



विज्ञान एवं  
प्रौद्योगिकी मंत्रालय  
MINISTRY OF  
SCIENCE AND  
TECHNOLOGY



*Brainstorming workshop on*

## **Building Alliances for Climate Driven Pest & Disease Management and Adaptation**

**Jointly organized by UAS, Raichur & ICRISAT, Patancheru**

12-13 March 2024 at UAS, Raichur, Karnataka, India

The impact of climate change is reducing the capacity of natural resource to sustain the food demand of the world's increasing population. Among them, increasing agricultural pest & diseases due to changing climate are threatening food security and have broader economic, social and environmental impacts. If unabated, climate change could further contribute to the spreading of the pest & diseases in the future. Climate change and pest's risks are therefore interlinked challenges that need to be addressed simultaneously.

Increasing resource efficiency in agriculture and building resilience to climate risk are the key action for undertaking these challenges. A significant transformation in agriculture and food systems with concerted action and coordinated involvement of all stakeholders on a long-term perspective is vital. An integrated approach of research alliances helps to spur the delivery of knowledge, technology, and management of solution to cope with the challenges faced from pest & diseases by providing a sound scientific evidence base for implementation of policy and adaptation. Therefore, the focus of this workshop is to support the creation and enlargement of alliance that can enhance the climate change research on crop production and protection, opportunities, tools, and technologies to allow national and local stakeholders to adopt the appropriate farming practices.

### **Scope of the workshop**

- Global change impacts on pest & disease dynamics and spread - lessons learnt
- Advances in pest & diseases surveillance, early detection and monitoring
- Socio-economics of climate driven pest & disease and risk communication
- Smart pest & disease management strategies and resistance management
- Cross-disciplinary alliance in pest & disease risk research and adaptation

### **Participation**

Workshop is intended for agricultural scientists, policy makers, early career researchers and others who are working on climate change research for plant protection may apply by using the below link before 20<sup>th</sup> February 2024.

Registration link: <https://forms.gle/YjTrA5jFusJjRD6x6>

Food and Accommodation will be arranged at UAS Raichur, Guest house (Food and Accommodation expenses met under project, UAS Raichur). Travelling allowances will not be given.

### **Organizing Team**

UAS, Raichur: Dr. A. G. Sreenivas, Dr. Umesh, M.R, Dr. Sudharani

ICRISAT, Patancheru, Hyderabad: Dr. Mamta Sharma, Dr. Ramanagouda G, Dr. Jaba Jagdish