

International Union of Forest Research Organizations

IUFRO Meeting Report Form

Organizers of IUFRO meetings and IUFRO focal persons at IUFRO co-sponsored meetings, respectively, are kindly requested to fill in and return this form within two weeks after the meeting or by a given deadline by email (wolfrum@iufro.org). This information will be posted at the relevant IUFRO web pages and may be used for IUFRO News and the IUFRO Annual Report.

(Note: Save this file under a new name and write directly into the form.)

1) IUFRO focal person/meeting organizer:

Name: Etsuko Shoda-Kagaya

Function in IUFRO: WP 7.03.12 coordinator

Email: eteshoda@affrc.go.jp

2) Meeting data:

Full title of the meeting: IUFRO Division 7 Joint Meeting WP 7.03.06 7.03.12 7.03.13: Theory and Practice to address Defoliating Insects, Invasive Pests and Biological Control of Insects and Pathogens in Forests

Date and venue: 21st to 23rd August 2024, Asakusa View Hotel, Tokyo

Meeting website: <https://www.iufro2024tokyodiv7.com>

Number of participants: On-site 54, Online 9

Countries represented: 18

3) Organization of the meeting:

All IUFRO Units involved: WP 7.03.06, 7.03.12 and 7.03.13

Host organization(s) and sponsor(s):

Hosts: IUFRO Division 7 Joint Meeting IUFRO Tokyo 2024 Organizing Committee, Wood Trade Pests Consortium and Forestry and Forest Products Research Institute (FFPRI)

Sponsors: National Land Afforestation Promotion Organization, Forest Research Support Fund, Japan Forest Technology Association, The Japan Forestry Association, IUFRO-J, Forest Chemicals

Association of Japan and Japan Forest Foundation

Study tour(s) to: Ashikaga city, Tsukuba city, Forestry and Forest Research Institute

4) Meeting report (max. 100 words per paragraph)

a) Background information (meeting context)

The health of forests worldwide is threatened by insect pests and diseases. For example, outbreaks of defoliating insects reduce production efficiency, and the continued introduction of invasive pests is stretching the available capacity and resources to manage these threats. Research in various disciplines is needed to unlock new approaches to manage forest pests, including a shift in focus from chemical to biological control. In addition, many of the current threats require cross-boundary and multi-disciplinary approaches.

b) Key issues discussed/latest findings in the field (bullet points or text)

This joint meeting exchanged information on the theory and practice to address defoliating insects and invasive species of forests, including biological control and other approaches. The keynote speeches were given by Prof. Manuela Branco on deciduous insects in Europe, Prof. Juan Corley on Ecological drivers of invasive forest pests, Dr. Nami Uehi on Invasive wood boring species in Japan and Dr. Shiroma Sathyapala on regional and global invasive species management, all of which were well received by the audience. Oral presentations were given from Europe, North America, South America, Africa, and Asia, and the variety of content attracted a large audience.

The excursion on the second day included a visit to Ashikaga to see *Aromia bungii*, oak wilt and pine wilt damaged areas, a visit to the Tsukuba City area to see trees affected by *Anoplophora glabripennis*, and a visit to the arboretum and a small museum at FFPRI.

c) Conclusions (if possible, summarize key conclusions across presentations):

- Understanding the ecological background of invasive alien species, defoliators and biological control agents has a significant impact on the development of actual management policies
- International as well as interdisciplinary collaborations are critical to understanding global challenges pertaining to invasive pest introductions, outbreaks mediated by climate change and navigating bureaucracy to enable policymaking to mitigate impacts of pests and pathogens
- Efforts for regional, gender and cultural equality are conducive to more internationally coordinated research and practice

d) Outlook to future activities (proceedings, future meetings, other): The meeting was a great success and discussions began on organizing the next IUFRO Joint Working Party Meeting in 2026. The Canadian Forest Service has offered to host a meeting in Fredericton, New Brunswick with at least three IUFRO WPs and including more formats for exchange such as workshops and group discussions.

4) Photos



Caption: Coordinators and deputies of WP 7.03.06, 7.03.12 and 7.03.13

Credit (not protected by copyright): Etsuko Shoda-Kagaya



Caption: On-site participants

Credit (not protected by copyright): Midori Kagaya



Caption: Excursion, visiting *Aromia bungii* affected areas in Ashikaga city

Credit (not protected by copyright): René Eschen

5) Other information:

a) Communication activities (dissemination of information about the meeting; promotion of IUFRO)

René Eschen, 7.03.12 coordinator, shared information about IUFRO with the attendees at the opening of the meeting and confirmed its significance

b) Related publications /websites

<https://www.iufro2024tokyodiv7.com>

Thank you very much for your kind cooperation!