



Ministry of Earth Sciences



INTERNATIONAL CONFERENCE

ON

Climate Change and Agriculture: Impacts, mitigation and adaptations for sustainable food security and livelihood improvement (ICCA-2024)

1st to 2nd March 2024

VENUE

AUDITORIUM, ANDUAT CAMPUS,
KUMARGANJ, AYODHYA, UTTAR PRADESH

MODE

CONFERENCE WILL BE CONDUCTED
IN HYBRID MODE.

Organized By

Department of Agroforestry, College of Horticulture & Forestry,
Acharya Narendra Deva University of Agriculture & Technology,
Kumarganj, Ayodhya 224 229. Uttar Pradesh.

Sponsored By

Ministry of Earth Sciences, New Delhi | NABARD, Uttar Pradesh

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INVITATION

The organizing committee is delighted to invite you to participate in the *International Conference on Climate Change and Agriculture: Impacts, mitigation and adaptations for sustainable food security and livelihood improvement (ICCA-2024)* to be held in hybrid mode organized by the Department of Agroforestry, College of Horticulture & Forestry at the Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya, India, from 1st to 2nd March 2024. ICCA-2024 will bring together leading scientists, faculties, policymakers, research scholars, students, industries, farmers under a common platform to interact and showcase various dimensions related to the likely impact of climate change on agricultural crop production and explore approaches to adapt and move towards sustainable food security and livelihood improvement.

ABOUT THE CONFERENCE

Climate change poses a significant threat to communities and businesses globally. Rising temperatures, sea levels, and natural disasters are already profoundly impacting our economies, societies, and the environment. To mitigate these effects, it is essential that we collaborate and work towards building resilience and ensure a sustainable future.

This conference addresses the key issues of climate change and its mitigation strategy for sustainable development & smart agriculture. During the event, topics like current agriculture practices, biodiversity conservation, smart technologies and women empowerment for sustainable food security and livelihood improvement will be discussed.

International Conference on Climate Change and Agriculture: Impacts, mitigation and adaptations for sustainable food security and livelihood improvement (ICCA-2024) is a gathering of experts, practitioners, policymakers, and stakeholders aimed at gaining new insights into the challenges and opportunities towards building up a sustainable environment for the future generation.

ABOUT ACHARYA NARENDRA DEVA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

The Acharya Narendra Deva University of Agriculture & Technology, named after the great social reformer and educationist, Acharya Narendra Deva, is spread on 1777 ha of land. Ever since its establishment on 10th October, 1975, the University, Krishi Vigyan Kendras and research stations, have been playing a vital role in agricultural development of the nation. After having helped in green revolution,

obviating national food security concerns, the University continues to strive hard to further accelerate the agricultural growth in Uttar Pradesh. In fact, this University is an agrarian pilgrimage of peasantry of Eastern Uttar Pradesh as it caters towards the agricultural development of 26 districts under three agro-climatic zones viz. Eastern Plain Zone, North-Eastern Plain Zone and Vindhyan Zone of Eastern Uttar Pradesh. It runs 8 degree programmes in the fields of Agriculture, Horticulture, Fisheries, Community Science, Agricultural Engineering, Computer Science & Engineering and Mechanical Engineering, 42 postgraduate courses, 32 Ph.D. courses and 51 value added courses. It has 25 Krishi Vigyan Kendras and 4 Krishi Gyan Kendras under it. The University has released 196 varieties of different crops like rice (45), wheat (9), barley (9), pulses (11), oats (5), bajra (4), fruits (21), vegetables (63), spices (12) etc.

ABOUT COLLEGE OF HORTICULTURE & FORESTRY

The College of Horticulture & Forestry was established in December 2009. At present with a faculty and scientist strength of 24 distributed in six departments the college offers one under graduate programme and various post graduate degree programs (Master's and Ph.D.). The college so far has developed various technologies and varieties in fruits such as Aonla (8), Bael (7), Ber (2), Jack fruit (4), Karonda (1) and vegetable such as bottle gourd (1). In the last five years, students from India and Afghanistan have been successfully awarded B.Sc. (103), M.Sc. (145) and Ph.D. (27) degrees.

SUB-THEMES

Abstracts of original research, review, case studies, etc. are invited under the following sub-themes:

1. Impact of climate change on agriculture & allied sectors
2. Impact of climate change on food security & livelihood
3. Agro-biodiversity conservation
4. Natural and organic farming
5. Agroforestry and other sustainable agriculture systems
6. Nature-based solutions
7. Climate smart agriculture
8. Role of information and communication technologies in risk reduction
9. Smart digital farming
10. Millet based cropping systems
11. Smart technology in millet production
12. Post-harvest management and value addition of

millet

13. GIS and Remote Sensing Application
14. Livelihood improvement and rural development
15. Role of indigenous technical knowledge in climate smart agriculture
16. Women empowerment in climate smart agriculture
17. Challenges & opportunities of climate smart agriculture
18. Agri-entrepreneurship opportunities in the changing climatic conditions

HIGHLIGHTS OF THE CONFERENCE

1. Lectures by eminent speakers.
2. Interactive sessions & expert panel discussion.
3. Oral/poster presentation sessions.
4. Award for Best oral/poster presentation.

PAPER SUBMISSION

Authors are invited to submit abstracts (in English) by 10th January 2024 on email ID provided in the brochure. The abstract should not be more than 400 words (including spaces) and can include a maximum of 6 relevant keywords. The template of the abstract is provided in the registration form which can be accessed through the conference registration link. The technical program will include oral and poster presentations and the form of presentation for each paper will be decided by the committee upon receipt of the final version. The full length papers will have to be submitted by 30th January 2024 on email ID provided in the brochure.

PROCEEDINGS

The abstracts and full-length papers will be peer-reviewed for novelty and content by the Technical Committee. The papers to be presented during the conference and whose full-length papers are received by 30th January 2024 will be included in the proceedings with ISBN number. One registered author shall be allowed to present a maximum of two papers.

AWARDS

The organizing committee has decided to award top three Best Oral Paper awards and top three Best Poster awards, the result of which will be announced during the ICCA 2024 valedictory function.

SPONSORSHIP

The conference will provide an opportunity for the sponsoring organizations to publicize their products/services to the participants and organizers, and interact with them. For further details contact the organizers.

KEYNOTE/INVITED SPEAKERS

1. Dr. Hughes Alice Catherine, Associate Professor, School of Biological Sciences, Faculty of Science, The University of Hongkong.
2. Dr. Carol Inskipp, Research Associate, Himalayan Nature, Nepal.
3. Dr. Edgar J. Gonzalez, Department of Ecology & Natural Resources, Faculty of Sciences, National Autonomous University of Mexico (UNAM), Mexico.
4. Dr. Sylvie Guillerme, Research Officer, French National Centre for Scientific Research, France.
5. Dr. Chandrashekhar M. Biradar, Country Director-INDIA & Chief of Party-TOFI, CIFOR-ICRAF India, Asia Continental Program.
6. Dr. Ayyanadar Arunachalam, Director, ICAR-Central Agroforestry Research Institute, Jhansi, Uttar Pradesh.
7. Dr. A. K. Handa, Principal Scientist, ICAR-Central Agroforestry Research Institute, Jhansi, Uttar Pradesh.
8. Dr. Rajiv Kumar Singh, Principal Scientist, Division of Agronomy, Indian Agricultural Research Institute, New Delhi.
9. Dr. Gopal Shukla, Professor, Department of Forestry, North Eastern Hill University, Shillong, Meghalaya.
10. Dr. Subash Babu, Senior Scientist, Division of Agronomy, Indian Agricultural Research Institute, New Delhi.
11. Dr. Puneeta Pandey, Associate Professor, University of Allahabad, Prayagraj, Uttar Pradesh.
12. Dr. P.C. Abhilash, Assistant Professor, Institute of Environment & Sustainable Development, Banaras Hindu University, Varanasi, Uttar Pradesh.

IMPORTANT DATES

Abstract submission begins **01/12/2023**

Abstract submission closes **10/01/2024**

Abstract acceptance notification **15/01/2024**

Conference registration begins **16/01/2024**

Complete manuscript submission begins **16/01/2024**

Complete manuscript submission ends **30/01/2024**

REGISTRATION INFORMATION

Sr. No.	Registration category	Indian (INR) Regular
1	Industry participation	10000
2	Faculty/Scientists	5000
3	Doctorate/ Post-doctorate fellow	3500
4	Researcher	2000
5	UG/PG students	1000
6	Farmers	500
7	Foreign delegates	300 USD
8	Accompanying person	2000

Payment Details: Payment can be done in Account Name: ICCA, Account No.: 42528963379, Branch Name: NDUAT Pithla, IFSC Code: SBIN0006925.

Registration Fees:- It includes conference kit, refreshment, lunch and access to all the technical sessions. Conference proceeding will be provided in soft copy.

CONFERENCE REGISTRATION LINK

<https://forms.gle/fDPvaQZ6Z8UnxnA6A>

Accommodation for outside participants can be arranged in University Guest House on payment basis as per the room availability.

CULTURAL VALUE OF VENUE

Ayodhya is a city situated on the banks of the Sarayu river in Uttar Pradesh, India. It is the birth place of Hindu deity Rama and has the setting of the great epic Ramayana, making it is one of the most important pilgrimage sites. Lucknow is the capital of Uttar Pradesh and was the seat of power of Nawabs in the 18th and 19th centuries. Lucknow has witnessed some of the pivotal movements of Indian history. It contains notable nawabi architecture and is a popular tourist destination.

CONTACT

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