



PASTIC

NEWSLETTER

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Online Workshops/ SEMINARS

Online China-Pakistan Science Workshop (II) titled "Use of New Technology in Locust Control"

Locusts and grasshoppers are major economic pests in China and are controlled through the preventive management system using environmental friendly technologies. Moreover their invasion is monitored using remote sensing technology to minimize the potential crop damage. Therefore, PASTIC/PSF has joined hands with Beijing Technology and Business University (BTBU), China to collaborate a series of online China Pakistan Science Workshops. The first workshop of this series titled "Use of Artificial Intelligence against COVID-19" was successfully held on 23 July, 2020 on Zoom Meeting platform.

Whereas the second workshop of the series titled "Use of New Technology in Locust Control" has successfully been held on August 20, 2020 at 10:00-14:00 hrs (Pakistan Time) over zoom platform. The main objective of this workshop was to create awareness among Pakistani professionals in the field of insect disease management on emerging technologies to combat this locust plague.

More than 100 Pakistani Science & Technology professionals across the country participated in this online training. The Opening Ceremony was presided over by Di Yuna, Dean of the Department of International Business Management of the School of International Economics and Management. Prof. Dr. Muhammad Akram Shaikh, Director General PASTIC in his opening remarks emphasized that this bilateral cooperation between Pakistan-China, would enhance the capacity of our scientific and technological workforce to combat war against locust plague in Pakistan. Prof. Dr. HUANG Wenjiang (Aerospace Information Research Institute, Chinese Academy of Sciences) and Prof. Dr. TU Xiongbing (Institute of Plant Protection, Chinese Academy of Agricultural Sciences) were the resource persons of the training workshop.

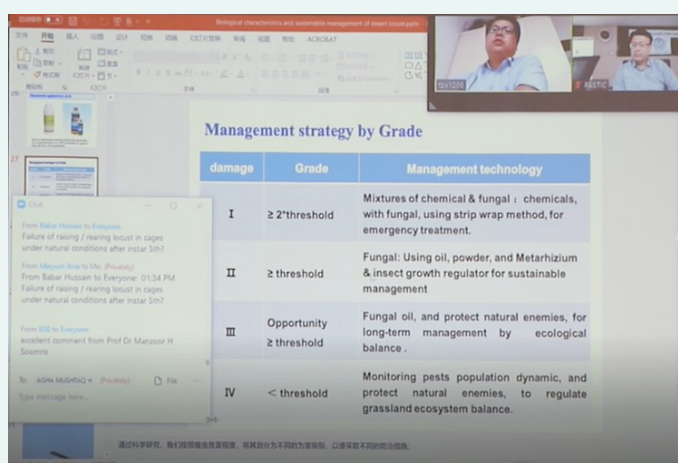


Prof. Dr Muhammad Akram Shaikh, DG PASTIC, delivering his speech in the opening ceremony.

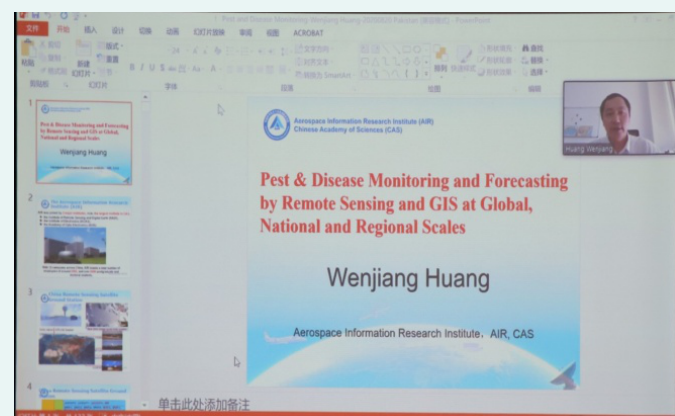
The third training of this series will be held on August 27, on "Science and Technology Information Management and Science and Technology Report Publication".

Major collaborators of this event were China Association for Science & Technology (CAST), Beijing Technology and Business University (BTBU), China Centre for International Science and Technology Exchange (CISTE), Beijing Association for Science & Technology (BAST), Pakistan Ministry of Science & Technology (MoST), Pakistan Science Foundation (PSF), Pakistan Scientific & Technological Information Center (PASTIC), Embassy of the People's Republic of China in the Islamic Republic of Pakistan and Embassy of the Islamic Republic of Pakistan Beijing.

Prof. Dr. HUANG Wenjiang in his presentation on Pest and disease monitoring and forecasting by remote sensing, and GIS at global, national and regional scales described the latest strategies used in China for locust monitoring using GIS and Remote sensing. Whereas, Dr. TU Xiongbing in his presentation on Biological characteristics and sustainable management of desert locust elaborated on life cycle of the desert locust along with its potential migratory routes. He also mentioned the environmental friendly strategies and techniques against desert locust especially plant based insecticides (sophocarpidine and azadirachtin) and the naturally occurring fungus (*Metarhizium* and *Microsporidian*).



Prof. Dr. TU Xiongbing (Institute of Plant Protection, Chinese Academy of Agricultural Sciences) delivering his presentation on Biological characteristics and sustainable management of desert locust.



Prof. Dr. HUANG Wenjiang (Aerospace Information Research Institute, Chinese Academy of Sciences) delivering his presentation on Pest and disease monitoring and forecasting by Remote Sensing and GIS at global, national and regional scales.

ONLINE CHINA-PAKISTAN SCIENCE WORKSHOP (III) titled "S&T DATA MANAGEMENT AND S&T REPORTS PUBLISHING"

Data management is prerequisite for effective and efficient utilization of S&T data for S&T policy making of a country. Moreover, Technical reports are important S&T resource, and can be utilized to avoid duplication of research, thereby improving efficiency and effectiveness of S&T research investment. In this context PASTIC/PSF in collaboration with Beijing Technology and Business University (BTBU), China, organized a workshop titled "S&T Data Management and S&T Reports Publishing" on August 27, 2020 at 10:00-14:00 hrs (Pakistan Time) over zoom platform. The main objective of this workshop was to build capacity of

PASTIC and other similar officials working in the area of information and data management.

More than 40 scientific and technical personnel from PASTIC (Pakistan Scientific and Technological Information Centre), PMNH (Pakistan Museum of Natural History), PSF (Pakistan Science Foundation) and PCST (Pakistan Council for Science and Technology) dealing with the management of S&T data and reporting, participated in this online training workshop.

The workshop was supported by Pakistan Ministry of Science & Technology (MoST), Embassy of the People's Republic of China, Islamabad, Embassy of the Islamic Republic of Pakistan Beijing, and was co-organized by China Centre for International Science and Technology Exchange (CISTE) and Beijing Association for Science & Technology (BAST).

The Opening Ceremony was presided over by Di Yuna, Dean of the Department of International Business Management, of the School of International Economics and Management. PASTIC in collaboration with BTBU, China organized 3rd online workshop of the series on August 27 titled "Science and Technology Information Management and Science and Technology Report Publication".

Mr. Zheng Wenhong, Vice President, BTBU, Prof. Dr. Muhammad Akram Shaikh, Director General, PASTIC, Dr. Mirza Habib Ali Director, Research Support/PSF, Mr. Tien Wen, Vice President, BAST and Mr. Jia Wei, First Secretary, Embassy of the People's Republic of China in the Islamic Republic of Pakistan. Almost 40 participants including officers from PASTIC National Centre and all the 5 Sub-Centres along with some participants from PCST, PSF and Museum attended the workshop.

Prof. Dr. Muhammad Akram Shaikh, Director General PASTIC, in his remarks said that this workshop, would be good platform to develop technical competencies of PASTIC Officers in S&T Data Management and Report Publishing through their Chinese counterpart from ISTIC China.

The competent resource persons of the workshop were including Dr. Zheng Yanning, Director of S&T Report and Competitive Intelligence Research Center and Mr. Yang Daiqing, Deputy Director of Information Resource Center, from Institute of Scientific and Technical Information of China (ISTIC) to conduct training on S&T Data Management and S&T Reports

Publishing respectively.

ISTIC China and PASTIC Pakistan are high-level S&T information and S&T intelligence management institutions in China and Pakistan which play an important role in the development of S&T in the two countries. It is envisaged that through this training session, the two parties will strengthen their cooperation in the fields of S&T information sharing and management.

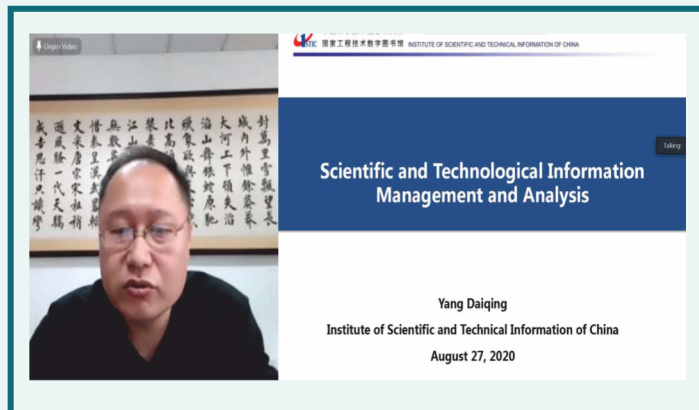
Mr. Yang Daiqing (ISTIC) said that NSTL (National Science and Technological Library) is the largest S&T literature for information collection and service organization with a huge collection of journals, proceedings, technology reports, technology series, works collection and reference books. He discussed S&T Data Collection Management and S&T Data analysis methods for talent assessment, research gap analysis etc.

Dr. Zheng Yanning in his lecture described the 4 aspects of National technical report system of China including policies, regulations, standards, organization and management and resource sharing.

In the concluding session Dr. Mirza Habib Ali Director, Research Support/PSF highly appreciated the the PASTIC and BTBU collaboration and the series of online workshop jointly organized by the two organizations. Dr. Habib also proposed that PASTIC BTBU and ISTIC china should strengthened their collaboration for joint future activities through some MoU signed among the organized processed through the diplomatic channels and the relevant Ministries of both the countries.



A view of Pakistan-China Third Science Workshop on "S&T Data Management and S&T Reports Publishing".

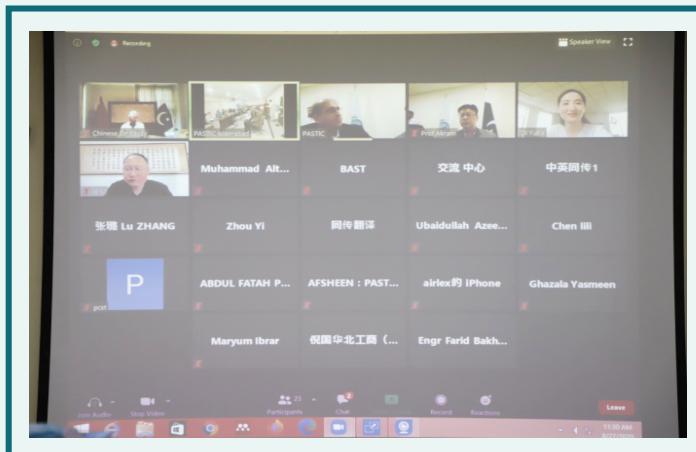


Prof. Dr. Muhammad Akram Shaikh (Director General PASTIC), along with PASTIC team, attending the online workshop, during the third Pak China Science Workshop.



Yang Daiqing (Institute of Scientific and Technical Information of China (ISTIC)) delivering his lecture on Scientific and Technological Information Management and Analysis during the third Pak China Science Workshop

Zheng Yanning (Institute of Scientific and Technical Information of China/ISTIC) delivering his lecture on an introduction to technical report system of China during the third Pak China Science Workshop.



Dr Mirza Habib Ali, Director Research Support PSF and Prof. Dr Muhammad Akram Shaikh, DG PASTIC, participating during the third Pak China Science Workshop.



Deputy Director (STI), PASTIC Sub-centre Lahore attending Pak-China Workshop on "Use of New Technology in Locust Control" on August 20, 2020.



View of Pak-China Workshop on "Use of New Technology in Locust Control" on August 20, 2020.

MEETINGS/TRAININGS ATTENDED by PASTIC OFFICER

On directives of Chairman PSF, Ms. Ghazala Ali Khan, Deputy Director (STI) PASTIC Sub-Centre Peshawar, attended sub-meeting of 52nd BOG meeting, regarding the settlement of Leave of Mr. Ghazanfar Ali Khatta, Assistant Prof. at NCE in Geology, University of Peshawar on August 18, 2020.

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