



# International Forestry Quarantine Research Group

Annual Meeting and Symposium

**4<sup>th</sup> - 8<sup>th</sup> November – 2024**

**\*Virtual Components 5<sup>th</sup> and 7<sup>th</sup> November**

**5:00-8:00 PDT/ 8.00-11:00 EDT/ 14:00-17:00 CEST**

The International Forestry Quarantine Research Group (IFQRG) supports the International Plant Protection Convention (IPPC) community by addressing critical forestry quarantine issues for the global plant protection community through scientific analysis, discussion and collaborative research.

## OUR GOALS

- Identify and respond to high priority questions that face the international forest phytosanitary community.
- Carry out collaborative independent research and analysis as required.
- Provide carefully considered advice to the regulatory community including the bodies of the IPPC.

The IFQRG-21 annual meeting and symposium will run for 5 days covering international standards, molecular tools, and phytosanitary measures. To accommodate those who are unable to attend in person, two virtual sessions on the 5<sup>th</sup> and 7<sup>th</sup> will cover 8, fifteen-minute presentations including a short question/answer period.

**This meeting will also see the launch of the [FAO Guide to Implementation of Phytosanitary Standards in Forestry – Volume 2](#).**

To register for the meeting and/or symposium, please email the meeting registrar, Meghan Noseworthy ([Meghan.Noseworthy@nrca-nrcan.gc.ca](mailto:Meghan.Noseworthy@nrca-nrcan.gc.ca)). A virtual meeting registration link will be sent to participants for the virtual sessions on the 5<sup>th</sup> and 7<sup>th</sup> November.

See the official IFQRG website for further information

[https://www.ippc.int/en/partners/organizations-page-in-ipp/  
internationalforestryquarantineresearchgroup/](https://www.ippc.int/en/partners/organizations-page-in-ipp/internationalforestryquarantineresearchgroup/)



# Presentations at the Meeting

## Updates and International Standards Development

Regional and organisation updates

Research to support the development of international standards

The continued downtrodden reputation of ISPM 15 - *Christopher Howard*

## Virtual Session (5<sup>th</sup> November): Guide Launch and Molecular Tools

### Launch: Guide to implementation of phytosanitary standards in forestry – V2

Impact of the "Guide to Implementation of Phytosanitary Standards in Forestry" – *Allen/Schröder*

The IFQRG Molecular Tools Working Group: Working towards recommendations for molecular tools for identification of pests on forest products in trade – *Angela Dale*

The iTrackDNA Project: Enhancing Forestry Industry Sustainability with Environmental DNA – *Caren Helbing*

Application of Biomolecular Approaches for Tracking the Efficacy of Phytosanitation Measures Against the Pinewood Nematode in Wood Products – *Vanessa Thompson*

A Case Study in Developing Molecular Assays for Detecting Live and Dead Pinewood Nematodes in Wood Products – *Hajeong Lee*

Genomics at our service: development of point-of-care diagnostic assays for forest pathogens – *Nicolas Feu*

## Phytosanitary Challenges and Treatments

Implementing forest product ISPMs in Africa – *Eric Allen*

Forest pests heat treatment research - specific lethal doses for wood borers and fungal pathogens – *Meghan Noseworthy/Angela Dale*

A preliminary tolerance screening of wood-infecting fungal species submitted to treatment temperatures recommended in ISPM 15 – *Jean-Marc Henin*

Research on pine wilt disease in China – *Yongxia Li*

## New Tools and Technology

Surveillance and detection of potentially harmful organisms using long-read sequencing tools in forest pathology – *Jana Mittelstrass*

The assessment of tree seed mycobiomes using Illumina and Nanopore metabarcoding and traditional plating – *Iva Franić*

## Virtual Session (7<sup>th</sup> November): Phytosanitary measures and guidance for wood chips

EPPO standard for monitoring and consignment inspection of wood chips, hogwood and bark for quarantine pests – *Dominic Eyre*

EPPO Guidance document for managing the risks associated with international trade in wood chips – *Dmitrii Musolin*

Production, international movements and markets of wood chips – *Jean-Marc Henin/Xavier Tassus*

Phytosanitary risks and quarantine pests associated with wood chips – *Adnan Uzunovic*

Treatments/measures/management practices for wood chips to eliminate and manage pest risk in international trade – *Jean-Marc Henin/Ron Mack*

Evaluating systems approaches/ chain of custody to significantly reduce pest risk in international trade of wood chips – *Adnan Uzunovic/Meghan Noseworthy*

Regulator and Industry Perspective on wood chip trade – *Christopher Howard*