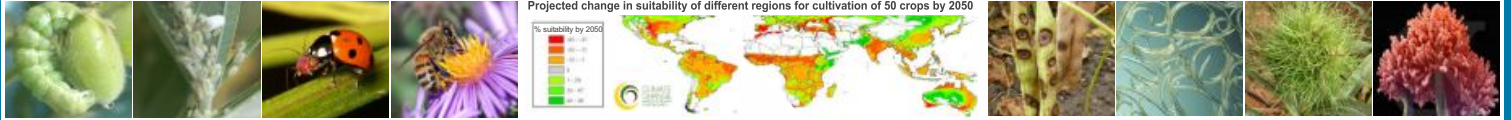




# XIX International Plant Protection Congress | IPPC2019

10 - 14 Nov 2019, Hyderabad, Telangana, India



Organized by:



INTERNATIONAL CROPS RESEARCH  
INSTITUTE FOR THE SEMI-ARID TROPICS

In Collaboration with:



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



# Welcome to **IPPC 2019** Hyderabad India

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.



**Peter Carberry**  
Patron - IPPC2019

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.



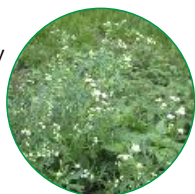
**Hari C Sharma**  
Chairman, LOC

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.

## Thematic Areas

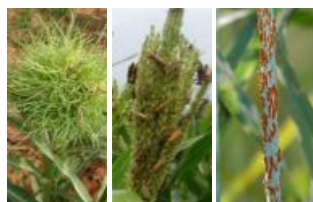
### + Climate change: The emerging challenge

- 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



### + Detection and diagnosis: DNA barcoding

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



### + Biosafety of GMOs to the environment

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

### + IPM Technologies

- Pesticides: Herbicides, Insecticides, Fungicides, Nematicides
- Bio-pesticides/ Biological control
- Bio-efficacy, persistence & IRM
- Semio-chemicals in pest management
- Natural enemies
- Nanotechnology and pest management
- Management of vectors of human diseases



### + 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



### + ICT- in Crop Protection

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



### + 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



# Congress Committees

## Advisory Committee

**Director Generals:** Dr Peter Carberry, ICRISAT; Dr Segenet Kelemu, ICIPE; Dr Trilochan Mohapatra, ICAR; Mrs G Jayalakshmi, NIPHM and Mrs V Usha Rani, MANAGE

**Secretaries:** Shri Sanjay Agarwal, Ministry of Agriculture and Farmers Welfare; Shri C K Mishra, Ministry of Environment, Forest and Climate Change; Prof. Ashutosh Sharma, Department of Science & Technology; Dr Renu Swarup, Department of Biotechnology; Shri C Parthasarathi, PS Agriculture, Telangana

**Commissioner of Agriculture:** Dr S K Malhotra, Govt. of India and Shri Rahul Bojja, Telangana State

**Vice Chancellors:** Dr V Praveen Rao, Professor Jayashankar Telangana State Agricultural University; Dr V Damodara Naidu, Acharya N G Ranga Agricultural University; Shri C Parthasarathi, Sri Konda Laxman Telangana State Horticultural University

## Steering Committee

**Dr Peter Carberry**, ICRISAT  
**Dr Hari C Sharma**, ICRISAT  
**Dr KK Sharma**, ICRISAT

**Dr Geoff Norton**, IAPPS  
**Dr Elvis Heinrichs**, IAPPS  
**Dr Manuele Tamo**, IAPPS

**Dr Pooran M Gaur**, ICRISAT  
**Dr Rajeev K Varshney**, ICRISAT

## Local Organizing Committee

**Dr HC Sharma**  
ICRISAT (Chair)

**Dr Arvind Padhee**  
ICRISAT (Co-chair)

**Dr MK Dhillon**  
IARI (Co-chair)

**Dr Sarath Babu**  
NBPGR (Co-chair)

**Dr Rajan Sharma**  
ICRISAT (Secretary)

**Dr RK Khetarpal**  
CPF (Member)

**Dr PK Chakrabarty**  
ICAR (Member)

**Dr Akhilesh Gupta**  
DST (Member)

**Dr Mamta Sharma**  
ICRISAT (Member)

**Dr S Gopalakrishanan**  
ICRISAT (Member)

**Dr Kunal Satyarthi**  
HIMCOSTE (Member)

**Dr Jaba Jagdish**  
ICRISAT (Member)

**Dr A Rasheed War**  
WorldVeg (Member)

**Dr Bhagirath Chaudhary**  
SABC (Member)

**Dr SR Rao**  
DBT (Member)

**Dr AK Singh**  
ICAR (Member)

**Dr K Anitha**  
NBPGR (Member)

**Mr Gary Khan**  
HCVB (Member)

**Dr Sumit Vashisth**  
YSP-UHF (Member)

**Mr Jonathan Philroy**  
ICRISAT (Member)

**Mr Suraj Sharma**  
ICRISAT (Member)

**Dr Hari Sudini**  
ICRISAT (Member)

## Program Committee

### Members LOC

**President**, Plant Protection Association of India

**President**, Entomological Society of India

**President**, Crop Protection Federation

**President**, Indian Society for the Association of Insect Science

**President**, Entomology Academy of India

**President**, Nutrition Society of India

**President**, Society of Pesticide Science of India

**President**, Asian Pacific Weed Science Society

**President**, Indian Society of Mycology and Plant Pathology

**President**, Society of Plant Protection Sciences

**President**, Indian Phytopathological Society of India

## 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 center of the city. It is historically known as a city of pearls, and is one of the most popular pearl and diamond trading centers. 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.



## Host Institute

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"

## Presentation

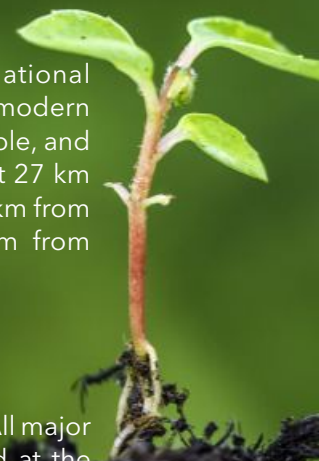
The presentation will cover plenary lectures, invited papers and oral and poster presentations.

## Congress Venue

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).

## Currency

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



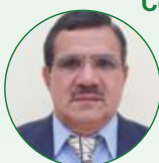
## IPPC 2019 Registration Information

Category	Early Bird Registration ends 31 <sup>st</sup> July 2019	Regular Registration 1 <sup>st</sup> Aug. - 30 <sup>th</sup> Sept. 2019	Late Registration From 1 <sup>st</sup> October 2019
Students / Scientists from Developing Countries	\$ 360	\$ 410	\$ 460
IAPPS members/lead presenters	\$ 510	\$ 560	\$ 660
Non - IAPPS Member	\$ 560	\$ 660	\$ 760
Indian Delegates	₹ 10000	₹ 12500	₹ 15000
Indian Students	₹ 5000	₹ 6000	₹ 6500
Accompanying Person	\$ 100	\$ 120	\$ 150

**Note:** Online Registration is available at [www.ippc2019.icrisat.org/REGISTRATION.php](http://www.ippc2019.icrisat.org/REGISTRATION.php)



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### Congress Secretariat

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### Congress Manager



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