



International Association for the
PLANT PROTECTION SCIENCES

IAPPS

NEWSLETTER

Number X

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IAPPS REGION X (NEARC) EXTENDED REGIONAL REPORT

Current IAPPS Steering Committee members

Dr. Izuru Yamamoto, Senior Advisor

Dr. Noriharu Umetsu, Senior Advisor

Dr. Tsutomu Arie, a representative of the Phytopathological Society of Japan, the chair of Region X

Dr. Tarô Adati, a representative of Japanese Society of Applied Entomology and Zoology

Dr. Hiromitsu Moriyama, a representative of Pesticide Science Society of Japan, the secretary general of Region X

Dr. Rie Miyaura, a representative of The Weed Science Society of Japan

13th Steering Committee of IAPPS Region X (NEARC)

13th Steering Committee of IAPPS Region X (NEARC) was held on May 20, 2023 online.

Agenda

1. Report of the financial results for FY2022 and approval of the budget for FY2023.
2. Assuming that there come inquiries about keynote speakers and symposium themes from the postponed IPCC2024 conference in Greece, nominations of candidates was requested. In addition, we started to consider the travel assistance to IPCC2024.

Amendment of The Plant Protection Law of Japan from April 1, 2023

In recent years, the risk of invasion and spread of harmful animals and plants has increased due to climate change caused by global warming and the increase in cross-border movements of people and goods. On the other hand, reducing the use of chemical pesticides to reduce environmental impact has become an international issue. It is an urgent task to promote the spread of pest control. Moreover, because of the increasing export of agricultural products, the number of export inspection by plant protection officers is dramatically increasing. Accordingly, the Plant Protection Law of Japan was partially revised from April 1, 2023.

Annual activities related to IAPPS especially to IPM of plant diseases, insects and weeds, and plant regulation (from April 2022 to March 2023)

The Phytopathological Society of Japan (PSJ)

16th Biological Control Study Group Meeting, Online; Mar 29, 2022

14th Plant Viral Disease Study Group Meeting, Online; Mar 30, 2022

31th Fungicidal Resistance Study Group Symposium, Online; Mar 30, 2022

56th Plant-Pathogen Interaction Study Group Meeting, Sendai; Sep 5–7, 2022

2022 EBC Study Group Workshop, Online; Sep 12, 2022
2022 Kanto District Meeting, Online; Sep 15–16, 2022
21th Phytopathogenic Fungi Study Group Meeting, Online; Sep 17, 2022
2022 Kansai District Meeting, Kochi; Sep 21–22, 2022
2022 Tohoku District Meeting, Fukushima; Sep 27–28, 2022
2022 Hokkaido District Meeting, Sapporo; Oct 13–14, 2022
2022 Plant Disease Diagnosis Study Group Meeting, Online; Nov 7, 2022
30th Soilborne Disease Study Group Meeting, Online; Nov 11, 2022
2022 Kyushu District Meeting, Kagoshima; Nov 16–17, 2022
29th Bacterial Disease Study Group Meeting, Koganei, Tokyo; Dec 3, 2022
2023 Annual Meeting, Online; Mar 27–29, 2023
32th Fungicidal Resistance Study Group Symposium, Online; Mar 30, 2023
The society started supporting overseas travel of student members from 2023.

Japanese Society of Applied Entomology and Zoology (JSAEZ)

67th Annual Meeting, Setsunan University, Hirakata, Osaka; Mar 13-15, 2023
30th Annual Research Meeting of the Japan-ICIPE Association, Setsunan University,
Hirakata, Osaka; Mar 14, 2023
68th Annual Meeting, Tohoku University, Sendai; Mar 28-31, 2024

Pesticide Science Society of Japan

45th Annual Meeting of Special Committee on Pesticide Residue Analysis, Nagano; Nov 13–
14, 2022
41th Symposium of Special Committee on Agricultural Formulation and Application, Online;
Oct 14, 2022
39th Annual Meeting of Special Committee on Environmental Pesticide Science, Gifu and
Online; Sep 29–30
38rd Study Group Meeting of Special Committee on Bioactivity of Pesticides, Tokyo; Apr
22, 2022
35th Annual Meeting of Special Committee on Pesticide Design, Online; Nov 11, 2022
29th Annual Meeting of Special Committee on Pesticide Regulatory Science, Online; Dec 15,
2022
22th Study Group Meeting of Special Committee on Agrochemical Bioscience, Kyoto and
Online; Nov 22, 2022
48th Annual meeting, Tokyo; Mar 8–10, 2023

The Weed Science Society of Japan (WSSJ)

Study Group Symposium of Alien Plants Monitoring, Online; Mar 30, 2022
2022 Annual Meeting, Chugoku-Shikoku Regional Weed Science Society, Online; Jul 15,
2022
1st Study Meeting, Kanto Weed Science Society, Online; Jul 29, 2022
80th Meeting, Kyushu Weed Control Research Society, Online; Aug 25, 2022
2nd Study Meeting, Kanto Weed Science Society, Online; Oct 11, 2022
17th Study Group Meeting of Herbicide Resistant Weeds, Online; Oct 31, 2022
2022 Annual Meeting, The Weed Science Society of Kinki, Kyoto; Nov. 6, 2022
37th Symposium of Weed Science Society of Japan, Tokyo (Online-hybrid); Nov 9, 2022
2022 Annual Meeting, Kanto Weed Science Society, Online; Dec 14, 2022
2022 Study Group Meeting of Weed Utilization and Management in Small Scale Farming,

Tokyo (Online-hybrid); Jan 12, 2023
25rd Annual Meeting, The Weed Science Society of Tohoku, Japan; Mar 9, 2023
62nd Annual Meeting, Shiga; Mar 25–26, 2023

Hono-Kai (means, meeting who are appreciating agriculture)

37th Hono-Kai Symposium, Online; Sep 28, 2022

Japan Biostimulants Association

5th Symposium, Online; Sep 8–9, 2022

Nodai Research Institute

2022-1 Biological Control Group Seminar, Online; Jun 21, 2022

2022-2 Biological Control Group Seminar, Online; Nov 18, 2022

2022-3 Biological Control Group Seminar, Online; Feb 7, 2023

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TRAINING PROGRAM ON PRODUCTION OF BIOAGENTS FOR THE MANAGEMENT OF FALL ARMYWORM

Indian Council of Agricultural Research-National Bureau of Agricultural Insect Resources (ICAR-NBAIR), Bengaluru organized a five-day international training program on the ‘Production protocol of biocontrol agents for the management of fall armyworm’ for seven participants from Nepal and Bangladesh from 22 – 26 May, 2023. The training was sponsored by the Feed the Future Nepal Integrated Pest Management Program (FTFNIPM) and Feed the Future Bangladesh Integrated Pest Management Activity (IPMA) program funded by USAID



managed by Virginia Tech, Blacksburg, USA. The fall armyworm, *Spodoptera frugiperda*, a native of the Americas that invaded Africa, Asia and Australia is causing serious damage to maize and other crops. In India, the entry of FAW has been effectively managed by employing biocontrol agents, microbial pesticides, entomopathogenic nematodes and pheromones. To pass

down the benefits of the bio-intensive management of FAW, this training was organized. During the five days program, the participants were exposed to morphological and molecular tools for identification of the biocontrol agents; mass production of parasitoids of FAW; isolation, multiplication, and use of microbial biopesticides like *Bacillus thuringiensis*, nucleopolyhedrosis virus, entomopathogenic fungi, entomopathogenic nematodes; use of pheromones to monitor and mass trap the adults; and habitat manipulation for FAW management. The training included lectures, laboratory demonstrations, practical learning, and field visits. Emphasis was laid to provide hands-on training on mass production of bioagents.

The participants in their feedback expressed their enthusiasm and confidence to take up mass production of bioagents on return in their home countries. The possibility of research collaboration between Nepal, Bangladesh, and India in managing alien invasives was deliberated. The training program was organized by course directors: Dr. S. N. Sushil, Dr. K. Subaharan, and course coordinators: Dr. M. Sampath Kumar, Dr. Amala Udayakumar and Dr. Richa Varshney from ICAR-NBAIR

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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:

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