



# IAPPS NEWSLETTER

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## IPM CRSP AND IAPPS JOINT SYMPOSIUM AT ESA ANNUAL MEETING



At the 60th Entomological Society of America annual meeting in Knoxville, Tennessee, on November 11, 2012, the IPM CRSP and IAPPS jointly organized a symposium entitled, “IPM for Horticultural Crops in the Tropical World”. It started with an overview of IPM CRSP by R. Muniappan, Director, IPM CRSP followed by four presentations on component development, one on impact assessment and four on case studies in development of IPM packages from different countries.

In component development, Dr. Barry Jacobsen, Professor of Plant Pathology, Montana State University presented “Use of *Trichoderma* spp., *Pseudomonas fluorescens*, and *Bacillus* spp. in seed and soil treatment”; Dr. Sally Miller, Professor of Plant Pathology, Ohio State University presented “Grafting vegetable seedlings for soil-borne disease resistance”; Dr. Naidu Rayapati, Associate Professor of Plant Pathology, Washington State University presented “Roguing for control of Peanut bud necrosis virus disease in tomato”, and Dr. Robert L. Gilbertson, Professor of Plant Pathology, University of California, Davis presented “Host-free period for Tomato yellow leaf curl virus control”. Dr. George Norton, Professor of Agricultural Economics, Virginia Tech presented, “Impact assessment of IPM technology implementation”.

In the case studies, Dr. S. Mohankumar, Professor of Entomology, Tamil Nadu Agricultural University, India presented, “IPM packages for vegetable crops in India”; Mr. Yousuf Mian, Coordinator, IPM CRSP in Bangladesh presented, “IPM packages for vegetable crops in Bangladesh”; Dr. Eric Benson, Professor of Entomology, Clemson University presented, “IPM packages for vegetable crops in Indonesia”, and Dr. Douglas Pfeiffer, Professor of Entomology, Virginia Tech presented, “IPM packages for vegetable crops in West Africa”.

### **Prof. R. Muniappan**

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## 1ST INTERNATIONAL URBAN PLANT CONFERENCE

The German Society for Plant Protection and Plant Health (DPG) and the Austrian Alliance for Life Sciences, Food, Veterinary Expertise and Agriculture (ALVA) launch the 1st International Urban Plant Conference in Vienna 13-15 November 2013

Cities are growing: the World Urbanization Prospects of the United Nations estimate that the urban population will have increased from 2.3 billion to nearly 5 billion by 2050. The increasing urbanization means a rapid transformation of human social and cultural roots on a global scale. Urban culture, characterized by distant, unfamiliar relations, and mostly competitive behavior, will replace rural culture, widely characterized by intimate relationships and communal behavior. The improvement of educational and public services, therefore, is the most important challenge for an urban future to be addressed. Whereas on the one hand this process will be eased by a more concentrated population easier to reach, the change management of growing cities on the other hand will pose new challenges like providing urban jobs, housing, energy and infrastructure to mitigate or avoid urban poverty and a deterioration of the urban environment.

Urban culture already now has a major deficiency - a very limited knowledge about the fundamentals of human existence: food production and socio-ecological dynamics. And urban people will have to learn about the essentials: where milk or bread is coming from, how tomatoes grow, or why they feel well in parks and green oases. Urban plants are directly or indirectly important to bring this knowledge back and to develop a socio-ecological thinking in cities. All groups of urban citizens will be in contact with or be potential users of urban plants, which will have to be maintained and used carefully. On the other side their spread will have to be controlled, and potential negative impacts have to be avoided. Overall, urban plants play the decisive role in implanting future sustainably. They are structural components of urban architecture, the most impressive natural elements in cities, ecologically effective components regulating climate, building ecological bridges to avoid biological isolation, guarantying biodiversity within cities, core elements of home gardens and city farms, culture plants and media of intercultural exchange, a focus for teaching and learning, important for recreation, sports and health, identifying styles of living.

The International Urban Plant Conference will cover the whole spectrum of aspects of urban plant use, maintenance, care, and control. An interdisciplinary forum of all stakeholders will discuss strategies to develop the integration of useful plants to the urban environment and to estimate their ecological, economic, social and cultural implications. The conference is organized jointly every two years by the Deutsche Phytomedizinische Gesellschaft (German Society for Plant Protection and Plant Health, DPG, [www.phytomedizin.org](http://www.phytomedizin.org)), and the Alliance for Life Sciences, Food, Veterinary Expertise and Agriculture (ALVA, [www.alva.at](http://www.alva.at)), the Julius Kühn-Institut (JKI, [www.jki.bund.de](http://www.jki.bund.de)), the Division Phytomedicine of the Faculty of Agriculture and Horticulture of

the Humboldt University Berlin ([www.hu-berlin.de](http://www.hu-berlin.de)), and the Beuth University of Applied Sciences Berlin ([www.beuth-hochschule.de](http://www.beuth-hochschule.de)). It is operated alternately in Vienna, Austria, and Berlin, Germany.

**The topic for 2013: City Farming – the State of the Art.** For almost 100 years now all over the world a number of different responsible organizations have founded City Farms as important institutions of urban life. What unifies them is their focus on teaching and learning. One of the most important demands on the planning of urban environments in the future is the strategic integration of existing institutions and their specific abilities. On this background the conference is targeted to highlight the special characteristics of city farms and similar concepts in order to define interfaces with other stakeholders of urban plant use, namely agricultural and horticultural science, extension services, education, and city planning and management. With a focus on plant production we would like to discuss the following topics with you:

- Localization and size of city farms: whom do they reach?
- Effect of city farms: who will benefit from them?
- Plant selection on city farms: demonstration objects or products for the local market?
- Biodiversity aspects: which cultivated plants are selected – model plants or local varieties, specifically adapted plants?
- Plant Production aspects: substrates, containers, plant protection – questions left open?
- Networking of city farms: models of integrating city farm aims with science, extension and education stakeholders
- Case studies of city farms and similar concepts of inner city plant production

Registration is available on the Conference website starting March 1 [www.iupc.phytomedizin.org](http://www.iupc.phytomedizin.org). DPG and IAPPS agreed to promote their conferences on their websites and publication organs reciprocally- a further step to a strong science based worldwide network of plant protection societies.

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## **FIRST ANNOUNCEMENT AAIS 20<sup>TH</sup> SCIENTIFIC MEETING AND CONFERENCE**

The African Association of Insect Scientists (AAIS) serves persons and institutions interested in the promotion of insect science and its application in the African region. AAIS announces its 20th Scientific Meeting and Conference to take place in Yaoundé, Cameroon, Oct 21-25, 2013.

The theme of this year's conference will be: **'Global change and impacts on insect biodiversity: Integrated pest and vectors diseases management in Africa'**

Sub – themes:

- Impact on Beneficial Insects, Pests and Vectors of Diseases.
- New Challenges in Integrated Management of Insect Pests and Vectors of Diseases.
- Knowledge Sharing and Networking
- Biotechnology, Genetically Modified Organisms and Biosecurity
- Education and Integrated Pest Management of Insects and Vectors and Capacity Reinforcement
- Biodiversity and Insect Taxonomy
- Integrated Storage Pest Management

The scientific program will include an inaugural conference, six plenary sessions and scientific presentations in relation to the respective sub-themes. Members are encouraged to organize round-tables/symposia provided themes are sent as early as possible.

Early registration form is provided at:

<http://ueab.ac.ke/AAIS/wp-content/uploads/2012/11/AAIS-FINAL-English-with-pics-acknow.pdf>

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**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](http://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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