



UNIVERSITY
of
SWABI



Pakistan Science
Foundation



2nd International Conference on Climate Change impacts on Agriculture and Food Security (IC³AF-2025)

CALL FOR ABSTRACTS

Climate change is not just an environmental issue, but a profound challenge that threatens the delicate balance of life on Earth, reshaping ecosystems, disrupting livelihoods, and demanding urgent global action to secure a sustainable future for all. The changing climate is poised to impact food systems at global, regional, and local levels, not only affecting the food web but also disrupting food availability, access, and quality. Rising temperatures, shifts in precipitation patterns, more frequent extreme weather events, and decreasing water resources all contribute to reduced agricultural productivity. Extreme weather events can disrupt food supply chains, leading to higher food prices. Moreover, increasing temperatures may accelerate spoilage and increase contamination risks. These climate-related challenges are disrupting current food security strategies. The full scope of climate change impacts on agriculture and the responses at various levels remain underexplored. Developing effective mitigation and adaptation strategies continues to be a key challenge for future research, both theoretical and applied. In light of these pressing issues, we invite scholars, researchers, academicians, practitioners, entrepreneurs, industry leaders, and policymakers to join us in sharing ideas and research at this important platform.



Patron in Chief
Dr. Mian Sayed Khan
Vice Chancellor,
University of Swabi

22-24th APRIL 2025,
University of Swabi,
KP Pakistan

Important Dates

Abstract Submission Oral/Poster
5th April, 2025
Acceptance/Rejection
15th April 2025
Registration Deadline
20th April, 2025
Conference Registration Fee
International Participants: **US\$ 100**
Academicians/Staff/ officers: **PKR 3000**
Students: **PKR 2000**



CONFERENCE TRACKS

In this conference, potential topics include, but are not limited to:

- Impact of climate change on crop production, soil health, and biodiversity.
- Sustainable farming practices for adapting to climate challenges.
- Enhancing resilience of food systems in the face of climate change.
- Efficient irrigation techniques and water management strategies.
- Carbon sequestration and reducing agriculture's carbon footprint.
- Role of technology (e.g., AI, IoT, and drones) in climate-smart agriculture.
- Methods for assessing and forecasting climate risks to agriculture.
- Strategies to mitigate the effects of climate change on livestock, fisheries and insects.
- Development of drought-resistant crop plants varieties and other innovations.
- Speed Breeding and Smart Agriculture in the perspective of climate change

For Registration, click
www.uoswabi.edu.pk/news/index/bebc73a

International Invited Speakers:
USA, China, Turkey, Egypt, Germany

For further information please:
Prof. Dr. S. M. Mukarram Shah (Patron)
Prof. Dr. Mukhtar Alam (Co-Patron)
Dr. Hidyat Ullah (Chief Organizer)
Dr. M. Adnan (Focal Person/Secretary)
Dr. Jawad A. Shah (Coordinator)
Dr. Ruidar A. Shah (Conference Advisor)
Dr. Shah Fahad (Co-Coordinator)
Mr. Amjad Jadoon (Conference Ambassador)
Email: ic3af-2025@uoswabi.edu.pk
**Cell/WhatsApp: +923359674545/
+923348911270**