



FAO Forestry Department and the International Plant Protection Convention (IPPC)

Technical meeting to develop a guide on implementing international standards for phytosanitary measures in the forest sector

**13-15 May 2009
Rome, Italy**

Meeting summary

Introduction and welcome

Mr. Jose Antonio Prado, Director of the Forest Management Division of FAO, welcomed the participants (Annex 1) and expressed his appreciation to them, and their organizations, for their participation. He stressed the need for a bridge between phytosanitary regulatory bodies and the forest sector to reduce the movement of pests and their impacts on forests. Mr. Prado also stressed the need to prepare a guide to make phytosanitary standards more accessible and relevant in the forestry context and noted that the meeting and its agenda (Annex 2) aimed to develop the structure and content of such a guide.

Mr. Jim Carle, Chief of the Forest Resources Development Service of FAO, discussed the lessons learned through the process of developing FAO Forestry multi-stakeholder voluntary guidelines on fire management and planted forests. He suggested the establishment of strategic timelines for the process and the development of methods for disseminating, implementing and monitoring/testing the guide.

Mr. Brent Larson, Standards Officer with the International Plant Protection Convention (IPPC) Secretariat, discussed the IPPC view of the process and noted the need to develop synergies between national plant protection organizations (NPPOs) and the forest sector.

Presentations on the IPPC and phytosanitary issues in the forest sector provided good background information for the need of a guide and the current availability of information.

Regional experiences

Presentations were made regarding the issues in each region represented (Africa, Asia and the Pacific, Europe, Latin America and the Caribbean, North America) with regards to International Standards for Phytosanitary Measures (ISPMs) and forestry. A number of common issues arose including the following.

- Globalization has led to increased frequency of new pest reports and new pest risks.
- Some countries are concerned about the lack of precautionary actions taken when confronted with new pest introductions.
- There is often a lack of communication and collaboration between NPPOs and regional plant protection organizations (RPPOs) and the forest sector and a lack of awareness of the existence of ISPMs and their applicability to the forest sector.

- There are often problems with terminology when communicating with the forest sector as the forest sector has a unique understanding of the concepts equivalent to plant quarantine principles, i.e. the use of the term plant vs. tree.
- There is often difficulty in relating the information within the ISPMs into a forestry context, in understanding the complex topics within the ISPMs and in translating the information into local languages and contexts.
- There is a need for increased capacity, infrastructure and resources to carry out phytosanitary and pest management activities, such as monitoring, detection and diagnostics, and also a need for increased interaction between NPPOs and universities and research.
- Good models for cooperation between NPPOs and the forest sector exist but it was noted that there are many ways to carry out phytosanitary activities and adaptation to local conditions would likely be best.

Development of the guide

Participants reviewed the IPPC glossary (ISPM No. 5) and noted that there is a general lack of forestry-specific terms included and that the terms used in standards are often unique and may be confused with similar terms in forestry. They suggested that the terminology used in the guide should be explained sufficiently to clarify their meaning to foresters and they agreed that the guide would contain a short glossary of terms.

The participants divided into two working groups to consider the different activities within the forest sector, linked the activities to the phytosanitary concepts and standards, and began drafting some general guidance text. One group covered the needs of importers and exporters and the other covered forest practitioners and general biosecurity issues.

Participants discussed the guide and its contents and agreed that it:

- should focus on forestry activities and how they do or can support the standards (or concepts within) to ensure a longer relevance.
- should not be restricted by the concepts covered by the ISPMs and should include information on best practices for forest health protection to assist in reducing pest incidences and ultimately reducing quarantine issues.

The strategy for the concepts to be covered by the guide was discussed and a general structure (Annex 3) was suggested. A work plan (Annex 4) for the guide was also drafted.

More information on this project can be found on the Forest Health Web site at:

<http://www.fao.org/forestry/56879/en/>

Meeting participants

**Hesham A. Abuelnaga**

International Trade Specialist
 Africa, China, Central & Eastern Europe, EU, Middle East and Russia
 Foreign Agricultural Service
 Office of Scientific and Technical Affairs (OSTA) (Plant Division)
 1400 Independence Ave, SW (Stop 1011) # 5965 South
 Washington, DC 20250
 USA
 Telephone: (202) 720 0330
 Fax: (202) 690 0677
 E-mail: Hesham.abuelnaga@usda.gov

Hesham A. Abuelnaga is the International Trade Specialist for the USDA/Foreign Agricultural Service/Office of Scientific and Technical Affairs. He covers Africa, China, the European Union, Eastern Europe, Middle East and Russia. From July 2002-November 2007, he worked as an Import/Export Specialist for the Plant Protection and Quarantine (PPQ)/Animal and Plant Health Inspection Service/USDA. He was responsible for applying technically justified phytosanitary measures to encompass the full continuum of activities conducted to prevent the entry, spread and establishment of exotic quarantine pests and diseases. Before that he worked as PPQ Officer and PPQ Supervisor in Los Angeles and Miami. Hesham started his career as a trapper for *Ceratitis capitata* (Medfly), *Anastrepha ludens* (Mexfly), *Dacus dorsalis* (Oriental fruit fly), *Dacus cucurbitae* (Melon Fruit Fly) *Lymantria dispar* (Asian gypsy moth) and *Popillia japonica* (Japanese beetle). Finally he also worked as Visiting Expert for the IPPC (Standards Setting) from September 2004-December 2006.

**Kerry Britton**

National Pathologist for USDA Forest Service
 Research & Development
 1601 N. Kent Street, RPC-4
 Arlington, VA 22209
 USA
 Telephone: 703-605-4170
 Fax: 703-605-5133
 E-mail: kbritton001@comcast.net
 E-mail: kbritton01@fs.fed.us

Dr. Kerry Britton is the USDA Forest Service's National Program Leader for Forest Pathology Research. After receiving her PhD in 1989, she researched forest diseases, and served as Project Leader for Insect and Disease Research until 2003. Kerry led an international online symposium on wood packing material in 2001, and became National Pathologist for Forest Health Protection in 2003. She has participated in the International Forestry Quarantine Research Group, and has served on the North American Plant Protection Organization's Forestry and Plants for Planting Panels since 2005. In 2008 she hosted the International Union of Forest Research Organizations (IUFRO) work group on Invasive Species, in Shepherdstown, West Virginia, USA. Kerry is currently developing an International Sentinel Plant Network, wherein botanical gardens and arboreta monitor their collections and report new pests to improve prevention and early detection of forest pests.



Roddie Burgess

Head of Plant Health Service
Forestry Commission
231, Corstorphine Road
Edinburgh EH12 7AT
UK
Telephone: +44(0)131 314 6401
Fax: +44(0)131 314 6148
Mobile: +44(0)7831 843985
E-mail: roddie.burgess@forestry.gsi.gov.uk

Roddie Burgess joined the Forestry Commission, Great Britain in 1972 specializing in Plant Health in 1987, becoming Head of the Service in 1992. He sits on the EU Standing Committee on Plant Health and has also participated in the work of a number of IPPC and EPPO Working Groups. He was a member of the drafting panel for ISPM 15 and has been a member of the International Forestry Quarantine Research Group since its inception.



Edson Tadeu Iede

Director of Communication and Business
Centro Nacional De Pesquisa De Florestas
Embrapa
Estrada Da Ribeira, Km 111
83411-000-Colombo-Paraná
Brazil
E-mail: iedeet@cnpf.embrapa.br

Edson Tadeu Iede is a biologist and holds degrees, including a doctorate in Entomology, from the Federal University of Paraná (UFPR) of Brazil. He has worked at the National Centre of Forest Research in Colombo, Brazil of EMBRAPA (Brazilian Agricultural Research Corporation) as a forest entomology researcher since 1979 and in June 2008, he became Director of Communication and Business of the Centre. He is the Coordinator of the Woodwasp National Control Program since 1989 and a member of the Technical Panel of Forest Quarantine Group of the IPPC since 2005. He was a Brazilian Delegate, as member and coordinator for some periods, of the Forestry Phytosanitary Working Group of COSAVE from 1992-2005. He has published book chapters and more than a hundred scientific and technical papers.



Keng-Yeang Lum
Chief Scientist
CABI Southeast and East Asia Regional Centre
Glasshouse Complex
MARDI, 43400 Serdang
Selangor, Malaysia
Telephone: +60 (3) 8943 2921
Fax: +60 (3) 8942 6490
E-mail: ky.lum@cabi.org
Web: www.cabi.org

Keng-Yeang Lum is Chief Scientist with the Southeast & East Asia Regional Centre of CAB International (CABI-SEA). He is actively involved with plant health and phytosanitary capacity-building activities in the countries of Southeast Asia, and consults with the Asian Development Bank (ADB) in SPS-related aspects of trade harmonization in SE Asia. He also chairs ASEANET, the Southeast Asian LOOP of BioNET INTERNATIONAL, the global network for taxonomy.



Sarah Ahono H. Olembo
African Union
Box 3243
Addis Ababa
Ethiopia
E-mail: ahono_olemboh@ymail.com

Sarah A.H. Olembo started work in 1978 as a Plant Quarantine Officer at the then East African Plant Quarantine Station in Muguga, Kenya (now part of KEPHIS programs). From 1996-2006, she was the Assistant Director of the Inter-African Phytosanitary Council, the Regional Plant Protection Organization for Africa in Yaoundé, Cameroon where she assisted African countries in implementing ISPMs. During this time, she served on the Interim Standards Committee for Phytosanitary Measures (precursor to the present CPM) from 1998-2004. Currently she is Senior Policy Officer and Acting Head of the Food Security Division, Department for Rural Economy and Agriculture of the African Union Commission. In 2007, she was nominated as the African expert to work with other experts in reviewing the IPPC; their report was made to the 2nd CPM. Sarah is also the focal point for the African Union Commission in a SPS program on agricultural health (known within the EU as *Better training for safer foods*) which is being implemented with support from the EU, the African Union Commission, and the Regional Economic Communities (RECs).



Andrei Orlinski

Scientific Officer of EPPO
European and Mediterranean Plant Protection Organisation
1 rue Le Nôtre
75016 Paris
France
Telephone: (331) 45 20 78 09
Fax: (331) 42 24 89 43
E-mail: Orlinski@eppo.fr

Dr. Andrei Orlinski, scientific assistant of the European and Mediterranean Plant Protection Organization (EPPO), graduated from Moscow Forest University and worked for 16 years at the Soviet (then Russian) Plant Quarantine Institute on the use of biological control agents against quarantine pests and then as head of the Forest Quarantine Laboratory created in 1991. Then for two years he worked at the headquarters of the Russian NPPO and then (since 1995) in the EPPO Secretariat. In EPPO he is responsible for all forestry issues and issues of safe use of biological control agents. Andrei is the coordinator of the EPPO Project on Russian translations of ISPMs (all adopted ISPMs now translated except ISPMs 14, 31 and 32) and other important international and regional phytosanitary texts and is responsible for relations with “Russian-speaking” countries and the use of Russian language. He defended a Ph.D. thesis on biological control and Doctor thesis on PRA.



Shiroma Sathyapala

Manager Plants Team, Risk Analysis Group Team
Policy & Risk Directorate
MAF Biosecurity New Zealand
PO Box 2526, Wellington 6140
New Zealand
DDI: +64 4 894 0480
Fax: 04 819 0731
Cell: 029 894 0480
E-mail: shiroma.sathyapala@maf.govt.nz
Web: www.maf.govt.nz

Dr. Shiroma Sathyapala currently works for the Ministry of Agriculture and Forestry (MAF) Biosecurity New Zealand as a regulator and a policy-maker. Shiroma has been working in the forest biosecurity field since 2003. Prior to that, between 2000 and 2003, she worked as the program manager clonal commercialisation in one of the leading New Zealand radiata pine forestry companies. Altogether Shiroma has about 20 years experience in tropical and subtropical agriculture and forestry. She has a M.Sc. in Agriculture and Forestry from the former USSR and a Ph.D. in Agronomy from Japan.



Adnan Uzunovic

Research scientist - Mycologist
Durability and Protection
Building Systems Department
FP Innovations - Forintek Division
2665 East Mall
Vancouver, BC V6T 1W5
Canada
Telephone: 604 222 5729
Fax: 604 222 5690
E-mail: adnan.uzunovic@FPInnovations.ca
Web: www.fpinnovations.ca ; www.durable-wood.com

Adnan Uzunovic was born in Bosnia and Herzegovina where he lived and worked until 1992. He holds a B.Sc. in forestry and a Ph.D. in forest product pathology from London's Imperial College, UK and has worked in various aspects of forest protection, plantation forestry and forest nursery production. Since 1997, he has worked as research scientist-mycologist at FP Innovations-Forintek Division, a Canadian non-profit wood products research institute. His major expertise is with microorganisms attacking wood materials including bluestain, mould and decay fungi. He has also worked in the area of biocontrol, market access and wood protection and is heading several projects and collaborative efforts to generate scientific data and then communicate them to relevant parties including the industry, government and the public. In the last decade, Adnan has been doing a significant amount of work in the phytosanitary area and has been an active IFQRG member since its establishment. During this time he initiated the collaborative development of several protocols to generate data in a uniform way worldwide (e.g. to test heat tolerance of fungi, growth of pine wood nematodes in large size material, etc.) and is part of collaborations that are developing guidelines and data to support the acceptance of new phytosanitary treatments.



Eric Allen

Meeting Chair
Research Scientist
Natural Resources Canada
Canadian Forest Service
Pacific Forestry Centre
506 West Burnside Road, Victoria, BC V8Z 1M5
Canada
Telephone: (250) 363-0674
Fax: (250) 363-6004
E-mail: ecallen@nrcan.gc.ca

Eric Allen leads the Forest Invasive Alien group with the Canadian Forest Service at the Pacific Forestry Centre in Victoria, Canada. For the past 13 years he has worked extensively on non-indigenous species that impact forest ecosystems; their biologies, their movement with international trade, and the assessment of mitigation measures. Dr. Allen is the chair of the International Forestry Quarantine Research Group, and is a member of the IPPC Technical Panel on Forest Quarantine and the North American Plant Protection Organization forestry panel.

IPPC Secretariat



Brent Larson

Standards Officer, IPPC Secretariat
FAO-AGPP
Viale Delle Terme di Caracalla
00153 Rome
Italy
Telephone: (+39) 06-570-54915
Fax: (+39) 06-570-54812
E-mail: brent.larson@fao.org

Mr. Larson is a Canadian national with 20 years experience in phytosanitary issues, management and policy setting. Mr. Larson is currently the International Standards Officer for the International Plant Protection Convention (IPPC) Secretariat and oversees the Secretariat's responsibilities to international standard setting by supporting the Commission on Phytosanitary Measures (CPM) Standards Committee, the CPM and associated meetings and workshops. He is responsible for the IPPC Secretariat's liaison with other international organizations, specifically with environmental organizations and other organizations involved with the management of invasive alien species.



Shane Sela

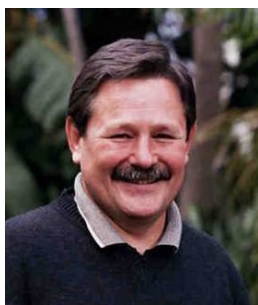
Forestry Consultant, Standard Setting, IPPC Secretariat
FAO-AGPP
Viale Delle Terme di Caracalla
00153 Rome
Italy
E-mail: shane.sela@fao.org

Shane Sela is a Consultant in Standard Setting at the IPPC Secretariat. He is a specialist in forestry phytosanitary issues particularly in export and trade related subjects. He has expertise in policy development, consultation and risk management on a variety of forestry phytosanitary topics including the establishment of a national phytosanitary policy for the implementation of ISPM No. 15 in Canada. Shane has been working at the National Plant Protection Organization for Canada for the past 22 years.

FAO Forestry Department



Jose Antonio Prado
Director, Forest Management Division
Forestry Department, FAO
Viale delle Terme di Caracalla
00153 Rome
Italy
Telephone: (39) 06 5705 5978
E-mail: JoseAntonio.Prado@fao.org



Jim Carle
Chief
Forest Resources Development Service (FOMR)
Forestry Department, FAO
Viale delle Terme di Caracalla
00153 Rome
Italy
Telephone: (39) 06 5705 5296
E-mail: Jim.Carle@fao.org



Gillian Allard
Forestry Officer (Forest protection and health)
Forest Resources Development Service (FOMR)
Forestry Department, FAO
Viale delle Terme di Caracalla
00153 Rome
Italy
Telephone: (39) 06 5705 3373
E-mail: Gillian.Allard@fao.org



Beverly Moore
Consultant
Forest Resources Development Service (FOMR)
Forestry Department, FAO
4A Third Street
Mount Pearl, NL A1N 2A5
Canada
Telephone: (709) 368-5195
E-mail: Beverly.Moore@fao.org



Graciela Andrade
Administrative Support
Forest Resources Development Service (FOMR)
Forestry Department, FAO
Viale delle Terme di Caracalla
00153 Rome
Italy
Telephone: (39) 06 5705 3602
E-mail: Graciela.Andrade@fao.org



FAO Forestry Department and the International Plant Protection Convention (IPPC)

Technical meeting to develop a guide on implementing international standards for phytosanitary measures in the forest sector

**13-15 May 2009
Rome, Italy
Nigeria Room, C-215**

Agenda

Wednesday 13 May 2009

- 9:00-10:15 Introduction and welcome (Jose Antonio Prado)
Lessons learned from developing FAO Forestry multi-stakeholder voluntary guidelines on fire management and planted forests (Jim Carle)
The IPPC view of the process (Brent Larson)
Meeting logistics (Gillian Allard)
Introduction of meeting chair and participants
- 10:15-10:45 Break
- 10:45-11:15 The International Plant Protection Convention (IPPC) (Shane Sela)
- 11:15-12:30 Phytosanitary issues in the forest sector (Gillian Allard)
- 12:30-1:30 Lunch
- 1:30-3:30 Presentations from (or discussions on) the five regions: Africa (Sarah Ahono H. Olembo); Asia and the Pacific (Keng-Yeang Lum (Southeast Asia), Shiroma Sathyapala (Pacific)); Europe (Andrei Orlinski (Russian Federation), Roddie Burgess); Latin America (Edson Tadeu Iede); North America (Adnan Uzunovic, Kerry Britton)
- 3:30-4:00 Break
- 4:00-6:00 Project overview and meeting objectives (Beverly Moore, Shane Sela)
Discussion

Thursday 14 May 2009

- 8:30-9:00 Review of ISPM No. 5 glossary terms and identification of equivalent/necessary common forestry terms to ensure a common language (Hesham A. Abuelnaga)
- 9:00-10:30 Proposed strategy for drafting the guide (Adnan Uzunovic, Roddie Burgess, Shiroma Sathyapala)
- 10:30-11:00 Break
- 11:00-12:30 Working groups to review the concepts of forest health guidance and the ISPMs in relation to forestry activities – Import/export and Forestry/biosecurity*
- 12:30-1:30 Lunch
- 1:30-3:30 Group reports and plenary discussion
- 3:30-4:00 Break
- 4:00-5:15 Working groups to review the concepts of forest health guidance and the ISPMs in relation to forestry activities – Import/export and Forestry/biosecurity*
- 5:15-6:00 Working group reports and plenary discussion

Friday 15 May 2009

- 8:30-10:30 Working groups to review the concepts of forest health guidance and the ISPMs in relation to forestry activities – Import/export and Forestry/biosecurity*
- 10:30-11:00 Break
- 11:00-12:30 Working group reports and plenary discussion
- 12:30-1:30 Lunch
- 1:30-3:30 Discussion on the strategy for drafting the guide and workplan
- 3:30-4:00 Break
- 4:00-5:00 Meeting summation and closure

Informal drinks and dinner

*Rooms available for working group discussions – Nigeria Room (C-215), Forestry Meeting Room (D-440), D-456

Guide to the implementation of good forest health practices in support of international phytosanitary standards
(tentative title)

Draft outline

1. Introduction
2. Trade in forest commodities
 - 2.1. Import of forest commodities
 - 2.2. Export of forest commodities
3. Good forest health practices
 - 3.1. Forest nurseries and plantations
 - 3.2. Naturally regenerated forests
 - 3.3. Forest operations
 - 3.4. Firewood
 - 3.5. Christmas trees
 - 3.6. Domestic transport
 - 3.7. Sanitation practices at dockyards
4. Phytosanitary standards simplified
 - 4.1. Surveillance
 - 4.2. Evaluating pest risk (the process including ISPMs)
 - 4.3. Pest management (eradication, biological control, etc)
 - 4.4. Pest free areas (including production areas and production sites)
 - 4.5. Export systems (phytosanitary certificates, re-export phytosanitary certificates, export certification systems and transit)
 - 4.6. Pest reporting
 - 4.7. Inspection
 - 4.8. Systems approaches
 - 4.9. Wood packaging
 - 4.10. Non-compliance notification
5. Case studies
6. Gaps in the ISPMs in terms of addressing forest health issues
7. Conclusions
8. Annexes

Provisional work plan for the development of the guide on implementing international standards for phytosanitary measures in the forest sector

Date	Activity
22 May 2009	First draft of portions of the guide and the meeting report forwarded to the core group for comment
29 May 2009	Core group comments on the first draft of the guide and the meeting report Further identification of gaps in the guide text by core group Designation of authors from the core group to draft sections of the guide
End July 2009	Final first draft completed
August 2009	Draft sent to core group for their comments and consultation with foresters and other stakeholders
September 2009	Some core group members meet at IFQRG meeting to further refine the guide draft
October 2009	Presentation of the project at the World Forestry Congress in Buenos Aires, Argentina
September 2009 - February 2010	Consider a training plan for field application of the guide
March 2010	Finalization of the guide in broader stakeholder workshop consultation
March - September 2010	Review of stakeholder consultation and refinement of the guide and preparation of draft working paper
June/July/August 2010	Possible core group meeting at IFQRG (if their standard meeting date is rescheduled from September)
October 2010	Presentation of the draft working paper for approval at FAO's Committee on Forestry (COFO)
December 2010	Finalize the training plan
2011	Field testing of the guide

Awareness raising activities, through presentations at international meetings and discussions with the forest sector and other stakeholders, will be continuously carried out throughout the duration of the project.