



**International Conference**  
**on**  
**Resource Management for Sustainable Agriculture, Food,  
Environment and Health**

**November 3-4, 2025**

**Organized by**

Ch. Charan Singh Haryana Agricultural University, Hisar Haryana / India

<https://www.hau.ac.in>

and

Society for Sustainable Agriculture and Resource Management / SSARM, Hisar /  
India

**In collaboration with**

International Foundation for Sustainable Development in Africa & Asia

<https://www.aasf.de/ifsdAA/international-conference-2025/>

African-Asian Studies Promotion Association Mahatma Gandhi House, Theodor Heuss  
Str. 11 37075 Göttingen / Germany

[www.aasf.de](http://www.aasf.de)

Indian Society of Forage Research  
Hisar-125004

<https://www.forageresearch.in>



## INVITATION

Dear Colleagues,

World population is growing unabated, more so in developing countries of Asia, Africa and Latin America. The world population is expected to be stabilize at about 10 billion people by 2050. Currently around 1 billion people suffer from hunger and 2 billion children are malnourished due to deficiency of minerals and vitamins. The food production needs to be doubled by 2050 from less land area and shrinking water and other natural resources for meeting the needs of growing world population. This is a biggest challenge to the world food security and daunting task for the scientists, technocrats, agricultural experts, environmentalists and policy planners to achieve the targets while maintaining natural resource base of soils for sustainability of agricultural system.

With advent of green revolution era, world food production has increased many folds during last five decades mainly due to adoption of high yielding, high input requiring semi dwarf varieties of wheat, rice and improved hybrids of maize, sorghum etc. However, intensive irrigation and use of agro chemicals have led to many grey patches on account of secondary salinization, degrading soil health and biotic and abiotic stresses. Consequently, the factor productivity is increasing with lesser input use efficiency. The climate change has further aggravated the situation on account of global warming and lack of climate resilient varieties. Human and livestock health is determined by genetic, epigenetic, environmental & nutritional and stress factors and immunity levels. Therefore, coherence among these should be ensured. The immunity can be modulated by food/feed and environment.

Prudent technologies including plant breeding, biotechnology, agri-technologies for crop production and plant protection can pay dividends. Resource optimization, conservation, increased input use efficiency, development of crop varieties with enhanced resilience and tolerance to biotic and abiotic stresses are key deterministic factors for higher crop production, productivity, access to food at affordable prices, profitability of farming systems and elements of food security, environment and health sustainability.

Thus, genetic options and management approaches are called for to meet the challenge. This has become all the more important in wake of Ukraine war led crisis in terms of declining resources, hiking prices for food and energy, migration problems and environment and health concerns.

Keeping above facts and pious goals in view, CCS Haryana Agricultural University, Hisar and the Society for Sustainable Agriculture and Resource Management (SSARM), India are jointly organizing this international conference in collaboration with the International Foundation for Sustainable Development in Africa and Asia (IFSDAA), the Afro-Asian Studies Promotion Association (AASF), and Indian Society of Forage Research, Hisar.

Policy planners, researchers, scholars and NGOs in science & technology, agriculture, bio-technology, health care, economics, environment, skill development and entrepreneurship, social research streams are welcome to participate. The organizers will be happy to welcome the participants to the conference venue at Auditorium, College of Basic Sciences and humanities, CCS HAU, Hisar, India.

Dr. B.R. Kamboj  
Patron

Dr. S.K. Pahuja  
Convener

Prof. R. K. Behl  
Int. Coordinator

Dr. Rajbir Garg  
Organizing Secretary

Prof. A. Riedacker  
Chair

## Information about the Conference

The International Conference includes oral and poster presentations and demonstration, from well-acclaimed research and development functionaries from academia, technology experts and industry representatives for knowledge enhancement in real time through revealing and reflecting experiences and ideas on recent innovations in Science Technologies and entrepreneurship.

**Venue:** Auditorium, College of Basic Sciences and humanities, CCS HAU, Hisar, India

**Dates:** November 3-4, 2025

**Conference Language:** English

### Objectives

- To promote Science and Technology Innovations for harnessing genetic and management options for food and nutrition security, agriculture environment and health sustainability in rural and urban settings.
- To promote agro and biotechnologies for crop production, food processing and value addition, resource optimization and conservation for sustainable development.
- To develop and promote IT based modern technologies like artificial intelligence and application of drones, GPS, GIS for climate resilient precision agriculture and health diagnostics.
- To create a network of technocrats and management experts in cooperation with IFSDAA-AASF for achieving sustainable development goals.
- To promote innovation through ignition of pragmatic ideas in science and technology and resource management including bio-diversity, natural resources including land, nutrients and water, conceptual knowledge, hands on practice through financial assistance framework to facilitate youths and entrepreneurs.
- To promote entrepreneurship and startups among rural and urban youth

### Mission

This conference shall disseminate latest results on the application of science and technologies for sustainable development. Examples include development and use of agri & biotechnologies, resource management for increased input use efficiency, digital crop management, logistics artificial intelligence, food processing, value addition, nutrition and agriculture, environment and health sustainability.

### Themes for Contributory Papers

Contributors are requested to specify the topic of their intended presentation from among the following themes and related topics. Poster presentations of reference projects will also be appreciated.

- Management of natural resources like land, water, nutrients, crop diversification including agro-horticulture-forestry for food production and medicinal & spice plants for pharmaceuticals and health.
- Technologies for resource conservation, resource optimization and enhanced resource use efficiency of applied and natural inputs, bio-energy, renewable green energy, solar energy, for higher productivity and environmental sustainability.
- Fertilizers, Nano fertilizers and use of agrochemicals for plant protections.
- IT and AI based climate resilient precision Agriculture and management of environment and health care Technology.
- Agri-waste and bio-resource management including soil organic matter, carbon sequestration, bio-fertilizers, manure and composts, bio-char, bio-pesticides and herbicides etc.
- Plant breeding and biotechnologies for development of improved crops for high yield, tolerance to biotic and abiotic stresses and better quality.

- Food processing for higher nutritional & end use value for human health.
- Green technologies, renewable energy sources, and their applications in energy supply chain for agriculture, food processing, allied agro-industries.
- Resource management for energy efficient homes
- Future science and technology innovations to enhance resource use efficiency in agriculture and allied enterprises.
- Women empowerment in agriculture, science and technology, environment healthcare and policy planning.
- International cooperation's for achieving food and nutritional security, environment and health sustainability through sustainable development in Africa and Asia.

### **Abstract**

Maximum one-page up to October 7, 2025. Abstracts as well as full paper of registered participants will be published. Please submit your abstract *via* email to [ssarm2025@gmail.com](mailto:ssarm2025@gmail.com) . One registrant can submit only one paper.

### **Registration Fee (before October15, 2025)**

Rs. 2500/-for scientist / faculty, Rs. 2000 accompanied person / ICAR/CSIR/DST/UGC scholars, Rs. 1500/- for research scholars and students. Registration fee includes book of abstracts, conference kit, session tea, lunch and dinner during the conference days.

After October 15, 2025 or in case of on spot registration the fee will amount Rs.3000/-for researchers and Rs. 2500/- for research scholars and Rs. 2000 for students.

### **Conference Schedule**

Abstract submission:	October 18, 2025 or before
Acceptance notification:	3-days after abstract submission
Online Registration:	October 25, 2025 or before Conference: November 3-4, 2025

### **Accommodation**

Hotels (bed & breakfast):	There are number of hotels in wide range of prices available in Hisar
Faculty House	Only limited rooms, are available on university fixed rates

### **About Hisar**

Ch. Charan Singh Haryana Agricultural University lies in the south-western part of Hisar City. A number of Government Institutes / Universities and scientific industrial enterprises and high-tech university laboratories are seen worthy.

### **About Weather**

Weather in November is pleasant with normal days (20-28°C) and cool nights (14-17°C). The possibility of rains is low and mostly sunny days. It is just starting of winter season, therefore only light woollens for colder nights are recommended

### **Chief Patron**

Prof. M.L. Jat, DG, ICAR, New Delhi

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### **Registration and Contact**

Please send the registration form to e-mail [ssarm2025@gmail.com](mailto:ssarm2025@gmail.com) and the registration fee through Bank demand draft, pay orders to SSARM, Hisar in the bank account given below. On the conference venue, payments can be made in cash at the registration counter also.

### **For Bank Transfer**

Name of the Bank: Punjab National Bank      Bank Branch/City: Defence Colony Hisar-125005  
Bank Account No.: 1451000100152202      IFSC Code: PUNB0145100

### **Contact**

Dr. Suresh Kumar, Co-Organizing Secretary (+91 9416183364), India  
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Dr. Vinod Kumar Goyal, Co-Convener (+91 9968465940), India

**REGISTRATION FORM**  
**Resource Management for Sustainable Agriculture,**  
**Food, Environment and Health**

November 3-4, 2025

1	Name(in block letters):	
2	Position:	
3	Mailing Address:	
4	Phone & fax:	
	Email:	
8	Title of paper:	
9	Registration Fee	Rs.2500/- for faculty, Rs. 2000/-for ICAR/CSIR/DST/UGC students Rs. 1500/- for General student
10	Accommodation required	<input type="checkbox"/> None <input type="checkbox"/> Hotel: <input type="checkbox"/> (Hotel booking to be made by participants at their own level Or by the organizers against payment for room rent) <input type="checkbox"/> Faculty House only limited rooms
11	Mode of arrival (bus/rail/car/other):	
12	Arrival time/date:	
13	Departure time/date	
14	Statement:      Place & date:   Signature:	I agree with the online publication of abstracts and pictures made on the conference venue. <input type="checkbox"/> Yes                      No