

Co-organized by

Food and Agriculture
Organization of the
United Nations

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Global Forum on Biological Control and Training Workshop on Biological Control

Nairobi, Kenya 26-30 June 2023

Biocontrol Forum, 26-27 June 2023

DAY 1 – Biocontrol forum (Opening day and field visit)

Time	Topic	Facilitator
08.00 – 08.30	Registration of participants	Ms Levine Mbelase/TTU
	Opening session	
08.30 – 08.40	Introduction of participants	Dr Subramanian Sevgan
	Opening remarks	
08:40 - 08:50	Dr Segenet Kelemu , DG & CEO, icipe - Welcome address and opening remarks	Dr Fathiya Khamis
08.50 – 09.00	Ms Carla Mucavi , FAO Rep in Kenya - Welcome remarks and introduction of Director Xia	
09.00 – 09.20	Dr Jingyuan Xia , FAO Director, Plant Production & Protection – Opening remarks	
09.20 – 09.30	Dr Abebe Haile Gabriel , ADG – opening remarks and invitation of PS	
09.30 – 09.50	Mr Kello Harsama , The Principal Secretary Ministry of Agriculture and Livestock Development – Keynote address and official opening	
09.50 – 10.10	TEA BREAK/GROUP PHOTOGRAPH	
	Keynote presentations	
10.10 – 10.30	GA for FAW Control – Dr Buyung Hadi	Dr Subramanian Sevgan
10.30 – 10.50	Biocontrol R&D in Africa – Dr Thomas Dubois, icipe	
10.50 – 11.10	Global update on Biocontrol R&D Prof. David Hughes , Director - USAID IPM innovation lab	
	icipe displays	
11.10 – 11.45	Display of FAW IPM and biological control activities in Kenya (<i>icipe</i> and partners)	Dr Saliou Niassy
11.45 – 12.30	LUNCH	
12.30 – 13.00	Travel from <i>icipe</i> , Nairobi, to SysCOM site, Thika Kenya – RealIPM-Biobest, Thika, Kenya	Dr Edward Karanja/ Ms Levine Mbelase/TTU
13.00 – 14.30	Visit SysCOM site and interaction with farmers, Thika	
14.30 – 14.45	Travel to RealIPM-Biobest, Thika, Kenya	
14.45 – 16.15	Visit to RealIPM Biobest, Thika SysCOM site, Thika	
16.15 – 17.00	Travel back to <i>icipe</i> , Nairobi	
17:00 – 18.00	Wrap – up and tea	

DAY 2 – Biocontrol forum (Scientific session – stakeholder discussions)

Time	Topic	Facilitator
08.00 – 08.15	Welcome remark– Mr Collins Murangu , PPSD, Kenya	
08.15 – 08.30	Recap of Day 1	Dr Saliou Niassy
	FAW Biological Control in the global south	
08.30 – 08.45	Sub-Saharan Africa – Dr Ivan Rwomushana , CABI	Dr Buyung Hadi
08.45 – 09.00	Asia-Pacific – Prof. Zhenying WANG , CAAS, China	
09.00 – 09.15	Latin America – Dr Ivan Cruz , EMBRAPA	
09.15 – 09.30	NENA – Mr. Thaer Yaseen , FAO NENA	
09.30 – 10.00	TEA BREAK	
	Concurrent Scientific Sessions (10.30 – 13.00) (Hybrid mode) (9 papers – 12 min – presentation, 3 minutes discussion)	
	Microbial Biopesticides	
10.00 – 10.20	Microbial biological control against fall armyworm in the Philippines Dr Barbara Caoili , National Crop Protection Center, University of the Philippines Los Banos.	Dr Komivi Akutse
10.20 – 10.40	Combining mycoinsecticides with promising native parasitoids for sustainable management of fall armyworm in Kenya - Ms Junitor Chepkemoi, icipe	
10.40 – 11.00	Biopesticide R&D, production and commercialization pathways – Dr Komivi Akutse, icipe	
11.00-12.00	Panel discussion on opportunities and challenges in scaling up microbial biopesticides: Private sector: Chonging Julixin Biotech, Wuhan Kernel; RealIPM Biobest; Dr Barbara Caoili; Dr Esther Kimani	Dr Komivi Akutse and Dr Thomas Dubois
	Natural enemies: classical and augmentative arthropod biocontrol	
10.00 – 10.15	Biological control efforts for management of Fall armyworm in India – Dr S. N. Sushil , Director, National Bureau of Agricultural Insect Resources, India	Dr Samira Mohamed, <i>icipe</i>
10.15 – 10.30	Conservation and augmentative biological control of Fall Armyworm in Egypt - Dr ElGepaly, Hosam , Director, Plant protection Department, Sohag, Egypt	
10.30 – 10.45	Augumentative and classical biological control efforts for Fall armyworm in Africa - Ms Samira Mohamed, icipe	
10.45-11.00	Wasps as fall armyworm predators – Dr Rhett Harrison , ICRAF (online, TBC)	
11.00-12.00	Panel discussion on opportunities and challenges in scaling up classical and augmentative arthropod biocontrol Heyi Biological Control, Dreamteam, Dr S. N. Sushil and Dr Hosam	Dr Samira Mohamed and Dr Subramanian Sevgan
	Semiochemicals botanicals and farmer’s indigenous methods	
10.00 – 10.20	Monitoring fall Armyworm: evaluation of pheromone lures, trap designs and placement – Dr Amanuel Tamiru, icipe	Dr Amanuel Tamiru
10.20 – 10.40	Agroecological approaches for Fall armyworm management – Dr Saliou Niassy, icipe	
10.40 – 11.00	Development and use of botanicals for fall armyworm management – Dr Djomoha Edwige Sidoine , University of Dschang (TBC)	



DAY 2 – Biocontrol forum (Scientific session – stakeholder discussions)

Time	Topic	Facilitator
11.00-12.00	Panel discussion on opportunities and challenges in scaling up semiochemicals, botanicals and farmer's indigenous methods (Bioglobal Limited, Russel IPM, Kenya biologics, FAO-Kenya)	Dr Amanuel Tamiru and Dr Saliou Niassy
12.00 – 13.15	Lunch	
13.15 – 13.45	Video presentation on some fall armyworm biological control efforts	
	Breakout Sessions	
14.13.45 – 15.45	Organizing and incentivizing national R&D on biocontrol	Dr S.N. Sushil, NBAIR
	Commercialization and regulation of biocontrol options	Ms Roma Gwynn, IBMA
	Extension and policy as enabling environment for biocontrol.	Mr Adin Bloukonon-Goubalan, FAO
15.45 – 16.00	Tea Break	
16.00 – 16.30	Presentation of group discussion outcome	Dr Saliou Niassy
16.30 – 17.00	Plenary discussion on the outcomes and recommendations	Dr Subramanian Sevgan and Dr Buyung Hadi
17.00 – 17.15	Closing remarks	

