



CABI News Bulletin Asia

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Working Together

CABI consults Member Countries and highlights importance of collaboration in delivery of post COVID-19 Medium-Term Strategy



Asia-Pacific Regional Consultation

Held on 13 April, the Asia-Pacific Regional Consultation was the first of three Regional Consultation meetings, which brought together some 45 delegates including those representing 13 Member Countries in the region. Thanks to the support from our Member Countries and other stakeholders, the meeting was highly successful. Seven panel speakers, all from CABI's Member Countries (Australia, Bangladesh, China, Malaysia, Pakistan, Papua New Guinea and Vietnam), and representatives of other stakeholders (eg APAARI and The New Zealand Institute for Plant and Food Research Limited) shared valuable insights on what types of partnerships are required and how they can help deliver CABI's new Medium-Term Strategy.

Membership of CABI enables national governments to play an active role in directing and influencing the global development agenda through CABI's work and its network of partners. More information on Member Country benefits can be found here:

<https://www.cabi.org/about-cabi/membership/>

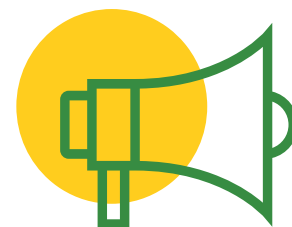
Products and Resources

CABI supports study, practice and professional development through our array of publishing products, research services and support tools.



	Product	More information
Core Database and ebooks	CAB Abstracts ■ www.cabdirect.org	https://www.cabi.org/publishing-products/cab-abstracts/
	Global Health ■ www.cabdirect.org	https://www.cabi.org/publishing-products/global-health/
	Global Health Practitioner Interface ■ www.cabdirect.org/globalhealth	https://www.cabi.org/publishing-products/global-health/
	CAB eBooks ■ www.cabi.org/cabebooks	https://www.cabi.org/publishing-products/ebooks/
Internet Resources	AgBiotechNet ■ www.cabi.org/agbiotechnet/	https://www.cabi.org/publishing-products/agbiotechnet/
	Animal Science ■ www.cabi.org/animalscience/	https://www.cabi.org/publishing-products/animal-science-database/
	Environmental Impact ■ www.cabi.org/EnvironmentalImpact	https://www.cabi.org/publishing-products/environmental-impact/
	Forest Science ■ https://www.cabi.org/forestscience	https://www.cabi.org/publishing-products/forest-science-database/
	Horticultural Science ■ https://www.cabi.org/horticulture	https://www.cabi.org/publishing-products/horticultural-science/
	Leisure Tourism ■ https://www.cabi.org/leisuretourism	https://www.cabi.org/publishing-products/leisure-tourism-database/
	Nutrition and Food Sciences ■ https://www.cabi.org/nutrition	https://www.cabi.org/publishing-products/nutrition-and-food-sciences-database/
Compendia	VetMed Resource ■ www.cabi.org/vetmedresource/	https://www.cabi.org/publishing-products/vetmed-resource/
	Animal Health and Production Compendium ■ www.cabi.org/ahpc	https://www.cabi.org/publishing-products/animal-health-and-production-compendium/
	Aquaculture Compendium ■ www.cabi.org/ac	https://www.cabi.org/publishing-products/aquaculture-compendium/
	Crop Protection Compendium ■ www.cabi.org/cpc	https://www.cabi.org/publishing-products/crop-protection-compendium/
	Forestry Compendium ■ www.cabi.org/fc	https://www.cabi.org/publishing-products/forestry-compendium/
	Horticulture Compendium ■ www.cabi.org/hc	https://www.cabi.org/publishing-products/horticulture-compendium/
Full Text	Invasive Species Compendium ■ www.cabi.org/isc	https://www.cabi.org/publishing-products/invasive-species-compendium/
	CAB Reviews ■ www.cabi.org/cabreviews/	https://www.cabi.org/publishing-products/cab-reviews/
	Distribution Maps of Plant Pests ■ www.cabi.org/dmpp	https://www.cabi.org/publishing-products/distribution-maps-of-plant-pests/
	Distribution Maps of Plant Diseases ■ www.cabi.org/dmpd	https://www.cabi.org/publishing-products/distribution-maps-of-plant-diseases/
	Descriptions of Fungi and Bacteria ■ www.cabi.org/dfb/	https://www.cabi.org/publishing-products/descriptions-of-fungi-and-bacteria/

News and Updates



EAST ASIA

- CABI collaborated with Aerospace Information Research Institute of Chinese Academy of Science (AIRCAS) to implement the project 'Integrating Multi-source Earth Observation Data for Global Crop Pest and Disease Dynamic Monitoring and Early Forecasting'. The project is funded by the Ministry of Science and Technology of the People's Republic of China. The kick-off virtual meeting was held on 4 January 2022. Dr Liu Linyi from AIRCAS, the project co-leader from China, introduced the project background and objectives, and yearly plan. Feng Zhang from CABI East and South-East Asia gave the opening remarks as the project co-leader. The project partners include the Institute of Plant Protection, Nanjing Agricultural University and FAO.
- The 14th Steering Committee Meeting of MARA-CABI Joint Laboratory for Bio-Safety and the 4th annual meeting of MARA-CABI European Lab (virtual) was successfully held on 23 March. The Joint Laboratory has reported 'outstanding progress' in all aspects of its business throughout 2021 despite challenges posed by the prolonged COVID-19 pandemic. There were 11 new proposals or concept notes jointly developed with international and/or Chinese partners, seven of which were approved for funding worth USD \$1.14m. Based on the previous Newton Fund project partnership, remote sensing and early warning of major crop diseases and insect pests, globally, was successfully funded by the Chinese Ministry of Science and Technology (MOST). Looking forward, Joint Labs should continue to develop synergies with some important Chinese initiatives. The prospects for deepening collaboration between China and



CABI through the Joint Lab platform therefore look promising.

The event featured presentations by senior officials from both parties: Mr Peng Tingjun, Deputy Director General, Department of International Cooperation; Professor Sun Tan, Vice President of Chinese Academy of Agricultural Sciences (CAAS), Professor Zhou Xueping, Director General of Graduate School of Chinese Academy of Agricultural Sciences (IPPCAAS) Development; and Dr Ulrich Kuhlmann, CABI's Executive Director, Global Operations.

- Based on a year of successful collaboration on Plantwise between CABI and Chinese partners, "Establishment and Application of intelligent plant protection technology system in urban agriculture" led by Beijing Plant Protection Station (BPPS), has been awarded the third Prize of the Shen Nong China Agricultural Science & Technology Award in November 2021. The award, sponsored by the Ministry of Agricultural and Rural Affairs (MARA), recognized the



The 3rd Prize of the Shen Nong China Agricultural S&T Award

significant achievement of a new agricultural extension service model through innovatively combining government agricultural subsidy with the plant clinic network. The new model improves coordinated operation of the plant health system and promotes the development of agriculture.

- A project entitled ‘Will climate change disrupt biocontrol systems? - potential effects of heat waves on tritrophic systems’ was secured with the funding from New Zealand Ministry of Business, Innovation & Employment’s (MBIE) Catalyst Fund. The project is led by New Zealand Plant and Food Research, in collaboration with CABI China, IPPCAAS, and The University of Queensland. The project will share, develop and enhance research efforts to advance our understanding of how climate change will disrupt biocontrol systems, which provide important services to growers as sustainable pest control methods.
- A national webinar on issues related to SPS compliances, based on a joint study by the FAO and CABI entitled “Opportunities and challenges in Sanitary and Phytosanitary measures – Modernizing SPS to facilitate agricultural trade in Asia”, was held on 22 and 29 April in Laos and Vietnam, respectively. Dr Hongmei Li, as project leader based in Beijing, gave an overall introduction to CABI and an overview of the FAO CABI Regional Scoping Study on SPS. Additional information on the project context and objectives was also presented. Participants from public institutions and the private sectors discussed their concerns regarding SPS trade issues based on their experiences and provided first-hand useful information and suggestions.



Group photo with all participants on 22 April, 2022



Group photo with all participants on Friday 29 April, 2022

- On 24 May, Hongmei Li, as the member of the Master Thesis Defense Committee, attended the master defenses at the College of Bioscience and Resource Environment, Beijing University of Agriculture.



Group photo during the Thesis Defense of Beijing University of Agriculture

Seven master students presented their thesis, and were asked relevant questions by the defense committee. All of the master students passed; one thesis entitled “Biotyping identification and insecticide resistance detection of *Spodoptera frugiperda* (Smith)” was recommended as the excellent master thesis. In the past years, the MARA-CABI Joint Laboratory has co-supervised 10 undergraduate students and 4 master students in the areas of invasive alien species and integrated pest management. Three of the four master students have graduated and received their master’s degrees. Hongmei is the co-supervisor.

SOUTH EAST ASIA

- A Review and Planning Meeting (virtual) was held with Dr Dao The Anh, Vice President, Vietnam Academy of Agricultural Sciences (VAAS), and CABI’s Liaison Officer in Vietnam, on 14 March. Drs Feng Zhang and

Sivapragasam Annamalai presented an Overview of Vietnam-CABI Partnership. Mr Muhammad Faheem presented CABI's past and current projects, and future opportunities in Vietnam. Both organizations agreed to continue updating each other on activities, to improve CABI's visibility through VAAS's website, to implement the Joint Action Plan 2021-2022, and to jointly explore funding opportunities.



- Dr Feng Zhang attended The Third Meeting (virtual) of the ASEAN Task Force on Fall Armyworm on 24 February, and delivered a presentation to update the audience on CABI's contributions to Action on Fall Armyworm in the SEA Region. The participants of the meeting elected CABI as the position of non-Member State representative Vice-Chair to the Task Force for one-year term. CABI joins MARD Vietnam as Chair of the Task Force and the Philippines as current Member State Vice-Chair.
- Dr Sathis Sri Thanarajoo attended the Workshop on "Global Review and Assessment of Public Agricultural Extension and Advisory Service (AEAS) Systems" on 23rd and 24th February 2022. This workshop is led by the FAO as part of the study on Public AEAS and the engagement with partner countries.
- Dr Feng Zhang facilitated the Biocontrol Technical Workshop Series 2022, Session 1: Management of Fall Armyworm with Sprayable Bt (Part 1), 5th May 2022, co-organised by Grow Asia and CABI, a part of collaboration under the ASEAN FAW Action Plan.
- Dr Sathis Sri Thanarajoo attended a virtual meeting with the Department of Fisheries (Malaysia) regarding the FAO's public Agricultural Extension and Advisory Services study on 11 May.

SOUTH ASIA

- An FCDO - funded project entitled "Affordable Sentinel Networks to Fight Invasive Alien Species in India" was successfully concluded. This project was a small pilot to deliver a sentinel network to alert smallholder farmers of the presence of invasive alien species (IAS), with Fall Armyworm (FAW) used as a model organism. The consortium (with CABI leading the field testing) tested sensor nodes and data science to deliver an affordable approach to alert smallholder farmers of IAS threats in India. A hybrid event showcasing the project was also organized in Pudukkottai, Tamil Nadu on 25 March.
- A study entitled "Exploratory study on management practices influencing the health, environment and socio-economic status of small growers" funded by LUSH cosmetics UK has been secured and initiated. The study has two objectives: (a) to gather evidence to gain a deeper understanding of operations, stakeholders, and existing knowledge on different management practices including Integrated Pest Management (IPM) in peppermint crop; (b) data analysis and knowledge creation using CABI knowledge products and other available resources.
- A project on "Capacity Building in bio-inputs concept and production" funded by the Better Cotton Initiative (BCI), India has been secured and initiated. This intervention aims to build capacity for bio inputs (biocontrol agents and biofertilizers) as management strategies for major crop pests that would meet the critical needs of geographically defined populations of stakeholders under the Better Cotton Initiative, India. Under the initiative, CABI has trained Phase 1 (of 2 phases) focusing on strengthening the understanding of the IPM practitioners on biocontrol.
- Better Cotton Initiative Phase 1 Training - Capacity Building in Bio-inputs Concepts and Production was held in Hyderabad, Ahmedabad and Nagpur, India between 5-28 April. As part of this, 125 extension functionaries were trained on biological control

inputs and their optimization in the field. This was the first phase of the project followed by capacity building on the production of Bio-inputs in September.

- CABI Academy courses: Crop pest diagnosis and Crop pest management showcased in Bangladesh (February 2022). The first launch is coordinated by the Department of Pathology, Sher-e-Bangla Agricultural University. A WhatsApp group was to help facilitate the course with more than 200 members (students, extension workers, private extension professionals) who are interested in taking the course.
- The CABI BioProtection portal - (an offline version) was tested with extension workers in a virtual session and showcased in India and Bangladesh. The BioProtection portal is a free tool to enhance the awareness and uptake of biocontrol and biopesticide products by growers and advisors. The launch saw active participation from stakeholders in both countries.
- CABI's Crop App Index (which was recently introduced to the region) presents a way to discover digital tools available to support decision making in crop production and plant health. In order to facilitate better discoverability of tools, CABI has enhanced the information available through the app stores and webpages. This means users can filter by useful categories such as language, crop and country. The portal provides a better way to search for crop production apps and websites".
- CABI and EBSCO Information Services jointly organized a national webinar on 22 March. The theme of the webinar was "The New CAB Abstracts with Full Text Advancing Agriculture Research & Technology". The webinar included an invited Chief Guest Speaker, Dr Rathina Sabapathy, from Tamil Nadu Veterinary and Animal Sciences University and more than 1200 registrations from across the Indian Agricultural Research Institute (ICAR) including faculties, scientists, scholars, ICAR officials and students.
- The CABI team in India participated in "ICAR – Annual Conference of Vice-Chancellors,

2022, 12 and 13 April at National Agricultural Science Complex (NASC) Auditorium, Pusa, New Delhi. The team met vice-chancellors from different universities of ICAR. As a follow up, two vice-chancellors have visited the CABI India office.

- We participated in "The Association of Agricultural Librarians and Documentalists of India", 28 and 29 April, at Assam Agricultural University, Jorhat, Assam. CABI and EBSCO partly sponsored the event and gave a joint presentation to ICAR librarians (almost 100+ librarians attended from all over India) which also saw the official launch of CAB Abstracts with Full Text.
- Key GAEN/Juno stakeholder workshop held in Dhaka, Bangladesh. Follow on meetings were held with DG, Department of Agriculture Extension; NPPO, Plant Quarantine Wing; Director, Plant Protection Wing, DAE; FAO, Bangladesh; Additional Secretary (Ministry of Agriculture) – Planning; Additional Secretary (Ministry of Agriculture) – PPC; Director, The Right Kind (an organization working on Agri Input Retail Network of Bangladesh); Bangladesh Agriculture Research Institute (BARC); Bangladesh Agricultural Research Institute (BARI); Bangladesh Agricultural University (BAU) and CIMMYT.
- A regional webinar was held on 11 May on Sanitary and Phytosanitary (SPS) issues in the Asia region. Approximately, 100 attendees joined and deliberated over the issues and interventions in the region. It was agreed to compile the SPS issues in eight Asian countries including Bangladesh, Bhutan, Nepal, Pakistan, Laos, Vietnam, Kiribati and the Pacific Islands.
- A meeting with the PoCRA (Project on Climate Resilient Agriculture) project in Maharashtra was held on 25 April to discuss synergies and proposing Plantwise and biocontrol production (women led cottage industries) models to them. This would be followed by an in-country visit to the project sites at the MS Swaminathan Research Foundation. Moreover, the CABI team also initiated discussions (in January and April) with the World Bank regarding mutual collaborations

under the on-going PoCRA project.

- CABI has recently secured a project from the FAO for India and Kenya under the Global Action (GA) for Fall Armyworm Control. A meeting was held with the Plant Protection Advisor (GOI) and the Directorate of Plant Protection, Quarantine and Storage (DPPQS) team on the project's impact on Fall Armyworm management. The key objective was site selection, and we have been advised to use Karnataka as the project site and coordinate with Central Integrated Pest Management Centres (CIPMC).
- "CAB Abstracts with Full Text" national webinar was held on 30 May with the theme "If you're not searching CAB Abstracts with Full Text, you're searching the world". Dr. Raj. S. Paroda, ex-DG ICAR, was the Chief Guest Speaker of the event who encouraged the scientists, especially the young scientists, to benefit from CAB Abstracts in order to deepen their knowledge.
- A national webinar was conducted for Entomologists from the South Asian Association for Regional Cooperation (SAARC) region on 14 June. The aim of the webinar was to promote the Crop Protection Compendium, Horizon Scanning Tool and Pest Risk Analysis tools. The President of the Entomology Association of India was the Chief Guest speaker who highlighted the importance and significance of digital tools for scientific communities.
- The CABI team in India participated in an event by CGIAR on "Transforming Agri-Food Systems in South Asia" (TAFSSA) which was held on 15 June. The aim was to propel evidence into impact by engaging with public and private partners across the production-to-consumption continuum, to achieve food security.

CENTRAL AND WEST ASIA

- The Better Cotton Initiative (BCI) project in Pakistan conducted capacity building sessions for medium farmers and smallholders on Better Cotton Standard System (BCSS) and Good Agricultural Practices (GAPs) for the cotton crop.
- As part of the Better Cotton Initiative (BCI)

project in Pakistan; capacity building voice messages were delivered through radio (FM Radio 88 Mirpur Khas). These were mainly delivered in Sindhi for farming communities on biodiversity management, child labour, hazardous and light work, safe use of pesticide and its proper storage, sustainable use of water and non-discrimination.

- Tomato nursery evaluation took place under the Strengthening vegetable value chain project (SVVCP), highlighting that traditional nurseries were more expensive than 'best practice' and increased germination levels by 70%. Farmers have more demand for nurseries raised in trays compared to traditional nurseries. This activity was the most effective and important to decide the variety based on performance for the next season. The confidence of farmers improved, and data-sharing among farmers increased on the field day.
- A total of 24 demonstration plots were established under "Capacity building of small holders potato growers" in the project area to showcase and train the farmers on advanced potato production practices.
- Four apprentice farmers of the SVVCP project participated in "walking the tomato chain" activity to identify market opportunities. This gave participants the opportunity to understand the local tomato marketing system, chain actors and their roles, and value creation. They interviewed consumers, retailers, wholesalers and commission agents. This activity will help them to identify the potential buyers for their 'best practice' tomatoes, and to develop their marketing knowledge and skills.
- As part of the SVVCP project and the monitoring of marketing practices of tomato - ongoing apprentices and new apprentice farmers are adopting the harvesting and postharvest best practices in tomato crop. They are delivering multiple consignments collectively on two fair price shops and local wholesale market in Muzaffargarh. SVVCP farmers have less wastage, graded, uniform colour and size of tomato as compared to traditional practices.

- The CABI Regional Bioscience Centre Pakistan has included Pakistan Agricultural Research Council (PARC) as a partner to provide technical expertise on aflatoxin and its biocontrol management in chilies, and also to provide provincial coordination on maximum residue limits (MRL) and aflatoxin associated project work in Sindh.
- As part of the Maximum Residue Levels (MRL) project, the USAID Mission Director - Office of Economic Growth and the Agriculture (EGA), Pakistan along with the Agriculture Economist, EGA visited the CABI Regional Bioscience Centre, Pakistan. They met with CABI's Senior Regional Director - Asia, the Project Manager and of USAID/USDA CABI project team. CABI shared joint accomplishments made under the CABI-USAID/USDA cooperation to support the Government of Pakistan and discussed a sustainability roadmap for future cooperation to address the issue of food security in the region. A quick tour of the CABI campus and scientific facilities was also facilitated.
- Under the MRL project, the Chief of Party, Winrock International visited the CABI Regional Bioscience Centre in Rawalpindi. A Memorandum of Understanding was signed between both organizations to strengthen the red chilli sector in Pakistan. CABI's Senior Regional Director – Asia discussed potential partnership opportunities between both organizations to strengthen the agricultural value chains in the region. Besides this, the Winrock International delegation made a quick tour of the CABI campus and visited its scientific facilities.
- The Ambassador of The Netherlands in Pakistan, H.E. Mr Wouter Plomp, visited the University of Agriculture, Faisalabad (UAF), who are partnering with CABI under Capacity building of smallholders potato growers project. The contribution of the UAF to uplifting the livelihoods of smallholders was explained by Prof. Iqrar Ahmad Khan (Vice Chancellor, UAF). The project specific overview and role of the UAF in the project was presented by Dr Ijaz Ashraf (Project Focal Person, UAF). Dr Waseem Akram (Director External Linkages, UAF) presented the ongoing collaboration with the international institutions/organizations, and expressed interest to develop this relationship with the Netherlands in research and development. Later the ambassador shared the vision and scope of the Netherlands government with students and master trainers during an interactive session on advancing agricultural technology in Pakistan.
- Four agri-graduate students from the PMAS-Arid Agriculture University Rawalpindi have completed their three month internship under the “Capacity building of potato growers in the Punjab, Pakistan” project. They learnt about content development, report writing, data collection of the demo and seed plots, organizing farmers' training sessions, farmers, field days, seminars and participated in the expos. They have completed their reports under the supervision of the project team and submitted them to their parent institute.
- CABI's Regional Consultation for Asia-Pacific with Member Countries and stakeholders was conducted on 13 April 2022. The aim of the consultation was for CABI to listen and engage directly with its Member Countries and other stakeholders who help us to develop our three-year Medium-Term Strategy and feed strategic recommendations into CABI's Review Conference.
- Under the Asian Development Bank project, the team successfully completed pilot field testing and demonstration activities of wheat at pilot districts of Hafizabad and Sheikhupura in April. The overall response of farmers is overwhelming and they are taking a keen interest in literacy trainings. Farmers are very satisfied with the wheat harvester's performance and are willing to harvest their crops with the same machine in future as they are finding far less losses with this machine. A total of more than 10,000 farmers participated in our pilot testing, demonstration and literacy training events which is far beyond our target number of 2000 farmers.

Above and Beyond in the Line of Duty



Chan Fook Wing
IT Specialist

Fook Wing contributed in proposal development and was actively involved in engaging with team members of the “Information and Communication Technology (ICT) Platform for Climate Risk Management in Agribusiness Value Chains in Kampong Cham province, Cambodia” project. His commitment and perseverance in completing his tasks is appreciable.



Hongmei Li
Senior Scientist

Hongmei significantly contributed to stakeholder mapping for locust and grasshopper management in China for a Science and Technology Facilities Council (STFC) funded project. We also appreciated her excellent performance, organizational skills and hardworking attitude to successfully hold the 14th Steering Committee meeting of the MARA-CABI Joint Lab for Bio-safety in which she prepared comprehensive annual reports, supplementary documents and an executive summary in English and Chinese. Moreover, she produced two publications in the first quarter. Hongmei also established important relationships with key stakeholders involved in modernizing Sanitary and phytosanitary (SPS) measures to facilitate agricultural trade in Vietnam and Laos.



Xin Chen
Administrative Assistant

We appreciated Xin’s excellent performance on leading the translation of biological control training materials under Plantwise Plus. The training courses have been recognized by both Chinese partners and CABI, and the newly translated biological control course will add value and contribute to extension advisory services in China. Since Xin joined CABI, she has supported the MARA-CABI Joint Laboratory and publicized the achievements of the cooperation between CABI and the Chinese Government.



Hanifah Yahya
Lab Coordinator

Mr Hanifah has contributed significantly in the implementations of activities in the Entomology Laboratory. He actively supported in experiment preparations and related works.

CABI is keen to acknowledge its staff who perform their tasks with a passion. We are confident that their insights and skills will greatly benefit our organization and partners. We look forward to them developing their skills and making an impact in their respective areas.



Dr Vinod Pandit

Programme Leader, Development Communication and Extension

Vinod took on several roles during 2021 and managed all of them successfully. As Regional Team Leader for Plantwise, he ensured that activities were conducted accordingly in Nepal, India and Sri Lanka. He also successfully piloted Plantwise Plus activities in India and submitted results to the Plantwise Planning Board who were very happy with the achievements. He was given the challenge of leading the Value Chains and Trade theme for the centre and he carried out related works meticulously as part of the global working group. He was also successful in developing a proposal and securing the Asia-wide SPS project from FAO to negotiate.



Yasar Saleem Khan

Provincial Team Manager (Sindh)

Yasar has recently completed his 10 years of service with CABI. He coordinated agricultural programs such as plant and pest services, rural agricultural development and agricultural research operations in support of research, extension and technical training. Moreover, he has diverse experience of field training and demonstration as an agricultural extension agent, subject matter specialist and report writer.

“Ten years is quite a journey in any organization, it actually reveals how confident and comfortable you are in the organization. Thank you very much CABI for providing me with new opportunities which boost my skills and professionalism. I am also thankful to my colleagues for a great collaborative experience, great communication and teamwork. It is a real pleasure working with them all. I truly hope that I shall continue to work with the same passion and excellence in the future.”



Muhammad Imran

Project Development Officer

Imran has actively been engaged in business development and has successfully contributed to projects and programme development for various donor agencies, not only for CABI Central and West Asia but also for CABI South East Asia. His contribution in bids development for the Asian Development Bank, Better Cotton Initiative, Laudes Foundation and other key donors is remarkable. He also facilitated contract negotiations with key donors.

Meetings/Events



EAST ASIA

- Meetings with Chinese partners to implement the collaborative activities according to the Joint Lab work plan 2022 approved by the Joint Lab Steering Committee.
- Annual Meeting of Anhui-CABI Joint Laboratory for agricultural pest control to be held at the Institute of Plant Protection and Agro-Products Safety, Anhui Academy of Agricultural Sciences, Hefei, China.



SOUTH EAST ASIA

- Meeting with CAAS and MARA to implement CABI membership benefits package and develop the China-CABI Joint Action Plan 2021-22.
- Assisting Grow Asia / ASEAN FAW Action Plan Secretariat in organizing the Biocontrol Workshop Series, focusing on education around specific biocontrol technologies,

tools and approaches in the field.

- Dr Feng Zhang will be attending the 1st International Symposium on Coconut IPM (virtual), organized by International Coconut Community (ICC) in association with the Philippines Coconut Authority (PCA), 23 – 26 August. CABI Malaysia is implementing a project “Cocopest” funded by ICC. This symposium will highlight the contribution of CABI to key coconut stakeholders in the region.
- Dr Feng Zhang will be attending the 3rd Joint Meeting of the International Society of Chemical Ecology (ISCE) and the Asia-Pacific Association of Chemical Ecologists (APACE), 8–12 August, Kuala Lumpur, Malaysia.
- Dr Muhammad Faheem and Dr Sathis Sri will be attending the virtual meeting with Wild Asia- SAN Ferrero on 7 July to discuss the preliminary results of the farmers’ survey and key informant interviews of stakeholders. This meeting is part of the progress update to SAN Ferrero on the surveys and KIs conducted in Johor and Perak states in May.

SOUTH ASIA

- CABI’s team in India has planned a meeting with Commissioner, Karnataka State Department of Agriculture for future collaboration. The objective of the meeting is to start joint ventures/interventions in the region to address the challenges of agriculture in the region and to improve livelihoods of farming communities.
- Stakeholder interactions under the GAEN/ Juno programme. Under this CABI sponsored scoping initiative, meetings are planned with FCDO, BMGF, IFPRI, ACIAR and Nutrition International.

CENTRAL AND WEST ASIA

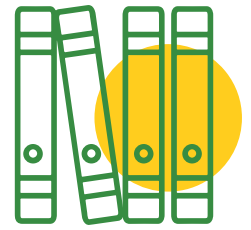


- Organic Agriculture Policy and Standards (OAPS) Project will function within the biocontrol labs in Barkhan and Lasbella districts of Balochistan. Distribution of non-GM seed and bio-inputs to target farmers will also take place under the project until July.
- A baseline survey on gender access to rural advisory services will be conducted in Pakistan under PlantwisePlus to chart the reasons/factors in women's access to agricultural information.
- Under PlantwisePlus objective two "increase the supply of higher quality and safer food", a consumer survey is planned from July to October 2022 to evaluate the food safety

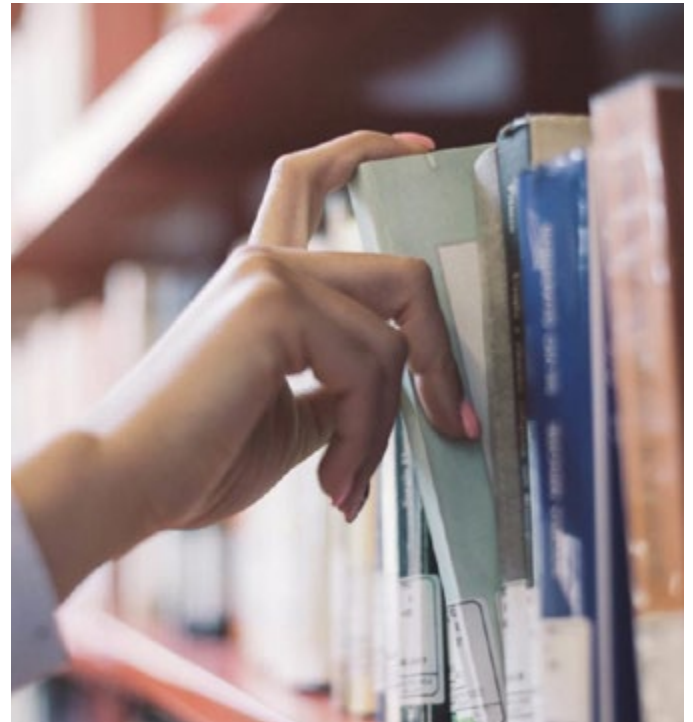
knowledge, attitudes, and concerns among farmers, traders and consumers in Pakistan, and investigate the relationship between socio-demographic factors and consumers' concerns. This will help to create effective food safety and nutrition communications to help educators, policymakers, health professionals, and others to eliminate risks and provide an overview of consumer concerns about food safety.

- Under the MRL project, "field group residue decline training" will be conducted for the project's team. Moreover, the team will collect pre-samples from aflatoxin study sites prior to AflaPak™ application in July-August.
- Under Natural Enemies Field Reservoir (NEFR) project, a memorandum of understanding signing ceremony between SIAPPEP, CABI & Sugarcane NEFR Farmers for Implementation of NEFR technology for controlling sugarcane pests will be held in July 2022.

Explore Our Recent Publications



- **Wan, M.,** Tai, H., Gu, R., Wang, G., **Liu, Z., Mi, Q., Zhang, J., Li, H., Wang, Z.,** Nie, F., Zhang, F. (2022). Economic loss assessment of maize production caused by the fall armyworm *Spodoptera frugiperda* in Dehong prefecture of Yunnan province. [In Chinese with English abstract]. *Plant Protection* 48(1), 220-226.
- **Franić, I.,** Prospero, S., Adamson, K. ... Li, H. et al. (2022). Worldwide diversity of endophytic fungi and insects associated with dormant tree twigs. *Sci Data* 9: 62.
- Wang, J., **Li, H.,** Zhu, J., Tian, W., Wang, M., Zhang, G., **Zhang, F.** (2022). Risk analysis of desert locust *Schistocerca gregaria* (Forskål) with CABI PRA Tool. [In Chinese with English abstract]. *China Plant Protection* 42(1): 30-35.
- Chen, H., Xie, M., Lin, L., Zhong, Y., **Zhang, F.,** Su, W. (2022) Transcriptome analysis of detoxification-related genes in *Spodoptera frugiperda* (Lepidoptera: Noctuidae). *Journal of Insect Science* 22(1), 11; 1–8.
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