



CPM-18 (2024) SCIENCE SESSION

STRATEGIC INSIGHTS INTO SYSTEMS APPROACHES: NATIONAL BEST PRACTICES AND QUANTITATIVE PERSPECTIVES

CONCEPT NOTE

Background

- [1] ISPM 14 offers guidelines for developing and evaluating integrated measures in systems approaches, providing an option for pest risk management and export certification under international standards for pest risk analysis (PRA). These approaches vary in complexity, and the use of critical control points aids in identifying and evaluating specific pest risks along a pathway where specified pest risks can be mitigated and monitored. The acceptance of a systems approach rests with the importing country, based on considerations relating to technical justification, minimal impact, transparency, non-discrimination, equivalence, and operational feasibility.
- [2] This science session at CPM-18 addresses the nuanced concerns expressed in various IPPC fora. It seeks to facilitate profound discussions on the challenges, successes, and lessons learned in applying systems approaches. It is intended to provide for a dynamic exchange of ideas, research findings, and practical insights. The session will draw from experiences of Contracting Parties leading in the adoption and operation of these methodologies, with three distinguished speakers contributing expertise rooted in case studies and quantitative aspects from their respective countries. The stated objectives ensure a thorough, technical exploration, contributing to a nuanced understanding of national experiences with systems approaches and their strategic implications for the IPPC community.

Objectives:

1. Case Studies and Best Practices, Analysis of National Systems Approaches:

- Showcase and dissect successful national implementations of systems approaches identifying key methodologies, frameworks, and strategies.

2. Lessons Learned and Challenges Faced:

- Discussion on challenges encountered during the establishment and obtaining recognition or acceptance of national systems approaches and share valuable lessons learned from experiences in overcoming these obstacles.

3. Inform Policy and Decision-Making, Foster Collaborative Networking:

- Provide actionable recommendations and insights to inform future IPPC decision-making in advancing the adoption and recognition of systems approaches on a global scale as well as knowledge exchange and networking within IPPC community for promoting the development of systems approaches in various scientific domains.

Expected outcomes:

1. Enhanced understanding of successful national implementation.
2. Knowledge sharing on lessons learned and challenges.
3. Actionable recommendations and insights to inform future IPPC decision-making.

Preliminary Programme (Duration: 90 minutes)

Introduction (5 minutes)

- Welcome and introduction to the science session (Diego).
- Brief overview of the significance of systems approaches in pest risk management (Diego).
- Introduction to the four distinguished speakers (Diego).

Speaker 1: Dr Rieks van Klinken (CSIRO): Best Practices and Quantitative Perspectives (12 minutes)

Content:

- Actionable recommendations and insights for advancing the adoption and recognition of systems approaches globally.
- Strategies for promoting knowledge exchange and networking within the IPPC community.
- Initiatives to foster collaborative efforts in various scientific domains.

Speaker 2: Martin Edgardo Delucis, (Director of Plant Foreign Trade in SENASA): Lessons Learned and Challenges Faced (12 minutes)

Content:

- Discussion on challenges encountered during the establishment and acceptance of national systems approaches.
- Sharing valuable lessons learned from overcoming obstacles.
- Insights into the strategies for managing and mitigating challenges.

Speaker 3 Cory Penca, PhD, DPM (USDA-APHIS-PPQ-S&T): US Experience with the Use of a Systems Approach for Export Purposes (12 minutes)

Content:

- Overview of the systems approach implemented in their country.
- Key methodologies, frameworks, and strategies employed.
- Analysis of successful outcomes and impacts.

Speaker 4: Justin Wall (USDA-APHIS-PPQ-PEIP): US Experience with the Use of a Systems Approach for Import Purposes (12 minutes)

Content:

- Overview of the systems approach implemented in their country.
- Key methodologies, frameworks, and strategies employed.
- Analysis of successful outcomes and impacts.

Panel Discussion (30 minutes) (Diego)

- Moderator facilitates a discussion among the four speakers.
- Interaction with the audience, addressing questions and comments.

Closing Remarks (7 minutes) (Diego)

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