



International Association for the
PLANT PROTECTION SCIENCES

IAPPS

NEWSLETTER

Number VII

July, 2013

IPRI WORKSHOP 2014: MARRAKECH, MOROCCO

International Plant Resistance to Insects Working Group



The International Plant Resistance to Insects working group (IPRI) together with Institut National de la Recherche Agronomique (INRA), Association Marocaine de la Protection des Plantes (AMPP) and International Center for Agricultural Research in the Dry Areas (ICARDA) have the pleasure to announce that the **21st Biennial International Plant Resistance to Insects Workshop** will be held 14-18 April, 2014, in Marrakech, Morocco.

The following topics will be covered in the workshop:

- Screening methodologies for resistance to insect pests and sources of resistance
- Breeding for resistance to insect pests through conventional and molecular strategies
- Mechanisms of resistance
- Deployment strategies of resistance genes

The official language of the workshop will be English

Honorary Committee:

Prof. Mohamed Badraoui, Director General, INRA-Morocco

Dr. Mahmoud Solh, Director General, ICARDA

International Steering Committee:

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Important Deadlines

Second announcement: April 2013

Deadline for abstracts submission: July 31, 2013

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Pine Wilt Disease Conference 2013

The German Society for Plant Protection and Plant Health (DPG), the International Union of Forest Research Organizations (IUFRO) and the Julius Kühn Institute Germany (JKI) announce the **Pine Wilt Disease Conference 2013** to be held 15 – 18 October 2013 in Braunschweig, Germany

Worldwide the pine wood nematode (PWN), *Bursaphelenchus xylophilus*, is one of the severest quarantine pests mainly in coniferous stands. In the concerned countries severe damage was caused by the nematode induced pine wilt disease (PWD).

Mainly the international trade of wood and wooden products led to an introduction of the pine wood nematode from its habitat in Northern America to Asia (Japan, China, Korea, Taiwan) and Europe (Portugal, Spain). Since then efforts were made in the infested areas to eradicate the nematode. Not only in the infested countries but also in many other countries new research approaches and conception plans were pursued in the previous years to manage the pine wilt disease.

Since the last IUFRO Symposium in Nanjing/China in 2009, several expert groups in the whole world - among other things - worked intensively on the following topics:

- Impact on the international trade as well as economic consequences in the infested areas including corresponding modeling of outbreak scenarios and pathways,

- Pathway analysis and modeling/predicting of pine wilt expression across eco-climatic zones taking account of latency ,
- Biology of *Bursaphelenchus xylophilus* and other *Bursaphelenchus* species including their interaction with bacteria and fungi and their impact on host trees,
- Diagnostic methods aimed to a fast and reliable determination of PWN in pure culture and in plant tissue as well as in laboratory and under field conditions,
- Examinations on the tree physiology and resistance characteristics of host trees,
- PWN and vector association, vector dispersal capacity and strategies for vector control,
- Behavior and population dynamics in infested trees,
- Non-vector transmission and treatment options for wood and wood products,
- Management strategies for PWD.

All research approaches contribute to enhance procedures on the eradication and the management of the PWN resp. the PWD and thus to minimize the economical and the ecological impact on concerned forests.

The aim of the symposium is to bundle the actual research progress and the management of the pine wood nematode and its vector beetles and to enhance the scientific exchange and thus to present the research results to a broad interested group of scientists, disease managers and decision makers.

DPG and IAPPS agreed to promote their conferences on their websites and publication organs reciprocally- an important step to a strong science based worldwide network of plant protection societies.

Registration is available on the Conference website since April 1 www.pwdc.phytomedizin.org.

Dr. Falko Feldmann

DPG Managing Director

Braunschweig, Germany

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BIODIVERSITY + IPM: TOGETHER FOR A SUSTAINABLE FUTURE

Organized by Dantje Sembel (Sam Ratulangi University, Indonesia), B. Merle Shepard (Clemson University) and R. Muniappan (IPM CRSP/Virginia Tech), this important conference highlighting the necessity for biodiversity to work together with IPM will take place July 4–7, 2013 in Manado, North Sulawesi, Indonesia. Field trips will be organized July 6 -7 just after the conference. The conference will take place at the Sintesa Peninsula Hotel, Manado, North Sulawesi, Indonesia, and discounted rates will be available at nearby hotels.

Keynotes talks will be given by M. S. Swaminathan (First World Food Prize laureate) and Tony Whitten (Univ. of Cambridge, Flora & Fauna Int'l).

Co-sponsored by IPM-CRSP, IAPPS, USAID, Sustainable Agriculture + Natural Resource Management CRSP, Sam Ratulangi University, Clemson University, Virginia Tech, and The Government of Indonesia, this conference aims to bridge the divide between biodiversity and IPM by bringing together scientists and practitioners working in these two key groups. Balancing

biodiversity preservation with food production has always been a challenge since agriculture was invented. The gradual destruction of forests, watersheds, and other natural habitats in order to produce more food will lead to the eventual demise of our natural resource base. Hence, there is a need and urgency for proponents of IPM and biodiversity to work together, but they have rarely been considered as partners for a sustainable future.

The conference site, North Sulawesi, Indonesia, has long been appreciated for its great biodiversity. Alfred Wallace, the famed 19th century British naturalist, spent considerable time in this region, collecting various kinds of insects and birds throughout the island of Sulawesi, and 2013 represents the 100th anniversary of his death. Many of his ideas on evolution and natural selection, which paralleled those of Charles Darwin, were crystallized from his observations of high speciation in this area.

For more info and to submit abstracts: www.oired.vt.edu/ipmcrsp/biodivipm2013

Please make plans to participate, we will be happy to welcome you all in Sulawesi !

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The IAPPS Newsletter is published by the International Association for the Plant Protection Sciences and distributed in *Crop Protection* to members and other subscribers. *Crop Protection*, published by Elsevier, is the Official Journal of IAPPS.

IAPPS Mission: to provide a global forum for the purpose of identifying, evaluating, integrating, and promoting plant protection concepts, technologies, and policies that are economically, environmentally, and socially acceptable.

It seeks to provide a global umbrella for the plant protection sciences to facilitate and promote the application of the Integrated Pest Management (IPM) approach to the world’s crop and forest ecosystems.

Membership Information: IAPPS has four classes of membership (individual, affiliate, associate, and corporate) which are described in the IAPPS Web Site www.plantprotection.org.

The *IAPPS Newsletter* welcomes news, letters, and other items of interest from individuals and organizations. Address correspondence and information to:

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