



Food and Agriculture Organization
of the United Nations



International Plant
Protection Convention



中國農業大學
China Agricultural University

Introduction of Three-year Work Plan and 1st Phytosanitary Technology Training Arrangement

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FAO-IPPC Project, Sri Lanka, December 16, 2019.



1. Brief Review of the Nice Meeting and Visiting



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Cooperation on Phytosanitary Measures among the Chinese Initiative “One Belt and One Road” Countries: An IPPC High-level Symposium

Posted on Thu, 18 Oct 2018, 09:59



28 September 2018, Nanning – China’s “One Belt and One Road” initiative seeks to boost development and trade links between Asia, Pacific, Europe, Africa, Latin America and Caribbean. In order to continue facilitating trade while preventing the spread of plant pests and diseases, an IPPC High-Level Symposium on Cooperation for Phytosanitary Measures among the Chinese Initiative “One Road” Countries was organized in Nanning, China from 25 to 28 September 2018.

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New standards to curb the global spread of plant pests and diseases

Sharing experiences in developing plant health capacity at CPM-14

The Director-General of the DG-SANTE of the European Commission delivers keynote address at the 14th Commission on Phytosanitary Measures of the IPPC

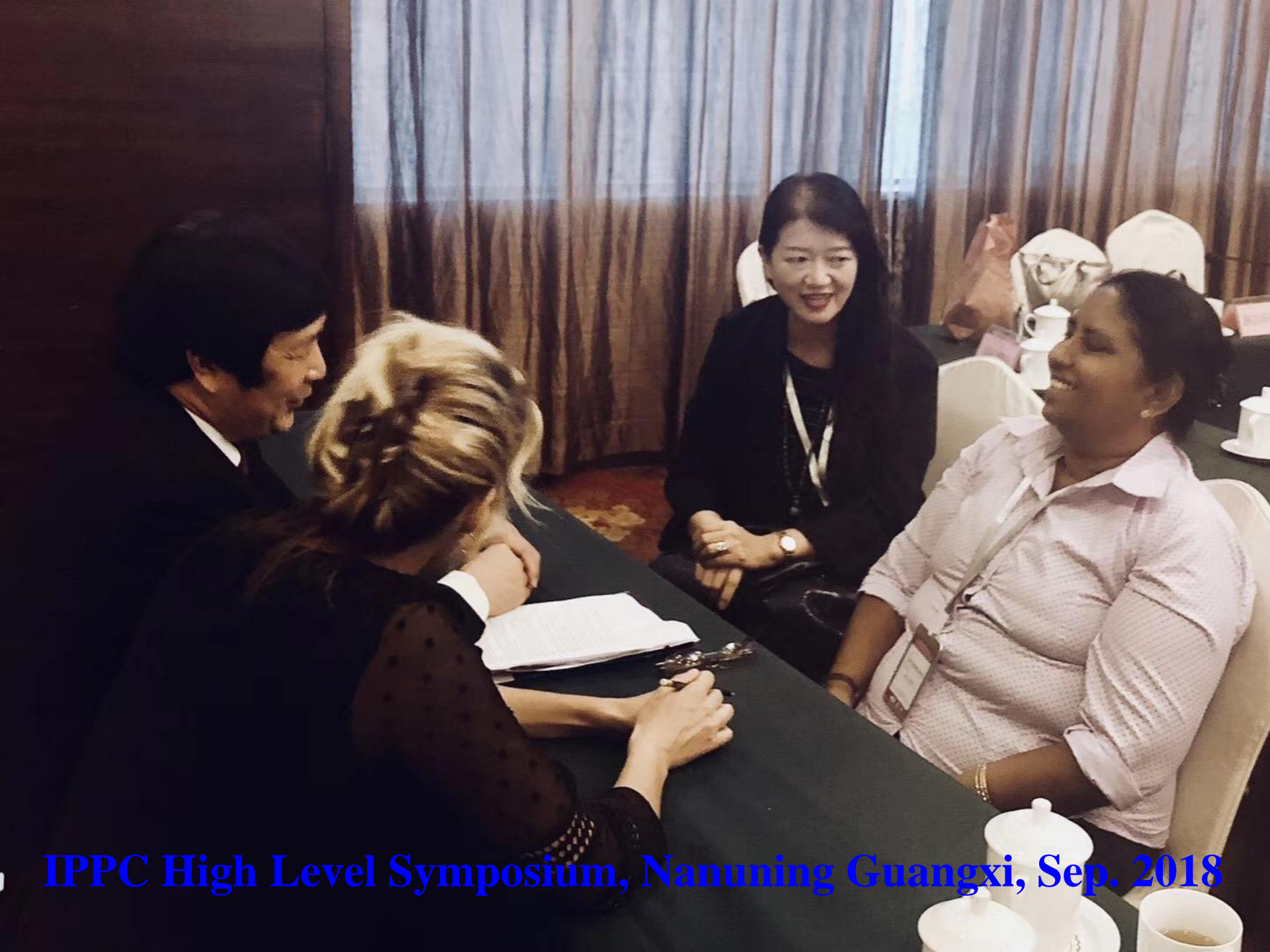
The fourteenth Commission on Phytosanitary Measures (CPM-14) opening session highlights successes and the future of plant health

Webcasts of CMP14

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<https://www.ippc.int/en/news/cooperation-on-phytosanitary-measures-among-the-chinese-initiative-one-belt-and-one-road-countries-an-ippc-high-level-symposium/>



IPPC High Level Symposium, Nanuning Guangxi, Sep. 2018

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A New Memorandum of Understanding with the IPPC Secretariat will help Sri Lanka Boost its Phytosanitary Capacity

Posted on Mon, 11 Mar 2019, 12:22



A historical moment: signing the Memorandum of Understanding (MoU) between the IPPC Secretariat and the Sri Lankan NPPO. Through the MoU, Sri Lanka will become a pilot country for the IPPC-China South South Cooperation Project. © IPPC Secretariat.

25 February 2019, Colombo, Sri Lanka - Through its "One Belt, One Road" initiative, China aims to reactivate the ancient silk trade routes. This effort to promote trade and build infrastructure across maritime and terrestrial pathways has phytosanitary consequences. To prevent the introduction and spread of pests along these pathways, China is investing resources to strengthen collaboration and build the phytosanitary capacities of the countries involved.

The IPPC Secretariat manages a USD 2 million project entitled "Strengthening the Capacity of Developing Contracting Parties to Implement the IPPC and its standards under FAO-China South-South Cooperation (SSC) programme" (GCP /INT/291/CPR). The project aims to develop

Latest

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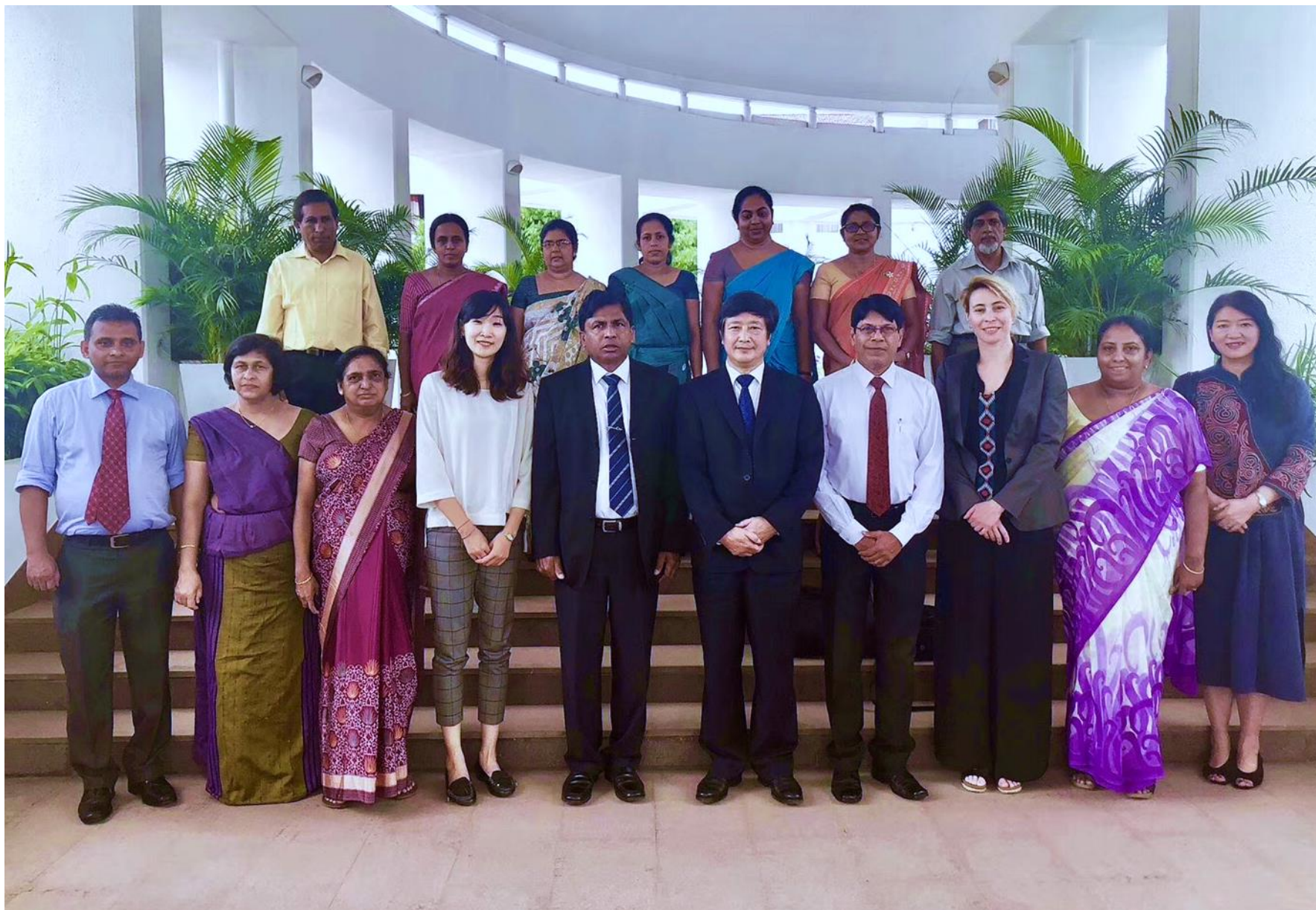
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<https://www.ippc.int/en/news/a-new-memorandum-of-understanding-with-the-ippc-secretariat-will-help-sri-lanka-boost-its-phytosanitary-capacity/>



**Meeting with main agricultural leaders, quarantine officers
and scientists of Sri Lanka, Feb. 2019**



Meeting with main agricultural leaders, quarantine officers and scientists of Sri Lanka, Feb. 2019



**Meeting with farmers and local technical extension staff of
Sri Lanka, Feb. 2019**



Meeting with farmers, company staff and local technical extension staff of Sri Lanka, Feb. 2019



**The visit of National Plant Quarantine Service of Sri Lanka,
Feb. 2019**



The visit of National Plant Quarantine Service of Sri Lanka,
Feb. 2019



**The primary training of quarantine staff of Sri Lanka,
Feb. 2019**



2. The Three-year Work Plan (2019-2021)

Work Plan in 2019:

■ Preparatory work:

- **Field trip** to Sri Lanka on 24-28th of February by a delegation to be composed of 4 members from the IPPC Secretariat, the Chinese Ministry of Agriculture and China Agricultural University.
- **Signing** of the Memorandum of Understanding. Establishing a steering committee and a working group.
- **Planning** of the 3 years activities for the Pilot Project.

Work Plan in 2019:

■ **Phytosanitary Capacity Evaluation (PCE):**

Organization of 1st and 2nd PCE missions in Sri Lanka to

- **Identify strengths and weaknesses** of the phytosanitary system of the country and prioritize them through consensus workshop with all relevant stakeholders (about 20 participants from the NPPO, the ministries, importers, exporters, research and universities, customs, farmers), including of the phytosanitary legislation..
- **Identify strategic directions and actions** with all relevant stakeholders.

Work Plan in 2019:

■ **Phytosanitary technology training:**

Organization of the 1st technology-focused training on surveillance and species identification of fruit flies (five days, about 20 participants from the NPPO)

- Training on the techniques of surveillance, including monitoring and data analysis of economically important fruit flies.
- Training on the techniques of morphological identification and molecular identification of economically important fruit flies (including DNA barcoding and PCR).

Work Plan in 2020:

- **Organization work:** Organization Steering committee meeting and Working group meeting to develop annual work plan, monitoring progress of the field program and reports.
- **Phytosanitary Capacity Evaluation (PCE):** Organization of 3rd mission of the PCE in Sri Lanka to validate with all relevant stakeholders the revised legislation and the phytosanitary capacity development strategy.

Work Plan in 2020:

■ **Phytosanitary technology training:**

Organization of the 2nd technology-focused training on mass rearing and treatments of fruit flies. (five days, about 20 participants from the NPPO)

- Training on the techniques of mass rearing of economically important fruit flies
- Training on the techniques of treatments of economically important fruit flies (including heat treatment and irradiation treatment).

Work Plan in 2020:

- **Field demonstration:** Demonstration of the Chinese technologies and products on management of fruit flies, with two main activities
 - **1st Farmers Field School** (five days) to be organized with quarantine officers and technicians as well as with 5 local key farmers trained on IPM of fruit fly, mealybug and seed weevil on Mango. Setting up of several field plots in 5 selected local farm fields to test and demonstrate the management of fruit flies by using the Chinese technologies and products. Conducting experiment including using sex hormone trapping for monitoring, comparing sex hormone, bite and light trap for pest control, and comparing different kinds of bag.

Work Plan in 2020:

- **Field demonstration:** Demonstration of the Chinese technologies and products on management of fruit flies.
- **2nd Farmers Field School** (five days) to be organized with quarantine officers and technicians as well as with 5 local key farmers trained on IPM of fruit fly (Tephritidae), mealybug (Pseudococcidae) and seed weevil (*Sternochetus mangiferae*) on Mango.
- **Conducting** field demonstration, data collection and analysis to evaluate the outcomes, benefits and impacts of the implemented IPPC Project.

Work Plan in 2021:

- **Field demonstration:** Demonstration of the Chinese technologies and products on management of fruit flies, with two main activities
 - **3rd Farmers Field School** (five days) to be organized with quarantine officers and technicians as well as with 5 local key farmers trained on IPM of fruit fly (Tephritidae), mealybug (Pseudococcidae) and seed weevil (*Sternochetus mangiferae*) on Mango.
 - **Conducting** field demonstration, data collection and analysis to evaluate the outcomes, benefits and impacts of the implemented IPPC Project.

Work Plan in 2021:

- **Conclusional workshop:** closing the program and new technologies demonstration conclusion (four days) to be organized with 20-25 stakeholder involved.



2. The 1st Phytosanitary Technology Training Arrangement

Certificate of Appointment

*The Secretariat of the International Plant Protection Convention
would like to make an appointment of*

Zhihong LI/ China Agricultural University

as

Chief Scientist

for the work on

*Implementation of the IPPC Global Project “Strengthening the Capacity of Developing Contracting Parties to
Implement the IPPC and its Standards under FAO-China South-South Cooperation (SSC) Programme” (GCP
/INT/291/CPR) in the Pilot Country of Sri Lanka (2019-2021)*

Jingyuan Xia

IPPC Secretary

Rome, Italy, 2019-02-25

Certificate of Appointment

*The Secretariat of the International Plant Protection Convention
would like to make an appointment of*

Jiajiao WU / Guangzhou Customs District, P.R.China

as

Chief Expert

for the work on

*Implementation of the IPPC Global Project “Strengthening the Capacity of Developing Contracting Parties to
Implement the IPPC and its Standards under FAO-China South-South Cooperation (SSC) Programme” (GCP
/INT/291/CPR) in the Pilot Country of Sri Lanka (2019-2021)*

Jingyuan Xia

IPPC Secretary

Rome, Italy, 2019-02-25

Certificate of Appointment

*The Secretariat of the International Plant Protection Convention
would like to make an appointment of*

Yue ZHANG/ China Agricultural University

as

Technical Expert

for the work on

*Implementation of the IPPC Global Project “Strengthening the Capacity of Developing Contracting Parties to
Implement the IPPC and its Standards under FAO-China South-South Cooperation (SSC) Programme” (GCP
/INT/291/CPR) in the Pilot Country of Sri Lanka (2019-2021)*

Jingyuan Xia

IPPC Secretary

Rome, Italy, 2019-02-25

Dec. 16, 2019

- **Presentation 1:** Introduction of Three-year Work Plan and 1st Phytosanitary technology training arrangement (by Dr. Zhihong LI).
- **Presentation 2:** Prevention and Control of Economically Important Fruit Flies (EIFFs) in China (by Dr. Zhihong LI).
- **Presentation 3:** Introduction of Trapping systems for fruit flies' surveys (by Dr. Jiajiao WU).

Dec. 17, 2019

- **Practice 1:** Practical activities for checking and servicing of fruit flies trap in the field (by Dr. Jijiao WU).
- **Presentation 4:** The morphological identification of economically important fruit flies (by Dr. Zhihong LI).

Dec. 18, 2019

- **Presentation 5:** Introduction of Emergency action plan on exotic fruit flies (by Dr. Jiajiao WU).
- **Presentation 6:** The molecular identification of economically important fruit flies (by Mr. Yue ZHANG).

Dec. 19, 2019

- **Practice 2:** Practical activities for checking and servicing of fruit flies trap in the field (by Dr. Jiajiao WU).
- **Experiment 1:** Molecular identification of economically important fruit flies based on DNA Barcoding (by Mr. Yue ZHANG).

Dec. 20, 2019

- **Experiment 2:** Molecular identification of economically important fruit flies based on specific primer PCR (by Mr. Yue ZHANG)
- **Summary and discussion** of further training (by Dr. Zhihong LI)

***REGARDS FROM CHINA!
LOOKING FORWARD TO MORE COLLABORATIONS
AND PROGRESS ON EIFFs!***

