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PLANT PROTECTION SCIENCES

IAPPS

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CABI AND EMBRAPA SOJA CELEBRATE BIOPROTECTION DAY

On September 23, a joint event was held by CABI - Centre for Agricultural Bioscience International and Embrapa Soja, celebrating the BioProtection Day.

Evento
Internacional

**BIO
PROTECTION
DAY**

**23 de
setembro**
às 14 horas

Transmissão pela
plataforma CBSoja GoLive
cbsojagolive.yazo.com.br



The initiative promoted the discussion of diverse issues on research, development and use of biological inputs for managing diseases and pests. The essential role of partnership with industry, public policies and technology transfer were also discussed.

“Besides being safe for the environment and essential for agriculture sustainability, the development of agricultural bioinputs to be used in plant protection and plant nutrition contributes to meeting the demands of world markets for safe, high-quality food with restricted use of agrochemicals”. Organizers also

strengthened the role of international collaborative research and networking.

The event was transmitted through the CBSoja GoLive platform (cbsojagolive.yazo.com.br). The program included diverse presentations and can be accessed at:

<https://www.embrapa.br/documents/1355202/1529289/BIOPROTECTION+DAY-site.pdf/55c272ce-cdb1-7d2b-b35b-27eb69e496d9>

Dr. Nora Altier

IAPPS Coordinator Region XV, South America

E-mail: naltier@inia.org.uy; nora.altier@gmail.com

62ND GERMAN PLANT PROTECTION CONFERENCE PUT ONE FOCUS ON PLANT HEALTH

For the first time in its history the ‘**German Plant Protection Conference**’ was held from September 21st till the 23rd as a pure online-conference. For three days, 1,000 experts discussed current challenges in their fields of research from plant health issues and phytopathology, to resistance breeding and biological pest control, to plant protection in agriculture, horticulture, viticulture, forest, urban horticulture and organic farming. It was organized by the Julius-Kuehn-Institute (JKI), the German Society for Plant Protection and Plant Health and the plant protection service of Lower Saxony.

The 2021 online conference kicked off with a plenary session outlining this year’s motto "Healthy plants and the responsibility for our world". Four short keynote presentations were followed by a lively discussion about the emergence of new quarantine pests as well as how to measure and monitor biodiversity and its role for a sustainable agriculture.

The first appearance of the Japanese beetle north of the Alps recently attracted media attention and put the authorities in Germany on alert. Plant health deals with the ecological and economic risks posed by harmful organisms introduced e.g. via global trade. 2020 has been declared the International Year of Plant Health (IYPH) by the United Nations. Thus, plant health was one focus topic at the 62nd German Plant Protection Conference.

Overall, 520 speakers presented a vast variety of topics related to crop protection in 394 lectures spread across 55 sections. A total of 220 posters were presented in eleven digital poster sessions. Each conference day participants could choose between one of five parallel sections. Four sections each dealt with biodiversity, biological plant protection and plant protection in the field. Three sections each covered plant protection in organic farming, weed control, host-parasite interactions and fungicides. Two sections each were dedicated to prognosis and monitoring, virology, mycology, application techniques, precision farming, integrated pest management, fate and degradation of agrochemicals, resistance breeding and legal issues. One section each dealt specifically with bees and pollinators, one with crop science, one with seed coatings, one with storage protection, as well as one each dealing with plant protection in special cultures, e.g., in fruit crops, viticulture, hops, forests, private gardens.

The German Plant Protection Conference (DPST) has been held biennially since 1910 at changing venues. With an average of 1,200 participants, it is the largest specialist event for phytomedicine and plant protection in German-speaking Europe and its importance extends far beyond the borders of Germany. Participants are scientists, representatives of professional associations, and the public service at the federal and state levels. The conference focuses on topics of sustainable and integrated plant protection and pest management as well as on issues of consumer and environmental protection, legal issues and application technique.

Prof. Dr. Frank Ordon

IAPPS coordinator for Region I: West Europe

E-mail: frank.ordon@julius-kuehn.de

AICCRA-GHANA: LAUNCHING WORKSHOP

Funded by the World Bank and led by the International Institute of Tropical Agriculture IITA, the Ghana Cluster of ‘**Accelerating Impact of CGIAR Climate Research for Africa**’- (AICCRA) was launched on 14-16 September at the Alisa Hotel, Accra, Ghana. The project aims to scale the most strategic and impactful CGIAR Climate Change, Agriculture and Food Security (CCAFS)-Africa programs that promote resilience to climate change and improved food security in six targeted World Bank’s International Development Association (IDA)-eligible countries in Africa including Ghana.



AICCRA-Ghana is anchored onto the multi-stakeholder platform of the Biorisk Management Facility (BIMAF) hosted at IITA in Benin, West Africa, in partnership with the International Water Management Institute (IWMI), Alliance Bioversity-CIAT, World Agroforestry (CIFOR-ICRAF), ICRISAT, Center for Agriculture Biosciences International (CABI), Norwegian Institute of Bioeconomy Research (NIBIO), Crop Research Institute (CSIR/CRI), Ministry of Food and Agriculture (MoFA/PPRSD), Ghana Meteorological Agency, Climate Change and Agriculture Department of the University of Development Studies (CCAD/UDS) and ESOKO Ltd.

AICCRA-Ghana fosters a One-Health approach, which is an integrated, collaborative, multisectoral, and transdisciplinary framework operating at local, national, and regional levels with the goal of achieving optimal health outcomes, recognizing the interconnection between people, animals, plants, and their shared environment.

In his opening remarks, Prof. Michael Abberton, IITA West African Hub Director, emphasized the One-Health nature of the project by insisting that climate change and climatic variability are not just about extreme events such as drought, heat and floods, but also about ways in which pest and diseases could change the pattern of distribution, frequencies, and severity, “unfortunately we are already seeing this pattern emerging in Africa”, he concluded.

Dr. Lorenzo Carrera, the World Bank sector lead for the sustainable development, said in his presentation that agriculture features at the center of the livelihood of millions of people in Africa but many still remain food insecure and malnourished. “The World Bank is committed to

scaling up support for climate-smart agriculture to help African countries in boosting their resilience to climate change”.

In his address as the guest speaker, Prof. Victor Agyeman, DG CSIR Ghana, appreciated the different partners involved in the AICCRA-Ghana cluster project for taking steps to minimize the effect of climate change. “This program will bring about a lot of change because of its transformative nature, so we need to embrace it, and ensure that it is successful”. He concluded that the program should be applauded and supported by all African countries.

“We have put mechanisms in place to enhance synergies and collaboration between the different partners involved in AICCRA-Ghana”, said Ghislain Tapa-Yotto, the project lead. He further explained that since partnership is critical for the project, farmer-organizations will be connected through the nearest mechanism, “We will ensure that whatever technologies we are promoting are really meeting the true needs of farmers, therefore, the farmers will really occupy the central position of this project”, he added.

Dr. Manuele Tamò

IAPPS Vice-President and Newsletter Editor

E-mail: m.tamo@cgiar.org

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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.

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

**Manuele Tamò
Editor, IAPPS Newsletter
IITA-Benin
08 B.P. 0932 Tri Postal, Cotonou, Republic of Benin
E-mail: m.tamo@cgiar.org**