



COMMISSION ON PHYTOSANITARY MEASURES

CPM-19 (2025) SIDE SESSION ON THE SYSTEMS APPROACH: PRINCIPLES, PRACTICAL TOOLS, AND AN UPCOMING IPPC WORKSHOP

Thursday 20 March 2025

13:00 to 14:30 (Red Room, FAO HQ, Rome)

With interpretation in EN/FR/ES.

(A light lunch will be served prior to the session)

CONCEPT NOTE

(Reviewed and approved by the CPM Bureau and further reviewed by the CPM Bureau reps)

Background

A Systems Approach provides National Plant Protection Organizations (NPPOs) an alternative to single measures for managing pest risks by integrating multiple independent measures to achieve the desired level of protection. It is essential to tailor Systems Approaches on a case-by-case basis, considering the specific commodity and associated pests, with the objective to meet the phytosanitary requirements of the importing country. Additionally, these measures should strive to balance the potential investment of the exporting country in terms of costs and feasibility. [ISPM 14](#) (*The use of integrated measures in a systems approach for pest risk management*) provides requirements for developing, implementing, and evaluating these integrated measures.

This session at CPM-19 will introduce the principles for building System Approaches as outlined in ISPM 14 which will help participants to gain a better understanding of this concept. It will outline benefits of Systems Approaches and highlight implementation and capacity development resources and [tools](#) that are already available on the International Phytosanitary Portal (IPP). Distinguished speakers will contribute expertise. The session is meant as an introduction to the upcoming IPPC workshop on System Approaches, which will provide an opportunity for hands-on exercises, knowledge sharing, facilitated discussions, and networking.

Objectives:

Some examples of commodities for which systems approaches are successfully in operation:

- Highlight how these systems approaches facilitate safe trade.
- Identify that a number of countries or regions are using systems approaches successfully for wide range of commodity types.
- Demonstrate how systems approaches are inherently adaptable to change, e.g., impacts of climate change.

Steps and Best Practices for Implementation:

- Introduce the [Decision Support for Systems Approach tool](#) and demonstrate of how it can used to develop or assess a phytosanitary Systems Approach.

Preparations for an in-depth IPPC Workshop on Systems Approaches in 2026:

- Provide outline of plans for 4–5-day workshop on Systems Approaches.
- Seek feedback on and support for the proposed workshop as well as participation and collaboration from NPPOs.

Expected outcomes:

- (1) Enhanced understanding of the Systems Approach and its benefits with the aim to increase international uptake of the concept.
- (2) Increased awareness of the implementation tools available on the IPP.
- (3) Gained insights and actionable strategies for sustainable agriculture and growth within the horticultural industry, by using systems approaches (success case story).
- (4) Promotion and engagement for the upcoming IPPC workshop on systems approaches, tentatively planned for 2026.

Preliminary Programme (Duration: 90 minutes)

Session moderated by IPPC secretariat: Adriana Moreira, IPPC Deputy Lead to the Standard Setting Unit

Introduction – IPPC Secretariat (5 minutes)

Avetik Nersisyan, IPPC Standard Setting Unit Lead and FAO Agricultural Senior Officer

- Welcome.
- Quick introduction to the session.

Speaker 1: Rieks van Klinken (CSIRO – Australia): Getting started – Examples of Systems Approaches, their facilitation of safe trade and their inherent adaptability (15 minutes)

Content:

- Reasons and triggers for implementing systems approaches.
- Overview of what a systems approach is and explanations of the principles (two or more independent measures, explanation of what independent versus dependent measures).
- Explain how systems approaches are adaptable to change (e.g. impacts of climate change)

Speaker 2: Nelson Laville, (Head of Plant Protection and Quarantine, Division of Agriculture Ministry of Blue and Green Economy, Agriculture and National Food Security, Roseau, Dominica): [Introduction to the Decision Support for Systems Approach tool \(DSSA\)](#) (15 minutes)

Content:

- Overview and explanation on how the tool was developed.
- Overview of the pathway production tool.
- Demonstration of the tool.

Speaker 3: Teophilus Mutui (Head of NPPO Kenya): [Success Story – The Roses Export Program from Kenya to the EU](#) (15 minutes)

- Strategies taken for sustainable agriculture and growth within the horticultural industry of roses
- Steps taken to comply with European Union regulations of Rose Exports
- Kenya's Response to *Thaumatotibia leucotreta*, the False Codling Moth challenge

Speaker 4: Diego Quiroga (Argentina NPPO & Bureau member): Outline of the Systems Approach Workshop (15 minutes)

Content:

- Importance of systems approaches and how their implementation is connected to the IPPC 2020-2030 Strategic Framework and One Health.
- Insights of the planned IPPC systems approach workshop for 2026.

Q&A session moderated by Adriana Moreira, IPPC Deputy Lead to the Standard Setting Unit and FAO Programme Specialist (10 minutes)

- Interaction with the audience, addressing questions and comments.

Closing Remarks: Sam Bishop (CPM Vice-Chair and UK NPPO) (5-7 minutes)

- Summary of key takeaways from the session.
- Call to action for continued collaboration within the IPPC community.