



Food and Agriculture  
Organization of the  
United Nations



International  
Plant Protection  
Convention

## **REPORT**

# **Focus Group on Climate Change and Phytosanitary Issues**

**Virtual Meeting  
15 June 2022**

**IPPC Secretariat**

Required citation:

IPPC Secretariat. 2022. *Report of the meeting of the Focus Group on Climate Change and Phytosanitary Issues, 15 June 2022*. 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. Meeting arrangements

### 2.1 Election of the rapporteur

- [2] The Focus Group on Climate Change and Phytosanitary Issues (FG-CCPI) participants elected Hannah SERWAA AKOTO NUAMAH as rapporteur of the meeting.

### 2.2 Adoption of the agenda

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

## 3. Administrative matters

- [4] The secretariat invited participants to contact the secretariat if they faced issues accessing the MS Teams platform. The secretariat agreed that it would send meeting documents that need necessary actions to be taken by email in addition to posting them on the MS Teams platform.

### 3.1 Participant list

- [5] The secretariat noted that Pablo CORTESE and Samuel BISHOP were not available to attend the meeting. The participant list is presented in Appendix 2.
- [6] The secretariat invited the participants to notify the secretariat if any changes were needed to the information on the participant list, as it is reflected in the [membership list](#) on the International Phytosanitary Portal (IPP – [www.ippc.int](http://www.ippc.int)).

## 4. Outcomes from the Action Plan

- [7] The chairperson said that the resumption of in-person meetings represented an opportunity for FG-CCPI members to raise awareness of the work of the group.
- [8] FG-CCPI members provided regional updates on climate change and phytosanitary issues.
- [9] In the Southwest Pacific, regional strategies for climate change were being developed, and climate change impacts formed an important part of the regional biosecurity strategy being developed for the Secretariat of the Pacific Community. The chairperson said that it was a positive development that climate change impacts on plant and animal health were increasingly recognized and incorporated into statutory frameworks. Work was being carried out in Papua New Guinea on climate change adaptation in agricultural systems and tropical biosecurity pests. One member noted the detection of fall armyworm in New Zealand. One member also noted the detection of significant animal diseases in the region, and the important crossover between animal health and plant health. The group should keep One Health considerations in mind when developing guides and resources. In New Zealand, a report on biosecurity had been delivered to the minister responsible, and a national adaptation plan was now being prepared.
- [10] In Europe, the German Agricultural Research Alliance (DAFA) organized a meeting on the effect of climate change on plant protection.<sup>1</sup> The forthcoming German Plant Protection Conference,<sup>2</sup> to be held 26 to 29 September 2023, represented an opportunity to present the work of FG-CCPI. In answer to a question on the modalities of presenting at the conference, the chairperson said that FG-CCPI already had resources that members could use to present the work of the group in conferences and other fora.

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<sup>1</sup> Available at: <https://www.dafa.de/veranstaltungen/2022-workshop-serie-zu-landwirtschaft-im-klimawandel/> [in German]

<sup>2</sup> Available at: <https://www.pflanzenschutztagung.de> [in German]

One member mentioned that CABI had a podcast series that included topics such as invasive insects,<sup>3</sup> and that podcasts might represent a possible avenue to disseminate information on climate change and phytosanitary issues and promote the work of FG-CCPI. One member reported that the forthcoming National Adaptation Programme for the United Kingdom of Great Britain and Northern Ireland would have greater emphasis on climate change and plant health, and would address issues in a more holistic way across departments and ministries. The member said that work with FG-CCPI was helpful in informing their contribution to the National Adaptation Programme in terms of international and multilateral collaboration. One member reported that the Meteorological Office of the United Kingdom, in collaboration with CABI, was organizing a Climate Science for Service Partnership China to use climate data to understand where pest species could present potential risks in China.<sup>4</sup>

- [11] In North America, one member reported that a webinar and a conference were organized to commemorate the International Day of Plant Health (IDPH). A workshop was held to bring together stakeholders from federal and provincial governments, academia and non-governmental organizations to form a regional invasive species and climate change network. The 2022 annual meeting of the North American Plant Protection Organization (NAPPO)<sup>5</sup> would include a symposium on climate change and plant health issues. One member would speak at the meeting, and another member would provide an update on the work of FG-CCPI. One member said that he delivered a presentation on climate change and plant health, referencing the work of FG-CCPI, on 26 May 2022 for the United States Department of Agriculture Animal and Plant Health Inspection Service (USDA APHIS). He reported that he was also invited to speak at a plenary session on climate change impacts on plant health at the International Plant Health Conference in London, United Kingdom, which was pending approval from their his agency. One member said that they had secured contacts at CABI to facilitate possible future cooperation with that agency.
- [12] In Africa, Green Ghana Day on 10 June sought to replant and replace trees cut by illegal logging activities, and included awareness-raising and education activities in schools. Activities were particularly focused in areas heavily impacted by illegal logging and changing weather conditions, which had the potential to lead to situations of food insecurity. The national plant protection organization of Ghana, in cooperation with CABI and through the farmer field schools network, was researching the use of indigenous biocontrol methods to defend against fall armyworm.
- [13] The chairperson noted that in Asia there was now considerable focus on the impacts of climate change on biocontrol methods and on integrated pest management systems.
- [14] In the Near East and North Africa, a national conference would be held in Tunisia on the impact of climate change on cereal crops. Tunisia had also organized a national forum on climate change adaptation that brought together government agencies, non-governmental organizations and the private sector.<sup>6</sup> The chairperson said that resources in languages other than English were particularly beneficial for disseminating information at a global level on climate change impacts to plant health, and encouraged members to submit resources to the secretariat.
- [15] The chairperson noted that presentations made by FG-CCPI members contributed to the priority action item “raise awareness of the impacts of climate change on plant health”. Capturing that information would be beneficial when it came time to report on FG-CCPI achievements and deliverables. The chairperson encouraged members to share meeting links and recordings with the secretariat, as they would be valuable resources for the FG-CCPI webpage.

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<sup>3</sup> Available at: <https://anchor.fm/cabi-podcast>

<sup>4</sup> Available at: <https://www.metoffice.gov.uk/research/approach/collaboration/newton/climate-science-for-service-partnership-china>

<sup>5</sup> Available at: <https://nappo.org/>

<sup>6</sup> Available at: <http://cc-tunisie.com/forum-national/> [in French]

## 4.1 Activities prioritized for 2022–2023

### *Webinar*

- [16] The chairperson said that one of the priority activities for FG-CCPI to deliver in the forthcoming 18 months was to “convene a global-level webinar to contracting parties on the impacts of climate change on plant health”. It would be up to group members to decide on the topics to include in the webinar, noting that the webinar should align with the structure of the IPPC guide to manage climate change impacts on plant health, and thus preparation of the guide should come first. The webinar would expand on the information presented in the guide and provide subject-matter expertise. The chairperson initially suggested that the webinar be held in early December 2022 to avoid scheduling conflicts with other committee meetings, but then acknowledged that that timeline might be too ambitious to develop, translate and publish the guide, particularly as no funding had yet been secured for the activity. There was general consensus that May 2023 would be a better time to host the webinar, possibly as part of activities for the International Day of Plant Health (IDPH) on 12 May, noting that there may be other IPPC groups competing for time and attention on IDPH and that flexibility and compromise might be necessary.
- [17] The chairperson suggested that members review recordings of previous webinars to familiarize themselves with the format and structure of IPPC webinars. The secretariat will provide links to the IPPC webinar series for fall armyworm and for Fusarium TR4 to the FG-CCPI members.

### *IPPC guide*

- [18] The chairperson said that topics in the guide would be based on the subject-matter expertise of FG-CCPI members. Members could start to populate the framework document on the MS Teams platform; members who had difficulty accessing the MS Teams platform were welcome to provide their contributions by email. FG-CCPI members would review contributions to the guide at each meeting and decide on what was relevant and applicable for all FAO regions.
- [19] The chairperson pointed out that including national and regional case studies in the guide would make the information more relatable and would provide practical examples for contracting parties to see what had been successfully implemented elsewhere.
- [20] A number of members said that communication and engagement would be key topics for the guide as national plant protection organizations (NPPO) would use the guide to communicate with farmers and other stakeholders on the impact of climate change on plant health. The guide would need to be particularly mindful of responses to climate change impacts in developing countries and for Indigenous Peoples.
- [21] One member said that the guide should include a section on climate data modelling and forecasting, along with examples of how countries were responding to the impacts of climate change on plant health.
- [22] The chairperson said that the fall armyworm guide, *Prevention, preparedness and response guidelines for Spodoptera frugiperda*,<sup>7</sup> would serve as a good point of reference to inform FG-CCPI work on preparing its own guide. The guide was posted to the FG-CCPI channel on the MS Teams platform.
- [23] The chairperson proposed that FG-CCPI aim to complete the guide by February 2023 in advance of the Seventeenth Session of the Commission on Phytosanitary Measures (CPM-17). That should give the group sufficient time to prepare the document and secure funding for its translation and publication.
- [24] One member suggested that FG-CCPI members consult with their NPPOs on the content of the guide and to seek feedback thereon in order to have better representation of regional needs and specificities.

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<sup>7</sup> Available at: <https://doi.org/10.4060/cb5880en>

## 5. Any other business

- [25] The secretariat presented a one-page document to help raise awareness of the work of FG-CCPI. The chairperson said the document would be very helpful in forthcoming regional conferences and at the International Plant Health Conference, and would serve as a practical way to provide information. Members were encouraged to provide content for the fact sheet intersessionally. One member noted that there was already an IPPC fact sheet on plant health and climate change<sup>8</sup> that might be helpful to inform the work of FG-CCPI.
- [26] In advance of the forthcoming FG-CCPI meeting, the chairperson encouraged members to revisit the five key priority actions and identify opportunities within their regions to promote the work of FG-CCPI.

## 6. Date and arrangements of the next meeting

- [27] FG-CCPI members agreed to hold their forthcoming meeting on 12 July 2022 at 11:00 to 13:00 CET.
- [28] The chairperson thanked the participants who were accommodating of FG-CCPI meetings outside of normal working hours in their time zone. The issue of meeting timing could be revisited as needed, noting that it may be more equitable to all members to rotate the timing of future meetings.

## 7. Close of the meeting

- [29] The chairperson thanked the participants for their contributions and the secretariat closed the meeting.

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<sup>8</sup> Available at: <https://www.fao.org/documents/card/en/c/cb3764en>

**Appendix 1: Agenda**

**COMMISSION ON PHYTOSANITARY MEASURES  
FOCUS GROUP ON CLIMATE CHANGE AND PHYTOSANITARY ISSUES  
VIRTUAL MEETING**

	<b>Agenda Item</b>	<b>Document No.</b>	<b>Presenter</b>
1.	<b>Opening of the meeting</b>	–	IPPC Secretariat / Christopher DALE (FG Chairperson)
2.	<b>Meeting arrangements</b>		
2.1	Election of the rapporteur	–	Chairperson
2.2	Adoption of the agenda	01_FG_CCPI_2022_Jun	Chairperson
3.	<b>Administrative matters</b>		
3.1	Participant list	02_FG_CCPI_2022_Jun	Erika MANGILI
4.	<b>Outcomes from the Action Plan</b>		
4.1	Activities prioritized for 2022–2023 - Webinar - IPPC guide	–	Chairperson / All
5.	<b>Any other business</b>		Chairperson
6.	<b>Date and arrangement of the next meeting</b>		IPPC Secretariat / Chairperson
7.	<b>Close of the meeting</b>	–	Chairperson

## Appendix 2: Participant list

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

	FAO Region	Name, Organization, Address, Telephone	e-mail account
<b>FG-CCPI members</b>			
✓	Africa	<b>Ms Hannah SERWAA AKOTO NUAMAH</b> Assistant Director, Plant Protection and Regulatory Services Directorate, Ministry of Food and Agriculture Accra, Ghana	<a href="mailto:hsnuamah@gmail.com">hsnuamah@gmail.com</a> <a href="mailto:hsakoto@st.ug.edu.gh">hsakoto@st.ug.edu.gh</a>
✓	Europe and Central Asia	<b>Mr Dominic EYRE</b> Senior Plant Health Scientist Department for Environment, Farming and Rural Affairs, York, United Kingdom of Great Britain and Northern Ireland	<a href="mailto:dominic.eyre@defra.gov.uk">dominic.eyre@defra.gov.uk</a>
✓	Asia	<b>Mr Runzhi ZHANG</b> Professor, Institute of Zoology Chinese Academy of Sciences Beijing, China	<a href="mailto:zhangrz@ioz.ac.cn">zhangrz@ioz.ac.cn</a>
✓	North America	<b>Ms Karen CASTRO</b> Senior Risk Assessor - Botany Canadian Food Inspection Agency Ottawa, Canada	<a href="mailto:Karen.Castro@inspection.gc.ca">Karen.Castro@inspection.gc.ca</a>
✓	North America	<b>Mr Glenn FOWLER</b> Risk Analyst USDA APHIS Plant Protection and Quarantine Sacramento, United States of America	<a href="mailto:glenn.fowler@usda.gov">glenn.fowler@usda.gov</a>
✓	Southwest Pacific	<b>Ms Victoria LAMB</b> Co-Lead, HE Waka Eke Noa Climate Change Programme Extension Ministry for Primary Industries Wellington, New Zealand	<a href="mailto:Victoria.Lamb@mpi.govt.nz">Victoria.Lamb@mpi.govt.nz</a>
✓	Southwest Pacific (Chairperson)	<b>Mr Christopher DALE</b> Biosecurity Specialist Agricultural Development and Food Security Department of Foreign Affairs and Trade Climate Integration and Programming Branch Climate Change and Sustainability Division Canberra, Australia	<a href="mailto:Chris.Dale@agriculture.gov.au">Chris.Dale@agriculture.gov.au</a>
	Latin America and the Caribbean	<b>Mr Pablo CORTESE</b> Director of Strategic Phytosanitary Information Servicio Nacional de Sanidad y Calidad Agroalimentaria (SENASA) Buenos Aires, Argentina	<a href="mailto:pcortese@senasa.gob.ar">pcortese@senasa.gob.ar</a>

✓	Near East and North Africa	<b>Ms Essia Limem SELLAMI</b> Head of the Entomology Department Ministry of Agriculture Tunis, Tunisia	<a href="mailto:essialimem@yahoo.fr">essialimem@yahoo.fr</a>
✓	Europe and Central Asia	<b>Mr Bastian HESS</b> Research assistant Julius Kühn-Institute, Federal Research Centre for Cultivated Plants (Institute for National and International Plant Health) Braunschweig, Germany	<a href="mailto:bastian.hess@julius-kuehn.de">bastian.hess@julius-kuehn.de</a>
<b>Other participants</b>			
	CPM Bureau champion for the FG-CCPI	<b>Mr Samuel BISHOP</b> Plant Health Policy team Department for Environment, Food and Rural Affairs National Agri-Food Innovation Campus Sand Hutton York, North Yorkshire, United Kingdom of Great Britain and Northern Ireland	<a href="mailto:sam.bishop@defra.gov.uk">sam.bishop@defra.gov.uk</a>

***IPPC Secretariat***

		<b>Name</b>	<b>Email address</b>
✓	IPPC Secretariat (Lead)	<b>Ms Erika MANGILI ANDRE</b> Standard Setting Specialist	<a href="mailto:Erika.mangiliandre@fao.org">Erika.mangiliandre@fao.org</a>
✓	IPPC Secretariat	<b>Mr Daniel MCKINNON</b> Report Writer	<a href="mailto:danielmckinnon@yahoo.com">danielmckinnon@yahoo.com</a>