



**International Union of Forest Research Organizations**

## **Invitation and Agenda**

### **Business Meeting of Division 7, Forest Health**

**Friday, 10 October, 19:00-21:00, Room 255E**

Coordinator: Eckehard (Ecki) Brockerhoff (Scion, New Zealand Forest Research Institute),  
Deputies: Andrzej Bytnerowicz (USFS), Jolanda Roux (FABI), Andrew (Sandy) Liebhold (USFS)

#### **Dear friends and colleagues,**

It is our pleasure to invite you to the business meeting of IUFRO Division 7, Forest Health (on Friday, 10 October, 19:00-21:00, in Room 255E). The agenda for the meeting follows. Please note that there will be time for general discussion on any topics relevant to the activities of D7.

Below you will find my brief report on the activities and achievements of Division 7 during the last four years as well as plans for upcoming activities that we would like to bring to your attention.

#### **Agenda**

1. Activities of Division 7 Working Parties and Research Groups
  - o Review of activities 2010-2014
  - o Upcoming conferences and activities
2. Research Group Coordinators and Deputies for 2014-2019
  - o Air pollution and climate change: Elena Paoletti (Andrzej Bytnerowicz, He Shang)
  - o Pathology: Jolanda Roux (Tod Ramsfield)
  - o Entomology: Sandy Liebhold (Barbara Bentz, Hervé Jactel)
3. Changes of Working Party Coordinators and Deputies (see appendix)
4. Forest Health Award
5. Special issue publication of 'Forestry' with Congress papers on 'Forest Health'
6. General business (contributions welcome)

#### **Looking back at the past four years - Report on activities & achievements from the coordinator**

The Forest Health Division of IUFRO enjoys an excellent level of activity among the three research groups and most working parties. Since the last Congress in 2010, a total of **more than 30 conferences and workshops** of Div. 7 Working Parties and Research Groups were held, including 13 since March 2013. The events addressed all the main topics covered by Div. 7, ranging from climate change and air pollution to pests and pathogens and their impacts on forest health. As you will all appreciate, these forest health topics are of critical importance to the sustainability of the world's forest ecosystems, their biodiversity, and for the people who depend on forests. I will not go into details about any particular activities or areas of research in which Div. 7 was engaged in the last few years; however, there will be more on this in the expanded version of the Div. 7 report that I presented to the Board Meeting held just prior to the IUFRO World Congress (which will be available on the Div. 7 web pages).

The events organized or co-organised by Div. 7 were dispersed geographically and took place in Africa, Asia, Australasia, Europe, Latin America, and North America (although with some focus on Europe). It would be desirable to increase the level of activity in Africa, Asia and Latin America in particular, and to increase



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interactions among the continents. I should say a few words about the IUFRO Congress in Salt Lake City and the sessions that were sponsored by Div. 7 and/or are of particular interest to Forest Health. There will be 4 sub-plenary and 18 technical sessions with forest health content, which is a fantastic response (see below).

For me personally, it has been a privilege to lead Division 7 in the past few years (since I took over from Sandy Liebhold). I have been most impressed by the commitment of the coordinators and participants of Division 7 units and events. This is even more remarkable as all these contributions are voluntary. I am most grateful for the efforts of the nearly 100 coordinators of our 30 Working Parties across the three research groups. In terms of gender balance, numerous women are involved with the running of our working parties and research groups; however, there is room for further improvement of the gender balance. Therefore I would like to encourage women to become involved with Div. 7, and to ask coordinators to explore possibilities for recruiting more women in Div. 7 roles.

The success of our endeavours would not have been possible without the help of Andrzej Bytnerowicz, Jolanda Roux and Sandy Liebhold who coordinated our activities in Research Group RG 7.01 (Impacts of air pollution and climate change), RG 7.02 (Pathology), and RG 7.03 (Entomology), respectively, with their deputies, Elena Paoletti, Shang He, Tod Ramsfield, Barbara Bentz and Hervé Jactel. An additional and special thank-you goes to Tod Ramsfield for his tireless work with the Congress Organising Committee where he represented Division 7. Not to be forgotten here is the expert assistance we have received from our colleagues at IUFRO's Secretariat in Vienna. A big thank-you to all!

Plans for upcoming activities are very promising. For the next 18 months we have already plans for 10 conferences, including an **All-D 7 Conference (April 2016 in Turkey, [www.iufro.org/events/calendar/current/](http://www.iufro.org/events/calendar/current/))**.

We look forward to seeing you at the business meeting and our congress sessions.

Best regards,

A handwritten signature in black ink, appearing to read 'E. Brodeur'. The signature is fluid and cursive, with a long horizontal stroke extending to the right.



Field tour during the conference of Research Group 7.01 (Impacts of air pollution and climate change on forest ecosystems) in Brazil in September 2013.





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**IUFRO Congress.** There will be 4 sub-pleenary and 18 technical sessions with forest health content, which is a fantastic response. The sub-pleenaries are as follows :

- SP-03 Forest health in a changing world; Monday, October 6, 13:30-15:00
- SP-05 Biodiversity and ecosystem services in planted forests; Tues., October 7, 13:30-15:00
- SP-13 Forest biodiversity, ecosystem services and human well-being – harnessing biodiversity for adaptation to global change; Friday, October 10, 13:30-15:00
- SP-18 Stemming invasions of forest insects and pathogens: Research supporting pathway risk management and phytosanitary policy; Saturday, October 11, 13:30-15:00

**Special issue publication plans.** We have arranged to publish a special issue of the international journal *Forestry* (Oxford University Press, Impact Factor 1.86) with contributions from relevant congress papers or related work on the topic of *Forest Health in a changing world*. The special issue will be themed around the topics of the IUFRO Research Groups on Forest Pathology and Forest Entomology, and we are looking for contributions relating to pathology and entomology in the context of biological invasions and global change (and related topics). We will email more information about this soon.



Participants of the Conference of Working Party 7.02.02 (Foliage, shoot and stem diseases) in Brno and Černá Hora, Czech Republic (May 2013).



Participants of the “6th International Symposium on the Biology of Gall Inducing Arthropods” (IUFRO Working Party 7.03.02 Gall-forming insects) in Queensland, Australia (August 2013).



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### Upcoming Div. 7 meetings

**10-14 November 2014, Esquel, Patagonia, Argentina:** 7th Meeting of **Working Party 7.02.09** "Phytophthora in Forests and Natural Ecosystems". Contact: Everett Hansen, ([hansene@science.oregonstate.edu](mailto:hansene@science.oregonstate.edu)), Conference homepage: <http://www.iufrophytophthora2014.org/>

**3-6 December 2014, Lucknow, India:** Fifth International Conference on Plants & Environmental Pollution (ICPEP-5). Co-sponsored by **Working Party 7.01.04**, Conference homepage: <http://isebindia.com/icpep-5/icpep-5.html>  
Contact: Elina Oksanen ([elina.oksanen@uef.fi](mailto:elina.oksanen@uef.fi))

**1-5 June 2015, Nice, France:** Biennial **Research Group 7.01.00** meeting "Global challenges of air pollution and climate change to forests." Contact: Pierre Sicard ([Pierre.Sicard@acri-st.fr](mailto:Pierre.Sicard@acri-st.fr)). Conference website: <http://iufro-nice2015.com/>

**7-12 June 2015, Uppsala, Sweden:** Joint **Working Party 7.02.02** "Foliage, shoot and stem diseases of forest trees" and **WP 7.03.04** "Diseases and insects in forest nurseries" Meeting. Organisers: Jonàs Oliva ([jonas.oliva@slu.se](mailto:jonas.oliva@slu.se)), Jan Stenlid ([jan.stenlid@slu.se](mailto:jan.stenlid@slu.se)), Rimvys Vasaitis ([rimvys.vasaitis@slu.se](mailto:rimvys.vasaitis@slu.se))

**22-26 June, 2015, San Michele All'adige, Italy:** "Fluctuation of Insect and Diseases" **Working Party 7.03.10**, Methodology of forest insect and disease survey in Central Europe. Contacts: Giorgio Maresi ([giorgio.maresi@fmach.it](mailto:giorgio.maresi@fmach.it)), Miloš Knižek ([knizek@vulhm.cz](mailto:knizek@vulhm.cz)), Wojciech Grodzki ([W.Grodzki@ibles.waw.pl](mailto:W.Grodzki@ibles.waw.pl))  
[http://www.iufro.org/download/file/10899/2622/sanmichele15-1st-announcement\\_doc](http://www.iufro.org/download/file/10899/2622/sanmichele15-1st-announcement_doc)

**23-28 August 2015, Orléans, France:** "Fifth International Workshop on the Genetics of Host-Parasite Interactions in Forestry: Novel challenges and opportunities for resistance to pests and pathogens", **Working Parties 2.02.15**, **2.02.20**, **7.03.11** (Resistance to insects), **7.02.09** (Phytophthora), **7.02.05** (Rusts of forest trees). Contact: Arnaud Dowkiw ([Arnaud.dowkiw@orleans.inra.fr](mailto:Arnaud.dowkiw@orleans.inra.fr)), Aurélien Sallé ([aurelien.salle@univ-orleans.fr](mailto:aurelien.salle@univ-orleans.fr)), Véronique Jorge ([veronique.jorge@orleans.inra.fr](mailto:veronique.jorge@orleans.inra.fr))

**1-4 September, 2015, Bariloche, Argentina:** "Bark and Wood Boring Insects: a global perspective on their ecology and management" **Working Party 7.03.05** "Bark and Wood Boring Insects". Contact: Juan C. Corley ([elmallin@gmail.com](mailto:elmallin@gmail.com))

**7-10 September 2015, Perth, Australia:** Disease/environment interactions in Forest decline "integrated ecosystem approach" **Working Party 7.02.06**. Giles Hardy ([g.hardy@murdoch.edu.au](mailto:g.hardy@murdoch.edu.au)), Treena Burgess ([tburgess@murdoch.edu.au](mailto:tburgess@murdoch.edu.au)), Thomas Cech ([Thomas.cech@bfw.gv.at](mailto:Thomas.cech@bfw.gv.at))

**28 September - 2 October, 2015, Sopot, Poland:** **Working Parties 7.03.07** "Population Dynamics of Forest Insects", **7.03.06** "Integrated management of forest defoliating insects", **7.03.13**, "Biological control of forest insects and pathogens" Contact: Lidia Sukovata ([iufro.poland@gmail.com](mailto:iufro.poland@gmail.com))

**25-29 April 2016, Istanbul, Turkey:** **All-Div. 7 Conference** "Global change and forest health - climate change, biological invasions, air pollution, forest pathology, forest entomology, and their interactions." Organisers: Yusuf Serengil ([yserengil@yahoo.com](mailto:yserengil@yahoo.com)), Ecki Brockerhoff ([eckehard.brockerhoff@scionresearch.com](mailto:eckehard.brockerhoff@scionresearch.com)), Andrzej Bytnerowicz ([abytnerowicz@fs.fed.us](mailto:abytnerowicz@fs.fed.us)), Jolanda Roux ([Jolanda.Roux@up.ac.za](mailto:Jolanda.Roux@up.ac.za)), Andrew (Sandy) Liebhold ([aliebhold@gmail.com](mailto:aliebhold@gmail.com))



IUFRO Division 7 Coordinators and Deputies as of September 2014 and changes

Unit	Unit name	Coordinators and Deputies (as of September 2014)	New Coordinators (from Oct. 2014, changes highlighted)
Div. 7.00.00	Forest health	Eckehard Brockerhoff (C) Andrzej Bytnerowicz (D) Jolanda Roux (D) Andrew (Sandy) Liebhold (D)	Eckehard Brockerhoff (C) Elena Paoletti (D) Jolanda Roux (D) Andrew (Sandy) Liebhold (D)
RG 7.01.00	Impacts of air pollution and climate change on forest ecosystems	Andrzej Bytnerowicz (C) Elena Paoletti (D) He Shang (D)	Elena Paoletti (C) Andrzej Bytnerowicz (D) He Shang (D)
WP 7.01.01	Air pollution and climate change – Detection, monitoring and evaluation	Algirdas Augustaitis Ovidiu Badea Tomas Hernandez Tejeda Hiroyuki Sase, Borys Tkacz	Deputies currently being reviewed
WP 7.01.02	Air pollution and climate change – Mechanisms of action and indicator development	Rainer Matyssek Zhaozhong Feng Alessandra Kozovits, Gerhard Wieser	No changes
WP 7.01.03	Air pollution and climate change – Atmospheric deposition, soils and nutrient cycles	Mark Fenn Viktor Bruckman Maliwan Haruthaithanasan	No changes
WP 7.01.04	Air pollution and climate change – Genetic aspects	Om Rajora Teodora Best Roman Longauer, Elina Oksanen	No changes
WP 7.01.05	Air pollution and climate change – Modelling and risk assessment	Salim Belyazid Wim de Vries Lisa Emberson, David Weinstein	Deputies currently being reviewed
WP 7.01.06	Air pollution and climate change – Social and political aspects	He Shang Mandhoolika Agrawal	We request that this WP be discontinued due to a lack of interest from the peers
WP 7.01.07	Air pollution and climate change – Multiple stressors on ecosystems	Nancy Grulke Cristina Branquinho Mikhail Kozlov, Nurgul Karlioglu	Deputies currently being reviewed
WP 7.01.08	Air pollution and climate change – Hydroecology	Yusuf Serengil Stanislaw Malek Ursa Vilhar, Giuliana Zanchi	No changes
RG 7.02.00	Pathology	Jolanda Roux (C) Tod Ramsfield (D)	No changes
WP 7.02.01	Root and butt rots	Matteo Garbelotto Gregory Filip	No changes
WP 7.02.02	Foliage, shoot and stem diseases	Antti Uotila Julio Javier Diez Casero H. Tuğba Doğmuş-Lehtijärvi Glen R. Stanosz	No changes
WP 7.02.03	Vascular wilt diseases	Krystyna Przybył C. Mohanan	No activity during last board term. Considering terminating this WP.
WP 7.02.04	Phytoplasma and virus diseases of forest trees	Carmen Büttner Risto Jalkanen	No changes
WP 7.02.05	Rusts of forest trees	Richard Hamelin Pascal Frey Salvatore Moricca	No changes





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Unit	Unit name	Coordinators and Deputies (as of September 2014)	New Coordinators (from Oct. 2014, changes highlighted)
WP 7.02.06	Disease/environment interactions in forest decline	<b>Thomas Cech</b> Dusan Jurc	Limited activity during last board term. WP is being reviewed.
WP 7.02.07	Diseases and insects of tropical forest trees	<b>Sri Rahayu</b> Didier Begoude Paul Bosu	No changes
WP 7.02.09	Phytophthora diseases on forest trees	<b>Everett M. Hansen</b> Giles Hardy Thomas Jung, Andrea Vannini	No changes
WP 7.02.10	Pine wilt disease	<b>Katsunori Nakamura-Matori</b> Luis Filipe Bonifacio Yeong Jin Chung, Thomas Schröder	No changes
WP 7.02.11	Parasitic flowering plants in forests	<b>David Shaw</b> Simon Francis Shamoun Marcelo Luis Wagner	WP had no meetings last term, but communicated with RG coordinator and plans meeting next year.
<b>RG 7.03.00</b>	<b>Entomology</b>	<b>Andrew Liebhold (C)</b> Barbara J. Bentz (D) Hervé Jactel (D)	No changes
WP 7.03.01	Cone and seed insects	<b>Jean-Noel Candau</b> Thomas Boivin Jianghua Sun	No changes
WP 7.03.02	Gall-forming insects	<b>György Csoka</b> Heikki Roininen	No changes
WP 7.03.04	Diseases and insects in forest nurseries	<b>Rimvydas Vasaitis</b> Michelle Cram Audrius Menkis	<b>Audrius Menkis (new coordinator)</b> <b>Anna Hopkins</b>
WP 7.03.05	Ecology and Management of Bark and Wood Boring Insects	<b>Barbara Bentz</b> Juan Corley Martin Schroeder	No changes
WP 7.03.06	Integrated management of forest defoliating insects	<b>Andrea Battisti</b> Michael McManus	No changes
WP 7.03.07	Population dynamics of forest insects	<b>Richard Fleming</b> Natalia Kirichenko Lidia Sukovata	No changes
WP 7.03.08	Forest protection in Northeast Asia	<b>Zhong-qi Yang</b> Naoto Kamata Jong Kyu Lee	<b>No activity during last board term. Considering terminating this WP.</b>
WP 7.03.10	Methodology of forest insect and disease survey	<b>Miloš Knížek</b> Wojciech Grodzki	No changes
WP 7.03.11	Resistance to insects	<b>Daniel Herms</b> Maarit Kytö Alvin Yanchuk	No changes
WP 7.03.12	Alien invasive species and international trade	<b>René Eschen</b> Hugh F. Evans, Kenji Fukuda Sankaran Kavileveetil	No changes
WP 7.03.13	Biological control of forest insects and pathogens	<b>Marc Kenis</b> Vincent D'Amico	<b>Marc Kenis</b> <b>Joseph Elkinton</b> <b>Brett Hurley</b>
WP 7.03.14	Entomological Research in Mediterranean Forest Ecosystems	<b>Francois Lieutier</b> Ben Jamaa Mohamed Lahbib Timothy D. Paine	No changes