

## About Hyderabad



Hyderabad was established in 1591 AD by Muhammad Quli Qutb Shah. The city has the famous Hussain Sagar lake, which was built in 1562 AD near the centre of the city. It is historically known as a city of pearls, and is one of the most popular pearl and diamond trading centres. It is a world famous city for the ancient structures such as Charminar and Golconda Fort, and the modern Hitech City and Ramoji Film City. It is highly popular for the delicious Hyderabadi biriyani. It is also called agricultural capital of India, and houses many ICAR institutes (DOR, DRR, DSR, CRIDA and NAARM) and ICRISAT.

## Weather

Hyderabad has pleasant weather in November. The maximum temperature is around 30° C and minimum 15° C, with 56% relative humidity.

## Host Institute and Venue

The International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) is a non-profit organization that conducts agricultural research for development in Asia and sub-Saharan Africa.

*ICRISAT envisions prosperous, food-secure and resilient dryland tropics through partnership-based international agricultural research- for-development that embodies, " Science of Discovery to Science of Delivery ".*

The congress venue, Hyderabad International Convention Center, is a state of the art modern facility with a capacity to handle 5,000 people, and over 20 concurrent sessions. It is located at 27 km from Rajiv Gandhi International Airport, 20 km from Secunderabad railway station, and 22 km from Mahatma Gandhi Bus Stand (MGBS).

## Presentations

The presentations will cover plenary lectures, invited papers, and oral and poster presentations.

## Currency

Rupee (₹) is the national currency of India. All major international currencies can be exchanged at the international airport, 5-star hotels and banks.

## Visa

International participants must have a valid passport and visa. More information regarding rules and procedure can be obtained from the website <http://indianvisaonline.gov.in/visa>. An invitation letter for the purpose will be issued on request.

### Registration fees

Category	Early bird (Closes 31 May 2019)	Regular (1 June - 31 Aug 2019)	Late (After 31 Aug 2019)
PhD students/scientists from developing countries	\$360	\$410	\$460
IAPPS members/lead presenters	\$510	\$560	\$660
Non members	\$560	\$660	\$760
Indian delegates	₹7,500	₹10,000	₹15,000

## Congress Committees

### Advisory Committee

Director Generals of ICRISAT, ICIPe, ICAR, NIPHM; secretaries of DST, DBT, MoEF, Ag&FW GOI and TS; Commissioner & Director of Agriculture TS and AP; PS TS; VCs PJTSAU, SKLTSHU

### Steering Committee

Dr Peter Carberry, ICRISAT  
Dr Elvis Heinrichs, IAPPS  
Dr Manuele Tamo, IAPPS  
Dr Pooran M Gaur, ICRISAT  
Dr Geoff Norton, IAPPS  
Dr Hari C Sharma, ICRISAT  
Dr K K Sharma, ICRISAT  
Dr Rajeev K Varshney, ICRISAT

### Local Organizing Committee (LOC)

Dr HC Sharma ICRISAT (Chair)  
Dr MK Dhillon IARI (Co-chair)  
Dr Sarath Babu NBPGR (Co-chair)  
Dr Rajan Sharma ICRISAT (Secretary)  
Dr Jaba Jagdish ICRISAT (Member)  
Dr S Gopalakrishanan ICRISAT (Member)  
Dr Akhilesh Gupta DST (Member)  
Dr SR Rao DBT (Member)  
Dr AK Singh DDG-Crops ICAR (Member)  
Mr Suraj Sharma ICRISAT (Member)  
Dr RK Khetarpal CPF (Member)  
Dr PK Chakrabarty ICAR (Member)  
Mr Gary Khan HCVB (Member)  
Dr Mamta Sharma ICRISAT (Member)  
Dr Hari Sudini ICRISAT (Member)  
Dr A Rasheed War WorldVeg (Member)  
Dr Arvind Padhee ICRISAT (Member)  
Dr Kunal Satyarthi HIMCOSTE (Member)  
Dr Sumit Vashisth YSP-UHF (Member)  
Dr Bhagirath Chaudhary, SABC (Member)

### Program Committee

Members LOC President SPP President EAI  
President PPAI President NSI President ESI  
President SPSI President CPF President APWSS  
President ISAIS President ISMP

### For more information you may contact

Chairman LOC, Dr HC Sharma, Vice Chancellor YSP-UHF, and Honorary Fellow ICRISAT or

Secretary LOC, Dr Rajan Sharma, Principal Scientist Pathology & Head Plant Quarantine Unit ICRISAT, Patancheru 502 324, Telangana, India.

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Email: [IPPC2019@cgiar.org](mailto:IPPC2019@cgiar.org) | [IPPC2019.ICRISAT.Org](http://IPPC2019.ICRISAT.Org)



## Crop Protection to Outsmart Climate Change for Food Security & Environmental Conservation

10-14 November, 2019  
Hyderabad, Telangana, India



### Organized by:



### In collaboration with:



## Welcome to IPPC2019

The XIX International Plant Protection Congress will focus on crop protection technologies to mitigate the effects of climate change for food security and environment conservation.

On behalf of the International Association for the Plant Protection Sciences (IAPPS), ICRISAT and the Crop Protection Societies in India, the organizers are pleased to invite you to participate in IPPC2019.

The program of IPPC2019 is aimed at addressing many of the key issues in crop protection being faced by the farmers to meet the challenge of food security through sustainable crop protection and conservation of the environment.

We welcome your participation in this event in the historic city of Hyderabad to discuss all aspects of plant protection to mitigate the effects of global warming and climate change.

We request you all to come forward, and organize a symposium or a workshop, and participate in the proceedings of the IPPC2019. To submit a symposium or workshop write to [IPPC2019@cgiar.org](mailto:IPPC2019@cgiar.org)



## Thematic Areas

### Climate change: The emerging challenge

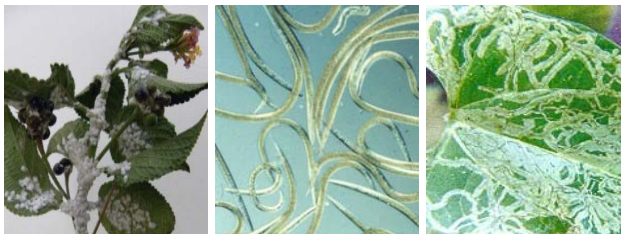
- Plant protection to mitigate effects of climate change
- Climate change and biodiversity
- Invasive and emerging pests

Insects  
Pathogens  
Nematodes

Vertebrates  
Weeds  
Viruses



- Pest – host plant – environment interactions.



### Host plant resistance: Biochemical and molecular mechanisms

- Host plant resistance in IPM
- Breeding for pest resistance
- Gene mapping and gene editing
- Transgenics for pest control
- MAS for pest resistance
- Metabolomics/transcriptomics

### Detection and diagnosis: DNA barcoding

- Insect pests
- Pathogens
- Nematodes
- Viruses
- Plant quarantine and trade



### ICT- in Crop Protection

- Ecological engineering
- Biodiversity and bio-systematics
- Information and Communications technology in crop protection
- Decision support systems
- Remote sensing and modelling for pest forecasting

Herbicides  
Insecticides  
Fungicides  
Nematicides



### Biosafety of GMOs to the environment

- Transgenic crops and pest management
- Transgenics and Non-target effects

### IPM Technologies

- Pesticides
- Bio-pesticides/ Biological control
- Bio-efficacy, persistence & IRM
- Semio-chemicals in pest management
- Natural enemies
- Nanotechnology and pest management



### Food and Nutritional Security

- Overcoming hunger
- Reducing poverty
- Access to markets
- Attracting youth to crop protection sciences
- Science networks
- Education and extension services
- Technology transfer
- Governmental policies: Production, marketing and application
- Post harvest losses/stored pest management



The IPPC brings together plant protection science and practice from around the world every 4 years. The IPPC is broadly multidisciplinary with an emphasis on an integrated approach to plant protection. Thus, for 50+ years the IPPC has provided a forum for plant protection specialists comprising of plant pathologists, entomologists, weed scientists, nematologists, plant breeders, economists, chemists, technology transfer specialists and legal advisers to communicate and discuss important problems and new discoveries related to crop losses due to pests and their management. The integration of these disciplines will be reflected in the program.