



联合国
粮食及
农业组织

Food and Agriculture
Organization of the
United Nations

Organisation des Nations
Unies pour l'alimentation
et l'agriculture

Продовольственная и
сельскохозяйственная организация
Объединенных Наций

Organización de las
Naciones Unidas para la
Alimentación y la Agricultura

منظمة
الغذية والزراعة
للأمم المتحدة

COMMISSION ON PHYTOSANITARY MEASURES

Thirteenth Session
Rome, 16-20 April 2018
Any Other Business - Time table of CPM-13 Side Sessions
Agenda item 19
Prepared by the IPPC Secretariat
<i>English only</i>

Programme and Background Information of CPM-13 Side Sessions

No	Side Session	Day/Time	Venue	Notes
1	Plant Health and Environmental Protection	Monday 16 April 17:00-18:30	FAO Iran room	Co-organized with CBD. Contacts: Mirko Montuori (IPPC Secretariat): mirko.montuori@fao.org Junko Shimura (CBD Secretariat): junko.shimura@cbd.int
2	Gene Sequencing and Molecular Technologies	Tuesday 17 April 12:30-14:30	FAO Iran room	Co-organized with EPPO. Light lunch offered at 12:00-12:50. Contacts: Adriana Moreira (IPPC Secretariat): Adriana.Moreira@fao.org Françoise Petter (EPPO Secretariat): fp@epo.int
3	Collaboration with Research Organizations	Wednesday 18 April 12:30-14:00	FAO Iran room	Co-organized with EPPO and EUPHRESKO. Light lunch offered at 12:00-12:50. Contact: Shoki AlDobai (IPPC Secretariat): Shoki.AIDobai@fao.org
4	Resource Mobilization for Plant Health	Wednesday 18 April 18.00-19:00	FAO Iran room	Contact: Sarah Brunel (IPPC Secretariat): sarah.brunel@fao.org
5	International Year of Plant Health (IYPH) partners information event	Thursday 19 April 12:30-14:00	FAO Plenary Hall	Open to IYPH current and potential partners. Contacts: Shoki AlDobai (IPPC Secretariat): shoki.aldobai@fao.org Mirko Montuori (IPPC Secretariat): mirko.montuori@fao.org

I. Side Session 1.

A. Plant Health and Environmental Protection – Strengthening collaboration for Plant Health and achieving Aichi Biodiversity Targets by 2020 at all levels

1. This CPM-13 side session is jointly organized by the International Plant Protection Convention (IPPC) and the Convention on Biological Diversity (CBD) Secretariats. It aims at informing the IPPC Contracting Parties and stakeholders about the high potential of synergy and collaborative opportunities for national plant protection organizations and environmental protection agencies at the national and regional levels. It will also familiarize the audience about the outcomes and plans of the collaboration programmes of the IPPC Secretariat's with other environmental-related organizations.
2. In the IPPC year of Plant Health and Environmental Protection, the Secretariats of the IPPC and the CBD are liaising with international organizations to increase awareness on the importance to safeguard of biodiversity and ecosystem services for sustainable development, taking into account the health of humans, ecosystems, agriculture and forestry.
3. IPPC contracting parties and stakeholders are expected to contribute to the discussions, and come up with innovative solutions on how the IPPC network can contribute to increasing awareness on biodiversity, and on the role of plant health in preserving the environment.

Programme of the event		
17:00	IPPC Introductory remarks	Jingyuan Xia, IPPC Secretary
17:05	Collaboration of biodiversity-related organizations to support plant health	Cristiana Paşca Palmer, CBD Executive Secretary
17:15	The Treaty's Multilateral system and benefits for biodiversity	Kent Nnadozie, International Treaty on Plant Genetic Resources for Food and Agriculture Secretary
17:25	Environmental Treaties Programme – realizing synergies for biodiversity	Andreas Obrecht, Programme Management Officer, UN Environment
17:35	Reflections on invasive alien species towards the conclusion of the UN Decade of Biodiversity	Piero Genovesi, Head of Wildlife Service - ISPRA Institute for Environmental Protection and Research and Chair of IUCN SSC Invasive Species Specialist Group
17:45	Q&A session	All

II. Side Session 2.

A. Gene sequencing and molecular technologies

4. This CPM-13 side event, jointly organized by the IPPC and EPPO Secretariats, is aimed to inform IPPC contracting parties and stakeholders about gene sequencing and molecular technologies for plant pest diagnosis. Early diagnosis and rapid response are crucial in any effort to reduce the risk of entry and spread of plant pests into an area. The ability to detect a plant pest varies with the quality and specificity of the detection tools.

5. The recent developments of high throughput sequencing technologies, also called next generation sequencing (NGS) or deep sequencing, are revolutionizing the discovery and characterization of plant-associated organisms, more particularly plant pests. These technologies have provided a very powerful alternative for detection and identification of organisms without a priori knowledge. These technologies enable a new and comprehensive approach to the detection and characterization of pests in a biological sample. However, research findings based on NGS technologies may have significant implications within a phytosanitary framework - not all organisms associated with plants are pests; some may be mutualists providing benefit to the host plant or commensal agents.

6. The IPPC Technical Panel on Diagnostic Protocols (TPDP) has been discussing the use of NGS technologies as a diagnostic tool for phytosanitary purposes, and the IPPC Standards Committee (SC) stressed that the issue is broader than diagnosis – it is also relevant for pest risk analysis and surveillance. The CPM Bureau agreed that a side session on “gene sequencing and molecular technologies” be held, while a draft CPM recommendation on “the application of NGS technologies for plant pest diagnostics in a phytosanitary context” is being presented for CPM-13.

Programme of the event		
12:30-12:35	IPPC introductory remarks	Adriana Moreira (IPPC Secretariat)
12:35-12:45	Introduction	Françoise Petter (EPPO Secretariat)
12:45-13:00	Gene sequencing and molecular technologies in plant pests diagnostics: introduction	Sebastien Massart (University of Liège, Belgium)
13:00-13:20	Practical application on the use of NGS technologies in plant pests diagnostics: case studies & challenges	Mike Rott (Canadian Food Inspection Agency, Canada) – via videoconference
13:20-13:40	Practical application of NGS: case studies and why a CPM recommendation	Mark Whattam (Department of Agriculture and Water Resources, Australia) – via videoconference
13:40-14:00	A framework for the evaluation of biosecurity, commercial, regulatory and scientific impacts of plant pests identified by NGS technologies	Sebastien Massart (University of Liège, Belgium)
14:00-14:10	Concluding remarks	Adriana Moreira (IPPC Secretariat)
14:10-14:30	Q&A session	ALL

III. Side Session 3.

A. Collaboration with Research Organisations

7. This CPM-13 side event, jointly organized by the IPPC and EPPO secretariats, is aimed at informing IPPC contracting parties and stakeholders about the importance of international research collaboration.

8. Linking the challenges faced by National Plant Protection Organisations and Ministries to the problem-solving capabilities of research organisations allows NPPOs to shape future research agendas across countries and provide them with new research evidence that supports plant health policy.

9. Collaborations across nations, institutions and disciplines lead to higher quality science, efficiencies of resources use, better outcomes and wider adoption of results.

10. A good example of an international initiative that supports research coordination and collaboration is the Euphresco (European Phytosanitary Research Coordination) network. Examples of the benefits of such a collaboration at strategic and project level will be presented.

11. IPPC contracting parties and stakeholders are expected to contribute to the discussions, and provide suggestions on how to enhance international research collaboration.

Programme of the event		
12:30	Introductory remarks	Shoki Al-Dobai (IPPC Secretariat)
12:35	International research collaboration: from efficient use of resources to wider adoption of results	Kim Ritman, Department of Agriculture and Water Resources, Australia
12:50	Euphresco, an opportunity for phytosanitary research coordination and funding	Baldissera Giovani, European and Mediterranean Plant Protection Organization, France
13:05	International Plant Sentinel Network	Katherine O'Donnell, Botanic Gardens Conservation International, United Kingdom
13:20	Harmonized protocol for monitoring and detection of <i>Xylella fastidiosa</i> in its host plants and its vectors	Maria Saponari, National Research Council, Italy
13:35	Q&A session	All
14:05	End of the meeting	

IV. Side Session 4.

A. Resource Mobilization for Plant Health

12. The establishment and maintenance of national institutional framework to implement the IPPC convention and its standards sustainably and effectively is an age-old challenge. Countries struggle with ever more increasing challenges to identify quarantine pests and prevent their introduction and spread through trade and other means.

13. As new pests emerge due to climate change effects, new pathways or through mainstream channels of movement of plants and plant products around the world, the mandate to protect a country's plant resources rests with the NPPO designated by each contracting party. NPPOs often struggle for support and the financial resources to conduct their activities and may not be fully aware of all resource mobilization possibilities.

14. The IPPC developed a Guide for Resource Mobilization to help contracting parties identifying and accessing sources of funding and assistance to support their national phytosanitary activities. This guide is freely available at <https://www.ippc.int/en/irss/activities/29/>.

15. The aim of this side session is to provide information, examples and contacts to NPPOs on what sources of funding they could access using FAO's mandate as an example. It will emphasize the possible interactions a country can have through the FAO resource mobilization framework and emphasize the links to environmental funding mechanisms that could be at a country's disposal. This informative side session will build on the IPPC manual and provide further concrete examples to NPPOs.

16. IPPC contracting parties and stakeholders are expected to contribute to the discussions, and to network to get new ideas for resource mobilization.

Programme of the event		
17:00	IPPC Introductory remarks	Jingyuan Xia, IPPC Secretary
17:05	Introduction of the session and of the IPPC Guide to Resource Mobilization	Orlando Sosa, IPPC Programme Specialist
17:10	Partnering for IPPC	Nadine Valat, Team Leader, FAO Resource Mobilization Division (TCR)
17:20	FAO resource mobilization and the Global Environment Facility (GEF)	Sameer Karki, Technical Officer, FAO GEF Unit
17:30	FAO Support to SPS implementation process and resource mobilization in Madagascar	Patrice Tala, FAO Representative for Madagascar, Comoros, Mauritius and Seychelles and Louis Muhigirwa, FAO Deputy Representative for Madagascar, Comoros, Mauritius and Seychelles
17:40	Q&A session	All

V. Side Session 5.

A. International Year of Plant Health (IYPH) Partners Information Event

17. This CPM-13 side session is aimed at informing IPPC contracting parties and stakeholders about the status of the proclamation of the International Year of Plant Health (IYPH), and to trigger their involvement into the IYPH proclamation by the United Nations General Assembly and the subsequent IYPH programme of events.

18. Governments, international organizations, research and academia community and private sector organizations will share their plans to raise awareness on plant health and contribute to the IYPH programme development.

19. IPPC contracting parties and stakeholders are expected to contribute to the discussions, and share their input and ideas into the IYPH proclamation and programme development process.

Programme of the event		
12:30	IPPC introductory remarks	Shoki Al-Dobai, IPPC Secretariat
12:35	FAO practices in partnering for international years promotion	Marcela Villarreal, Director of FAO Partnerships and South-South Cooperation Division
12:45	Status of IYH proclamation and how you can support	Ralf Lopian, Ministry of Agriculture and Forestry of Finland
12:55	Vision of international organizations' support to IYPH	Melvin Spreij, Head, Standards and Trade Development Facility
13:00	Vision on the role of scientific and research community to promote IYPH	Washington Otieno, Centre for Agriculture and Biosciences International
13:05	Vision of private sector engagement in IYPH	Dennis Johnson, International Seed Federation
13:15	Q&A session	All