

**DRAFT SPECIFICATION FOR IPPC GUIDES AND TRAINING MATERIALS****I. General information**

Submitted by (Country or Organization)	IPPC Contracting Party
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2. Standard information

Title	IPPC guide: Pest risk analysis for quarantine pests
Type of implementation resource	New implementation resource
New implementation resource	Guide
Convention articles, ISPMs and CPM recommendations to be addressed by the proposed implementation resource	International Plant Protection Convention (Preamble, Articles II, IV.2(f) and VII.2(g)) ISPM 2 Framework for pest risk analysis ISPM 11 Pest risk analysis for quarantine pests ISPM 5 Glossary of phytosanitary terms
Scope	<p>The IPPC guide is designed to help NPPOs to implement PRAs for some identified issues in which they are unsure of their decision during implementation on each stage of the PRA process (Stage 1, initiation; Stage 2, pest risk assessment; Stage 3, pest risk management) or on PRAs for pests to the environment and biological diversity, plants that are living modified organisms (LMOs), and plants as quarantine pests. While there is an option of developing an independent guide for each identified issue, if a new issue is identified and its guidance needs to be developed in the future, this proposal is to develop the integrated guide (e.g., a new issue will be included as Annex to this guide) that the guidance for a newly identified issue continues to be added to without creating as a stand-alone guide.</p> <p>However, these issues identified should be considered which to address under the stand-alone IPPC Guide (existing or under development) or this proposal:</p> <ul style="list-style-type: none">-Stage 3 (pest risk management)-Pest risk assessment considering impact of climate change, especially how to evaluate the impact by climate change taking account time and place factors and other factors, and using mathematical models

	-Pest Risk Communication, especially for plants as pests, environmental risks, and LMOs
Purpose	<p>The reorganization and revision of ISPMs related to PRA have been conducted by combining and revising, where relevant, ISPM 2, ISPM 11, and the draft ISPM on Pest risk management for quarantine pests (2014-001) (originally drafted as a stand-alone standard) to include all the requirements of the stages in PRA in one standard and to provide a revised guideline on the pest risk management stage (This reorganized PRA ISPM will be completed at CPM in 2025). The original intent of ISPM 2 and ISPM 11 is maintained but with streamlined descriptions, and the revision focuses on modification of the text for proper alignment with the structure of the new annex, with the redundant and repetitive text removed from the original requirements and guidance relating to PRA Stages 1 (Initiation) and 2 (pest risk assessment), but the substantive guidance remained. The content of PRA Stage 3 (Pest risk management) has not been modified to change the concept, but its content has been modified to be thickened than the present ISPM 11. Generic information is in the core text, and one for each stage of PRA is in Annexes 1, 2, and 3. Information on environmental risks, living modified organisms, and plants as pests are gathered into further annexes. Thus, the revision of PRA ISPMs is not the revision of PRA's process and approach, so the development of the guide can be initiated without waiting for the adoption of the reorganized PRA ISPM. The existing relevant implementation materials (e.g., E-learning course, Training kit) may provides a guide to general PRA implementation. Therefore, rather than providing aa general guide to PRA implementation, this guide provides guidance on issues identified in which they are unsure of their decision, during implementing PRA at each stage of the process and identified issues on PRAs for pests to the environment and biological diversity, plants that are living modified organisms (LMOs), and plants as pests, and is intended to be helpful in actual PRAs.</p> <p>The Expert Working Group (7–11 November 2022 in Milan, Italy) on reorganization and revision of pest risk analysis standards under specification 47 for ISPM has identified some issues needed for providing the implementation materials:</p> <ul style="list-style-type: none"> -to highlight that PRA should consider more than just the economic (monetary) consequences of the introduction of a pest, i.e., approach to evaluating environmental, economic, social, and other consequences for each -to define the endangered area., in line with the concept in Supplement 2 of ISPM 5 -to describe the various exit points (places to stop the PRA process) in detail. For example, if it was unlikely for a pest to transfer to the host, it was justified to stop the PRA -to consider the time frame that the PRA is relevant for, as it facilitates the inclusion of the impact of climate change to be considered in the PRA. -to consider the matrix on the strength of measures as part of

	<p>the implementation material.</p> <p>-to review the IPPC Guide to Pest Risk Communication, especially plants as pests, environmental risks, and LMOs, and recommend including it if not repeated in it.</p>
Content for the IPPC Guide or training material	<p>The working group should develop the guide based on the outcomes of the following tasks:</p> <p>(1) Provide guidance on evaluating consequences, i.e., environmental, economic, social, and other consequences for each to highlight that PRA should consider more than just the economic (monetary) consequences of the introduction of a pest,</p> <p>(2) Provide guidance on the various exit points (places to stop the PRA process) For example, if it was unlikely for a pest to transfer to the host, it was justified to stop the PRA.</p> <p>(3) Review the IPPC guide under development and consider if necessary, including guidance on pest risk assessment taking account relevant factors (e.g., spatial and temporal) and using mathematical models to evaluate the impact of climate change in the guide or in this proposed guide</p> <p>(4) Provide guidance on how to develop an overall risk rating based on a 'matrix models' approach to determine the strength of measures</p> <p>(5) Provide guidance on identifying and evaluating pest risk management options</p> <p>(6) Provide guidance on selecting the most appropriate phytosanitary measures commensurate with the identified risk</p> <p>(7) Consider including in the existing IPPC Guide or this proposed guide, especially if there is no mention of plants as pests, environmental risks, or LMOs in the IPPC Guide on Risk Communication for Pests and Plants</p> <p>(8) Consider guidance on issues identified in upcoming country consultations for new PRA ISPM</p> <p>(9) Suggest case studies that highlight NPPO experiences conducting PRAs for some identified issues abovementioned</p>
References and supporting materials (optional)	<p>ISPM 2. 2007. Framework for pest risk analysis. Rome, IPPC Secretariat, FAO. https://www.ippc.int/en/publications/592/</p> <p>ISPM 11. 2013. Pest risk analysis for quarantine pests. Rome, IPPC Secretariat, FAO. https://www.ippc.int/en/publications/639/</p> <p>ISPM 5. Glossary of phytosanitary terms. Rome, IPPC Secretariat, FAO. https://www.ippc.int/en/publications/622/</p> <p>IPPC Secretariat. 2023. DRAFT REORGANIZATION AND REVISION OF PEST RISK ANALYSIS STANDARDS: Pest risk analysis for quarantine pests (2020-001)(in development). Rome, IPPC Secretariat, FAO. https://www.ippc.int/en/core-activities/standards-setting/member-consultation-draft-specifications-ispms/</p> <p>IPPC Secretariat. 2019. IPPC Guide to Pest Risk Communication. Rome, IPPC Secretariat, FAO. https://www.ippc.int/en/publications/90623/</p> <p>IPPC Secretariat. 2022. E-learning course on Pest Risk Analysis. Rome, IPPC Secretariat, FAO. https://www.ippc.int/en/publications/90642/</p>

	<p>IPPC Secretariat. 2007. Training kit - Pest Risk Analysis. Rome, IPPC Secretariat, FAO. https://www.ippc.int/en/publications/90643/</p> <p>FAO. 2021. Scientific review of the impact of climate change on plant pests. Rome, FAO. https://www.fao.org/documents/card/en/c/cb4769en</p> <p>IPPC Secretariat. 2023. Report of Expert Working Group on Reorganization and revision of pest risk analysis standards (2020-001). Rome, IPPC Secretariat, FAO. https://www.ippc.int/en/publications/91944/</p>
Selection criteria for working group experts (optional)	<p>The following criteria should be used for selecting working group members:</p> <ul style="list-style-type: none"> -pest risk assessment, preferably with experience in using or conducting PRA according to ISPM 2 and ISPM 11; -pest risk management, including experience in evaluating and selecting pest risk management options according to the pest risk identified through the pest risk assessment; -pest risk communication.