



Food and Agriculture
Organization of the
United Nations



International
Plant Protection
Convention

REPORT

Focus Group on Climate Change and Phytosanitary Issues

**Virtual Meeting
23 September 2021**

IPPC Secretariat

Required citation:

IPPC Secretariat. 2021. *Report of the meeting of the Focus Group on Climate Change and Phytosanitary Issues, 23 September 2021*. Rome. Published by FAO on behalf of the Secretariat of the International Plant Protection Convention (IPPC).

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1. Opening of the meeting

- [1] The IPPC Secretariat (Secretariat) opened the meeting and welcomed all participants.
- [2] The Chairperson thanked the Focus Group on Climate Change and Phytosanitary Issues (FG-CCPI) participants for their significant contributions to the proposed key actions documents. The present meeting would be an opportunity for constructive brainstorming in preparation for the group to present an outline of its work to date to the Strategic Planning Group (SPG).
- [3] In response to a question about the nature and scope of SPG, the Chairperson said that SPG met once a year over the course of a week, usually in October, to provide strategic thinking and long-term outlook to the IPPC Community. It was not a decision-making body, but rather the “think tank” of the IPPC Community. The Chairperson would present the work of FG-CCPI to the forthcoming SPG, which would be a good sounding board and opportunity for feedback to the group. The draft action plan prepared by FG-CCPI would then go through a process of review and endorsement before being presented to the Commission on Phytosanitary Measures (CPM) in April 2022.

2. Meeting arrangements

2.1 Election of the Rapporteur

- [4] The Chairperson explained the role of the rapporteur in ensuring the accuracy of the meeting reports that would be prepared by the Secretariat after each meeting. FG-CCPI participants elected Ms Victoria LAMB as Rapporteur of the meeting.

2.2 Adoption of the agenda

- [5] FG-CCPI participants adopted the agenda as presented in Appendix 1 to the present report.

3. Administrative matters

3.1 Document list

- [6] FG-CCPI participants took note of the documents on the document list as presented in Appendix 2.

3.2 Participant list

- [7] FG-CCPI participants present were as listed in Appendix 3.
- [8] The Chairperson thanked those participants in the focus group who were taking part in meetings outside of normal working hours in their time zone.
- [9] The Chairperson noted that a number of FG-CCPI members were not present, and said that the small size of the focus group meant that it was important to have input, technical expertise and regional representation from all members. The participation of the CPM Bureau representative was also important to advocate for the work of the Group within the wider IPPC structure. The Secretariat said that it had reached out to the members who had been absent at the preceding FG-CCPI meeting, but had not received any feedback.

4. Follow-ups from previous meetings

4.1 Draft action plan for the “Assessment and management of climate change impacts on plant health”

- [10] FG-CCPI considered the draft action plan that had been prepared by the Secretariat. The Chairperson said that the draft drew on the focus group’s Terms of Reference (ToRs) and the IPPC Strategic Framework 2020–2030 to identify three major outcomes for the group’s work:
- awareness on the impacts of climate change on plant health is improved;
 - risks of climate change to plant health are evaluated and managed; and
 - enhanced recognition of phytosanitary matters in the international climate change debate.

- [11] The Chairperson said that the focus group was free to add to those outcomes or to amend them as it saw fit. In considering proposed activities, the Chairperson also said that the focus group's mandate to 2025 gave the group a long runway to plan activities, but that would also require proper scheduling and prioritization of items. Resourcing was also a critical concern, as only a small budget had been allocated to the focus group; there would be a need to mobilise resources from donors and contracting parties.
- [12] In considering proposed activities for Objective 1) Awareness on the impacts of climate change on plant health is improved, a number of participants noted that there were important connections to be made with the Focus Group on Communication (FG-COM) on this objective. There were also a number of proposed activities that could tie into the International Year of Plant Health (IYPH) legacies, notably the proposed webinars that could be incorporated into the webinars series in preparation for the International Day of Plant Health (IDPH). Linking proposed activities to the IYPH legacies was a good way to maximize exposure and participation. There were also strong links to be made between the impact of climate change to plant health and the Sustainable Development Goals (SDGs). A questionnaire, prepared through the Implementation and Review Support System (IRSS) process, would be a useful tool to understand the climate change and plant health issues people currently face, which could inform and guide the early work of the group, and ensure that the group was working on what people wanted and needed. There was a significant cost to an IRSS survey, however. The development of materials should be coordinated with the Secretariat in order to fit into the yearly publication plan. Proposed activities to include climate change and plant health concerns on agendas of internal IPPC meetings and forthcoming external events would help raise awareness of the topic, promote collaboration, and attract funding and resources.
- [13] In considering proposed activities for Objective 2) Risks of climate change to plant health are evaluated and managed, a number of participants said that it was important to consider work that had already been done in that area and to explore resources that already existed. The FG-CCPI web portal would be a good platform to share those resources with the wider community. International Standards for Phytosanitary Measures (ISPMs) were difficult to update, but there might be opportunities to incorporate climate change and plant health perspectives into guidance documents and other supporting elements to ISPMs.
- [14] The group's discussion on proposed activities are reflected in Appendix 4.
- [15] The Chairperson said that the group's work was off to an excellent start. FG-CCPI would consider the remaining proposed activities at its forthcoming session, and that the group could continue to add proposed activities to the list intersessionally.
- [16] The Chairperson said that although FG-CCPI was still working through its proposed action plan, there was a strong foundation to present to SPG. There was no need for the group to finalize its action plan until SPG had the opportunity to provide its insight and guidance.
- [17] *It was agreed that the Chairperson would work with the Secretariat to prepare the FG-CCPI report to submit to SPG.*

5. Any other business

- [18] No other business was raised.

6. Date and arrangement of the next meeting

- [19] FG-CCPI participants agreed to hold the forthcoming virtual meeting on 12 October 2021 at 11:30 to 13:30 CET.

7. Close of the meeting

- [20] The Chairperson thanked the participants for their contributions and the Secretariat closed the meeting.

Appendix 1: Agenda

**COMMISSION ON PHYTOSANITARY MEASURES
FOCUS GROUP ON CLIMATE CHANGE AND PHYTOSANITARY ISSUES
VIRTUAL MEETING
23 September 2021, 11:30 Rome (CEST)**

	Agenda Item	Document No.	Presenter
1.	Opening of the Meeting	--	IPPC Secretariat Christopher DALE (FG Chairperson)
2.	Meeting Arrangements		
2.1.	Election of the Rapporteur	--	Chairperson
2.2.	Adoption of the Agenda	01_FG_CCPI_2021_Sep	Chairperson
3.	Administrative Matters		
3.1.	Document list	02_FG_CCPI_2021_Sep	Erika MANGILI
3.2.	Participant list	03_FG_CCPI_2021_Sep	Erika MANGILI
4.	Follow-ups from previous meetings		
4.1.	Draft action plan for the " <i>Assessment and management of climate change impacts on plant health</i> "	04_FG_CCPI_2021_Sep	FG members
5.	Any other business	--	Chairperson
6.	Date and arrangement of the Next Meetings		Secretariat / Chairperson
	- 12 October 2021 (11:30 Rome CEST) – Meeting of the CPM Focus Group on Climate Change and Phytosanitary Issues 2021/04		
7.	Close of the Meeting	--	Chairperson

Appendix 2: Document list

DOCUMENT NO.	AGENDA ITEM	DOCUMENT TITLE	DATE POSTED / DISTRIBUTED
Administrative Documents			
01_FG_CCPI_2021_Sep	2.2	Provisional agenda	2021-09-21
02_FG_CCPI_2021_Sep	3.1	Documents list	2021-09-21
03_FG_CCPI_2021_Sep	3.2	Participants list	2021-09-21
04_FG_CCPI_2021_Sep	4.1	Draft action plan for the <i>“Assessment and management of climate change impacts on plant health”</i>	2021-09-21

Background documents	Agenda item
Five year investment plan of the IPPC Secretariat - in relation to the IPPC Strategic Framework 2020-2030	---
The FAO Action Plan on Antimicrobial Resistance 2016-2020	---
Implementation of the FAO Strategy on Mainstreaming Biodiversity	---
Implementation plan for the Global Action for Fall Armyworm Control	---
The Global Action for FAW control	---
Draft action plan for a Pest Outbreak Alert and Response Systems	---

Appendix 3: Participant list**CPM FOCUS GROUP ON CLIMATE CHANGE AND PHYTOSANITARY ISSUES****21 September 2021**

A check (✓) in column 1 indicates confirmed attendance at the meeting.

	Organization	Name, Organization, Address, Telephone	e-mail account
FG-CCPI members			
	NPPO of Tunisia	Mr Adel JAMAZI Director, Plant Protection Ministry of Agriculture Bizerte, Tunisia	adeljemmazi@yahoo.fr
✓	NPPO of Ghana	Ms Hannah SERWAA AKOTO NUAMAH Assistant Director, Plant Protection and Regulatory Services Directorate, Ministry of Food and Agriculture Accra, Ghana	hsnuamah@gmail.com hsakoto@st.ug.edu.gh
✓	NPPO of United Kingdom of Great Britain and Northern Ireland	Mr Dominic EYRE Senior Plant Health Scientist Department for Environment, Farming and Rural Affairs York, United Kingdom of Great Britain and Northern Ireland	dominic.eyre@defra.gov.uk
	NPPO of China	Mr Runzhi ZHANG Professor, Institute of Zoology Chinese Academy of Sciences Beijing, China	zhangrz@ioz.ac.cn
✓	NPPO of Canada	Ms Karen CASTRO Senior Risk Assessor - Botany Canadian Food Inspection Agency Ottawa, Canada	Karen.Castro@inspection.gc.ca
✓	NPPO of the United States of America	Mr Glenn FOWLER Risk Analyst USDA APHIS Plant Protection and Quarantine Sacramento, United States of America	glenn.fowler@usda.gov
✓	NPPO of New Zealand	Ms Victoria LAMB Co-Lead, HE Waka Eke Noa Climate Change Programme Extension Ministry for Primary Industries Wellington, New Zealand	Victoria.Lamb@mpi.govt.nz
✓	NPPO of Australia	Mr Christopher DALE Assistant Director, Plant Health Surveillance and Diagnostics; Program Manager, International Plant Health Surveillance Program Department of Agriculture, Water and Environment Canberra, Australia	Chris.Dale@agriculture.gov.au

	Organization	Name, Organization, Address, Telephone	e-mail account
FG-CCPI members			
✓	NPPO of Argentina	Mr Pablo CORTESE Director of Strategic Phytosanitary Information Servicio Nacional de Sanidad y Calidad Agroalimentaria (SENASA) Buenos Aires, Argentina	pcortese@senasa.gob.ar
	NPPO of Zimbabwe	Mr Godfrey Pasurai CHIKWENHERE Deputy Director, Department of Research and Specialist Services Ministry of Lands, Agriculture, Water and Rural Resettlement Harare, Zimbabwe	chikwenherepasu@gmail.com
	Independent expert on Climate Change	Mr Josef SETTELE Head of the Department of Conservation Biology & Social-Ecological Systems Helmholtz-Centre for Environmental Research Halle, Germany	Josef.Settele@ufz.de
Other participants			
	CPM Bureau champion for the FG-CCPI	Ms Marica GATT Director General (Veterinary and Phytosanitary Division) Albertyn, Marsa, Malta	marica.gatt@gov.mt

IPPC Secretariat

		Name	Email address
✓	IPPC Secretariat	Ms Erika MANGILI ANDRE	Erika.mangiliandre@fao.org
✓	IPPC Secretariat	Ms Sara GIULIANI	Sara.Giuliani@fao.org
✓	IPPC Secretariat	Mr Riccardo MAZZUCHELLI	Riccardo.Mazzucchelli@fao.org
✓	IPPC Secretariat	Mr Daniel McKINNON	danielmckinnon@yahoo.com

Appendix 4: Key actions, and tentative delivery dates of the 2021–2025 Action Plan for the “Assessment and management of climate change impacts on plant health”

Key actions	Tentative delivery dates	Priority
Outcome 1: Awareness on the impacts of climate change on plant health is improved		
Global Level Webinar (to Contracting Parties) on the impacts of climate change on plant health	Dec 2021	HIGH
Regional Level Webinar series (to RPPOs and NPPOs) on the impacts of climate change on plant health (targeted to regional priorities)	Feb–May 2022	MEDIUM
Stakeholder engagements at different levels (questionnaire survey and in-person and telephone interactions can be used to gather opinions of key stakeholders on climate change impacts on plant health)	2022	HIGH/ MEDIUM
Development of posters and flyers on impact of climate change on plant health (they can be shared on various digital platforms such as WhatsApp, telegram etc., where the target group can be reached)	2022–2025	HIGH/ MEDIUM
Capacity building of Agricultural Extension Agents, farmers and other relevant stakeholders on the impacts of climate change on plant health.	2022–2025	HIGH/ MEDIUM
Awareness (radio talk shows on the impact of climate change on plant health)	2022 - 2025	HIGH/ MEDIUM
A presentation titled “Initiatives to Address the Increasing Risk to Plant Health from Plant Pests Due to Climate Change” will be given by a Climate Change Focus Group member at the 2021 North American Plant Protection Organization (NAPPO) annual meeting (2021 Annual Meeting :: napponet.org)	3 November 2021	HIGH
Explore how the IPPC reporting system, which combines official reporting by contracting parties with other available and published information, may be enhanced to further share information on changes to pest distributions, host range, and adaptability of pests and host plants (from FAO Scientific Review)	2022–2025	MEDIUM
Develop a “climate change impacts on plant health” webpage (landing page) on the IPP as a repository of all FG related materials and resources	2021	MEDIUM
Promote FG and action plan at the 2022 IPPC IYPH conferences	2022	MEDIUM
Include the “climate change impacts on plant health” topic onto the agenda of all upcoming IPPC IC, SC and bureau meetings to raise awareness and investigate opportunities for collaboration	2021–2025	MEDIUM
Include the “climate change impacts on plant health” topic onto the agenda of all upcoming IPPC FAW and TR4 meetings to raise awareness and investigate opportunities for collaboration	2021–	MEDIUM
Include the “climate change impacts on plant health” topic onto the agenda of all upcoming IPPC Communications FG meetings to raise awareness and investigate opportunities for collaboration	2021–2023	MEDIUM
Outcome 2: Risks of climate change to plant health are evaluated and managed		
Review existing NPPO approaches to incorporating climate change considerations in PRA and surveillance (e.g. questionnaire)	2022	MEDIUM
Develop recommendations regarding climate change and plant health and, if necessary, of associated guidelines for pest risk analysis and surveillance	2022–2025	MEDIUM
Provide advice on the use of climate change models e.g. pros and cons of different models, time period to use, uncertainties, geographical and temporal scale (webinars / guides / e-learning courses)	2022–2025	LOW
Provide advice on how to assess the impact of climate change on individual pests, the suite of pests on an individual crop and pest control methods	2022–2025	LOW
Develop tools or link to tools that will help national risk assessments for climate change and pest issues	2022–2025	MEDIUM
As per the recommendation in the FAO report on climate change impacts on plant pests (IPPC Secretariat, 2021) we suggest that the IPPC create ISPMs for adding climate change into pest risk assessments (PRAs). We also suggest that these ISPMs provide guidance on when it is appropriate to do this and the associated challenges. Information on these topics can be found in the NAPPO discussion document, “Climate Change and Pest Risk Analysis” , and the associated technical summary .	2022–2025	LOW

Recommend the use of internet-based identification tools that allow for the rapid identification of plant pests, e.g. USDA APHIS Pest Identification Technology Lab , to help support increased plant pest surveillance and reporting recommendations in the FAO report on climate change impacts on plant pests.		
Recommend the creation of regional climate hubs, e.g. USDA Climate Hubs that provide science-based information to agricultural and natural resource managers to help address the effects of climate change. These climate hubs could help countries with adaptation and reduce climate change related damage.		
Recommend the use of predictive models for plant pests that incorporate the effects of climate change, e.g. Climex and the Spatial Analytic Framework for Advanced Risk Information Systems (SAFARIS), to inform strategic planning and improve pest management which supports the increased capacity building recommendation in the FAO report on climate change impacts on plant pests.		
Review linkages and opportunities support the IPPC “Safe aid” trade recommendation initiative	Jan–Feb 2021	MEDIUM
Develop emergency response guidelines for pest outbreak, surveillance and monitoring.		
Develop effective early warning and surveillance systems.		
Produce guidance on how climate change related risks / threats can be mitigated		
Develop an IPPC Guide to assist NPPO’s in identifying, assessing and managing ‘climate change impacts on plant health	March 2022	MEDIUM
Include a “climate change impacts on plant health” criteria (similar to the “potential implementation issues” criteria) onto the template for draft “standard” specifications, draft guidance material specifications, and into the assessment criteria for the upcoming IPPC ‘call for topics.	Oct 2021	MEDIUM
Conduct a review and evaluation of all IPPC guidance materials (guides, e-learning, website component pages) to investigate opportunities to incorporate “climate change impacts on plant health” technical resources.	Oct 2021	MEDIUM
Outcome 3: Enhanced recognition of phytosanitary matters in the international climate change debate		
Cooperate and exchange information on climate change and plant health matters with the Intergovernmental Panel on Climate Change (IPCC)		
Liaise with other relevant entities that deal with climate change such as the Secretariat of the Convention on Biological Diversity (CBD)		
Mainstream phytosanitary policies into the climate change debate		
Identify additional international or regional organisations that it would be useful to engage with.		
Investigate opportunities to raise awareness of “climate change impacts on plant health” at the upcoming COP26 forum (Oct-Nov 2021)	Oct 2021	HIGH
Include “climate change impacts on plant health” topic onto the agenda of all upcoming RPPO meetings and conferences (including annual workshops)	Nov 2021	MEDIUM