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Organizing Secretary

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CIMMYT
International Maize and Wheat Improvement Center

Final Circular



National Conference on Agro-Ecology based Agri-Food Transformation Systems 27-28 January, 2023 Hybrid mode

Venue

ICAR-Indian Institute of Farming Systems Research
Modipuram, Meerut



Organized by

ICAR-Indian Institute of Farming Systems Research
Modipuram, Meerut, Uttar Pradesh

in Collaboration with

Farming System Research and Development Association (FSRDA), Modipuram

&

International Maize and Wheat Improvement Center (CIMMYT)

National Conference

on

Agro-ecology based Agri-food transformation systems

The 20th Century witnessed an outstanding, unprecedented scientific and technological development in all fields ranging from agriculture to industry and further to information technology. This progress has virtually transformed human life in terms of prosperity and higher standard of living for a section of population of the world. Yet, the paradox before us is the stark reality that large segment of humanity is still trapped in hunger and poverty. Besides, conventional agriculture has encountered a host of problems such as degradation of natural resources, decline in factor productivity, soil health, water availability, increasing incidences of pests and diseases, energy crises, livelihood security of small holders and emerging challenges of climate change. Our natural resources are under risk of soil degradation, deforestation, contamination and biodiversity losses due to population pressure. To achieve the "Sustainable Development Goals" viz. alleviation of poverty, reduction of hunger, conservation of natural resources, mitigation of climate change and many more innovations in agriculture would play very important roles.

The Green Revolution based on improved varieties and cultural practices of rice and wheat, saved millions of people from starvation. Green Revolution served its purpose of bringing about a rapid increase in global food production. While the future of agriculture must be both food and nutrition-sensitive, the uncontrolled growth of human population must be immediately curbed through universal education. The severe problem of soil degradation, caused by land misuse and soil mismanagement, must be critically and urgently addressed. A large proportion of the world population is also prone to hidden hunger, or more than one form of malnutrition. Thus, future agro-ecosystems must be soil-centric managed by innovative sustainable agronomic practices, which could restore soil health, recycle nutrients, conserve, natural resources, strengthen biodiversity and produce nutrient-rich foods. Therefore, bioavailability of nutrient elements must be enhanced in agro-ecosystems through judicious management of soil physical, chemical, biological and ecological properties. Resource conserving technologies are another areas of research, which need to be strengthened towards improving the use efficiency of the available resources and to create quality natural resource. The technologies developed so far need further refinement and up-gradation. An integrated farming system, irrespective of combination of crops and enterprises/ location/ management/ socio-economic conditions is the need of the day to provide higher profits. This approach has the potential to take care of livelihood, environment and energy security through multiple and efficient use of resources.

Innovative concepts like soilless medium, vertical farming, hydroponics, big data analytics, digital agriculture, expert systems, solar farming and ecosystem services etc. need to be encouraged among researchers to address the prevailing challenges. In the proposed National Conference, all these issues/problems of agriculture will be discussed in length at national platform to take stock of 'Technology Capital' available to address these issues. Based on the deliberations of the conference future research strategies and recommendations will be prepared to address the emerging matrix of the agricultural problems in a holistic manner.

Themes

1. Integrated, Organic, Natural and Regenerative farming based food system transformation
2. Agro ecology based diversification through crops, horticulture, livestock and fisheries
3. Crop improvement and plant protection approaches for futuristic agri food systems
4. Valuation of ecosystems and biodiversity.
5. Socio-economic perspective and capacity development
6. Issues and policy interventions for agri-food systems

Presentations

There will be four categories of presentations

- Keynote lecture
- Lead paper/Invited paper
- Rapid Fire
- Poster

Keynote lecture

Eminent Scientists/Administrators in agriculture will be invited to deliver special lectures on the topics related to food production and policy, farming systems research, climate change conservation agriculture, energy, environment, biotechnology, input use efficiency, etc.

Lead Paper/Invited Paper

Selected speakers will be invited to make their presentations in a particular thematic area of the conference.

Extended Summary

Extended Summary on the themes of national conference are invited on or before 20th January 2023 as per the guidelines at link given below <https://tinyurl.com/36sd8fd5>
Extended summary should be submitted to ncfsrda2023@gmail.com

Poster Presentation

There will be an organized Poster Session covering the themes identified in the themes to encourage wider interaction and information sharing. The papers contributed for Poster Session will be screened and each Poster Session will have a Convener and Co-convener. The Convener/Co-convener will prepare and present summary of the concerned Poster Session. This will permit discussion and help in formulation of meaningful recommendations for the policy makers.

Language: English will be the official language of the Conference

Registration Fee

Indian delegates	Physical Mode	Virtual Mode
FSRDA Member (Scientist in service)	Rs. 5000.00	Rs. 2000.00
FSRDA Member (Scientist retired)	Rs. 2500.00	Rs. 1000.00
Non-FSRDA Members	Rs. 6000.00	Rs. 2000.00
Industry and private organisation	Rs. 10,000.00	-
Student/Research Scholar	Rs. 1000.00	Rs. 500.00
Accompanying member	Rs. 1000.00	-
Project Staff/Research Associate/SRF	Rs. 4000.00	Rs. 2000.00

Payment

AC Name: MSFSRDA
Account No: 10172901877
IFSC Code: SBIN003067
Branch: PALHERA
Bank: State Bank of India



Accommodation

The registration fee does not include accommodation charges. Limited accommodation is available in the Government guest houses and will be available on first cum first serve basis. Most of the delegates will have to stay in hotels. A wide range of accommodations are available. The likely tariffs are as follows

Name of Hotel	Tariffs	
Godwin Hotel, NH-58, Meerut	4000/- + GST Single Bedroom	4600/- + GST Double Bedroom

* Participants may directly contact the hotel for booking as per details given above and should be intimated at least 10 days in advance.

Submission of extended Summary	20 January 2023
Acceptance of extended Summary	20 January 2023
Registration fee Payment	20 January 2023

How to reach Modipuram

Modipuram is situated in the outskirts area of Meerut which is known as sport city of India. It is about 75 Km away from the IGI, Airport, New Delhi which is well connected by international and domestic flights. Taxis are available from airport to Modipuram, and Buses also ply back and forth to the ISBT, New Delhi. Meerut has two Railway stations, Meerut Cantt. and Meerut city at a distance of around 10 km from the conference venue.

Weather

Meerut has a monsoon influenced humid subtropical climate characterised by hot summers and cooler winters. Weather during January would be quite cold, mostly dry and cool with mean minimum temperature ranging from 08 to 10 degree Celsius and maximum mean temperature around 19-23 degree Celsius.

For further details contact:

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Tap the link for Join the WhatsApp group of National Conference - <https://chat.whatsapp.com/H4UGVHozc3V2gnHraCLYt8>

Tap the link for fill the Registration Form
<https://forms.gle/mpvHiovyaoovdyVj8>

Scan below QR to fill Registration form.



Registration Form

National Conference
on

Agro-Ecology based Agri-Food Transformation Systems

27-28 January, 2023

(Please email this duly filled form so as to reach the Organizing Secretary latest by 20 January, 2023)

Name : Prof/Dr./Mr//Mrs.	
Address:	
Mobile No.	
E-mail :	
Theme of Interest	

I am interested in

- Attending the conference
 Presenting a lead paper/invited paper
 Presenting a rapid-fire paper
 Presenting a poster

Extended Summary:.....
Date of submission:
Date of registration:
Amount Paid:.....
Details of payment:.....
Transaction ID:.....
Mode of Payment:.....

(Signature)

(Fill this form and send a signed scan copy to ncfsrda2023@gmail.com)