to be uploaded on the web site of the conference.
- Photos should be displayed during the conference. The photos should be of high resolution, not less than 300 dpi and on A4 size.
- The photograph should be original, mentioning the name of the photographer in credit line. Three best photos will be selected by the committee of experts, and three prizes will be given to the best three photos.

## Guidelines for Submitting Success Story

**Formatting requirements:** Title of the success story, name, address and telephone number of the farmer /

farmer organization/ farmer group. One photograph and length of the case study should be limited to 800 words. Times New Roman and font size 11. Author (s) name (s) and affiliation(s). Three best case studies will be adjudged by a panel of experts and awarded during the conference. Case studies should be uploaded on the conference website [www.iesconf.com](http://www.iesconf.com) and displayed in the poster session.

## Guidelines for Submitting Extended Abstracts

**Formatting requirements:** Keywords, Introduction, Materials and methods and Results / Conclusion (See sample extended abstract at conference website: [www.iesconf.com](http://www.iesconf.com))

**Font:** Time New Roman and font size 11. Use grammar and spell check.

**Theme area:** Which of the conference themes best describes the topic area of your presentation? It should be given at the top of the abstract.

**Title in upper/lower case and format genus and species in italics.**

**Example:** Monitoring the American Bollworm (*Helicoverpa armigera*) in Bt cotton.

**Author(s) name(s) and affiliation(s):** Authors name(s) bold and affiliations normal font.

### Corresponding authors email address

**Introduction:** Brief background of the study. Limited to 100 words.

**Materials and methods:** Limited to 100 words.

**Results and conclusion:** Results should be presented in concise way with one table/figure. Limited to 250 words (excluding table/figures).

**References:** If necessary, limited to two. Follow the style of the Indian Journal of Ecology for references.

## Guidelines for Full Length Paper

Full length paper should be submitted before November 30, 2015 for considering its publication in the conference issue of Indian Journal of Ecology (NASS rating 4.47) by the editors of the journal. Follow the journal guidelines for full length paper. [www.indianecologicalsociety.com](http://www.indianecologicalsociety.com)

## Poster Presentation

Poster for display should be 80 X100 cm

## How to Submit Abstracts/Full Length Papers

Abstracts and full length papers should be uploaded at the conference website

[www.iesconf.com](http://www.iesconf.com)

## How to Register

Delegates are requested to register online at conference website [www.iesconf.com](http://www.iesconf.com)

## Accommodation

Contact Prof. Rakesh Nanda for accommodation on: indianecologicalsociety@rediffmail.com (+91-9419703645, +91-87170732). The accommodation on payment basis will be booked in Ac hotels ranging between Rs. 1500 and 2000 (Twin sharing basis). Besides high end hotel accommodation can be booked for the delegates on request. For students dormitory accommodation will be provided on request.

## Registration Fees

	Early bird registration 31.12.2015	Late registration After 31.12.2015
Indian delegates	Rs 4000	Rs 5000
Students	Rs 2500	Rs 3000
SAARC countries	\$100	\$150
Other countries	\$250	\$300

## Sponsorship

Sponsorship	Rs. 100000
Co-sponsorship	Rs. 50000

## Advertisement in Souvenir

Full page colour	Rs. 25000
Half page colour	Rs. 15000
Full page B/W	Rs. 10000
Half page B/W	Rs. 7500

## Important Dates

Full papers	30.11.2015
Extended abstracts/case studies	31.12.2015
Notification of acceptance of full length papers in Indian Journal of Ecology	15.01.2016
Notification of acceptance of abstracts	15.01.2016
Registration for accommodation (paid)	15.01.2016

## Account Details

Account holder: Indian ecological society J & K chapter (Saving bank account)

Account no. 1235040500000054

J & K Bank Branch SKUAST-J Chatha

IFSC code: JAKA0EAURSP (0 stands for zero)

## Venue

Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu,

Chatha-Jammu (J&K) - 180 009, India.

## Conference Secretariat

IES Jammu-2016, Division of Agricultural Extension Education, SKUAST of Jammu

Chatha-180009, Jammu, India.

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