



PASTIC

Volume 6, Issue 05

NEWSLETTER

May 2023

Sub-surface Geophysical Imaging of Solid Waste Dump Site: Implications for Soil and Ground Water

PASTIC in collaboration with National Centre of Excellence in Geology and Department of Agriculture Engineering, UET Peshawar arranged one-day seminar on "Subsurface Geophysical Imaging of Solid Waste Dump Site: Implications for Soil and Ground Water" on May 26, 2023 at UET Peshawar.

The objective of the seminar was to enhance the knowledge of young researchers about rise of residual materials that might not be immediately useful and have to be recycled, salvaged or re-used immediately otherwise will pollute the environment.

Dr. Muhammad Younis Khan NCE In Geology, University of Peshawar and Dr. Khurram Sheraz Department of Agriculture Engineering, UET Peshawar were the resource persons of the seminar. Main highlights are as follows:

- Awareness of wide spread environmental issues caused by residual material particularly in Peshawar and surroundings.
- Facts about existence of leachate that travels from the source to the natural environment, areas close to landfills or dump sites that are more likely to have contaminated soil and ground water.
- Knowledge of health issues raised because of the odor and fumes released by solid waste that can cause chronic illnesses like cancer as well as infections of the eyes, nose, throat, along with ailments related to skin, blood and respiratory systems.

Dr. Liaqat Ali, Director NCE In Geology-UOP and Guest of the Honor, Ghazala Ali Khan Additional Director PASTIC/PSF along with senior faculty of Department of Agriculture Engineering UET Peshawar including Prof. Dr. Zia ul Haq, Prof. Dr. Shahazad, Dr. Ajmal Khan and Dr. Abdur Raziq Afridi Department of Geography Islamia College Peshawar graced the occasion. Dr. Liaqat Ali, Prof. Dr. Zia-ul-Haq and Ghazala Ali Khan also shared their views with participants.



Group photo of guests, faculty members and participants of seminar on "Subsurface Geophysical Imaging of Solid Waste Dump Site: Implications for Soil and Ground Water" at UET, Peshawar.



Glimpse of the seminar hall during the presentation



View of participants of the seminar

"INTERNATIONAL CONFERENCE ON Life Sciences, ICLS-23"

Two Days "International conference on Life Sciences, ICLS-23" was organized by Gomal University DIK and Evolution Pakistan at Gomal University, on May 29-30, 2023.



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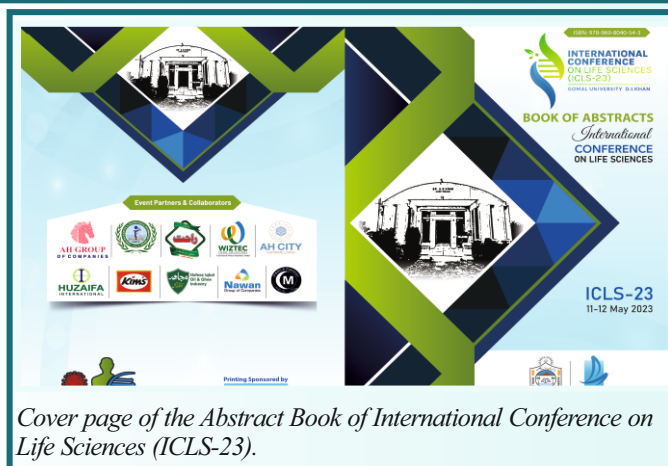
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Prof. Dr. Faqir Anjum Former Vice Chancellor University of the Gambia graced the occasion as chief guest along with Prof. Dr. Javed Awan, Ghazala Ali Khan AD(STI) (PASTIC/PSF), Dr. Muhammad Shoaib Registrar Gomal University, Prof. Dr. Sakhawat Ali Ex-DG, PCSIR Lahore, Muhammad Saleem Jilani Dean Gomal University, Mr. Tariq Sarwar Awan Owner and CEO at SpiceX Food Industries & Nosh Food Industries, Dr. Faizan Wazir Bannu University of S&T, Dr. Aneela Yasmeen CEMB Lahore, Khurram Iqbal CEO Evolution Pakistan, Dr. Sadaf Javaria Gomal University, Dr. Shahid Bashir and Dr. Zia Shahid Univesity of Lahore, all senior management of Gomal University Including Deans and HODs

Almost 600 participants including young researchers from all provinces of the country who travelled from far-flung areas of Pakistan to share their views in the areas of food and nutrition.

PASTIC collaborated in the said event by publishing Abstract Books for this conference.



Cover page of the Abstract Book of International Conference on Life Sciences (ICLS-23).

ONE DAY SEMINAR ON “ZOOONOTIC INFECTIONS: EMERGING PUBLIC HEALTH THREATS AND MONKEY POX VIRUS OUTBREAK”

PASTIC Sub Centre Karachi, with the collaboration of Department of Microbiology, Federal Urdu University of Arts, Science and Technology (FUUAST) Karachi, organized a one day Seminar on “Zoonotic Infections: Emerging Public Health Threats & Monkey Pox Virus outbreak” at Federal Urdu University of Arts, Science and Technology (FUUAST) Karachi on May 18, 2023. The Seminar was participated by more than 100 researchers including HOD's, faculty members & students etc.



Group photo of the participants.

The Session was started with the recitation of The HolyQuran, followed by a welcome address by Dr. Sadia Khalil, Assistant Professor, Department of Microbiology, Federal Urdu University of Arts, Science and Technology (FUUAST). She Introduced PASTIC and the Resource Persons profiles.



Group photo of the dignitaries on occasion of “International Conference on life Sciences, ICLS-23” at Gomal University DIK.



View of the participants of the conference.



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Speakers addressed their views during the seminar.

Ms. Afsheen Tariq, Assistant Director (STI), PASTIC Karachi gave a briefing on PASTIC services and the role of PASTIC in capacity building, newly develop databases, portals and Pakistan Science Foundation role towards research.

Resource persons Dr. Nazeer Hussain Kalhoro, Director General, Sindh Institute of Animal Health Karachi, Livestock & Fisheries Department, and Government of Sindh gave presentation on Zoonotic infection towards public health. Dr. Saeed Khan, Associate Professor of Molecular Pathology, Dow University of Health Science gave detail presentation on Monkey Pox virus. A Productive question/answers session was followed at the end.



Glimpses of the resource persons presentations.

Prof. Dr. Zarina Ali, Acting Registrar, FUUAST gave concluding remarks and appreciated PASTIC's efforts towards research and the resource persons presentation. Dr. Zeba Perveen Imran, Chairperson, Department of Microbiology, FUUAST valued this seminar and encouraged Dr. Sadia Khalil to arrange such type of sessions in future to facilitate faculty members researchers and scholars. Prof. Dr.

Zarina Ali, Acting Registrar distributed Shields and certificates among the resource persons and organizers.



Prof. Dr. Zarina Ali, Acting Registrar, FUUAST presenting shields to the resource persons and organizers.

INTERNATIONAL DNA Day symposium ON "ONE HUMANITY, MANY GENOMES"

PSCK with the collaboration of Department of Biomedical Engineering, Sir Syed University of Engineering & Technology (SSUET) Karachi, organized one day symposium on "One Humanity, Many Genomes" in order to celebrate "International DNA Day" at SSUET on May 31, 2023. The Seminar was participated by more than 200 researchers including HOD's, faculty members & students etc.



Group photo along with VCSSUET.

The Session was started with the recitation of The Holy Quran, followed by a welcome address by Prof. Dr. Sidra Abid Syed, Chairperson Bio-medical Engineering Department, SSUET. In the inaugural session Commodore (R) Engr. Syed Sarfraz Ali, Registrar SSUET, said that over the past few decades, we have witnessed remarkable progress in understanding our DNA, the fundamental



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building block of life.



Speakers addressed their views during the symposium.

Ms. Afsheen Tariq, Assistant Director (STI), PASTIC Karachi focused on PASTIC activities and its role in dissemination of scientific studies and information technology.

Prof. Dr. Shamim Akhter, University of Karachi a Guest of Honor emphasized the role of insulin as one of the best products of genetic engineering.

Resource Person Dr. Syeda Sadaf Akber, Dean Faculty of Allied Health Sciences, Malir University of Science & Technology, explained the role of DNA as the base of life and the changes associated with DNA have increased the risk of having a child with developmental disability or developing diseases such as cancer or heart disease.



Glimpses of resource persons presentations.

Another Resource Person Dr. Bilal Azmi, Assistant Professor of Dow University of Medical Sciences, Karachi explained Genetic variations as a kind of alteration and the DNA content to be used for forensic evidence.

said that Biomedical Engineering is a multidisciplinary field that offers opportunities for higher studies and research including employment. He appreciated the PASTIC Karachi team for supporting the event and also encouraged the speakers. Prof. Dr. Muhammad Aamir, Dean Faculty of Electrical & Computer Engineering presented a vote of thanks. Professor Emirates M. A. Haleem Siddiqui and Alumni Tahir Jalil also spoke on the occasion. The event was concluded by awarding the souvenirs to the guest speakers, organizers and also distributed the winners of Poster/ Product completion certificates to the students.

AWARENESS SEMINAR ON “ROLE OF STATISTICS IN DECISION MAKING”

Awareness Seminar on “Role of Statistics in Decision Making” was held on May 30, 2023 at Govt College University Faisalabad. Around 110 participants including Directors, HODs, PhD Researchers, and Students from various faculties participated. Session was started with the recitation from The Holy Quran followed by welcome address by Prof. Dr. Abdul Rauf Bhatti, Director ORIC. Remarks and introduction to PASTIC services was delivered by Muhammad Hasnain, Additional Director (STI), PASTIC Faisalabad. The key note speaker/resource person was Muhammad Arif, University of Agriculture Faisalabad.

In the closing session chief guest, Prof. Dr. M Hidayat Rasool, Registrar/Acting VC GCUF, distributed souvenir and certificate to resource person and participants. He also thanked and appreciated PASTIC activities. Participants/Scientists also appreciated and thanked to PASTIC efforts to hold a successful Seminar/workshop.



View of participants of the seminar.



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2nd INTERNATIONAL CONFERENCE (Hybrid mode) on "RECENT APPROACHES IN PLANT SCIENCES (RAPS-2023)"

The 2nd International Conference (Hybrid mode) on "Recent Approaches in Plant Sciences (RAPS-2023)" was organized by the Education University Lahore. The main theme of the conference covered a wide range of Botany (Biodiversity, Ecology, Physiology, Plant Microbe Interaction, Mycology etc.); Zoology (Physiology, Pharmaceuticals, Biochemistry, Medical Sciences, etc.); Agricultural Biology (Agronomy, Plant Breeding, Soil Sciences, Food Sciences, Climate change, Plant Pathology, Smart Agriculture) and Biotechnology, Bioinformatics and Microbiology (Medical Microbiology, Food Microbiology, Environmental Microbiology, Bioinformatics, etc.). Inauguration was done by Professor Dr. Kauser Abdullah Malik (Hilal-I-Imtiaz, Sitara-I-Imtiaz, Tamgha-I-Imtiaz), Forman Christian College (a Chartered University) Lahore, University of Education. The conference was started by the recitation of The Holly Quran & Naat Shareef. During welcome address, Prof. Dr. Abrar Hussian (Chairperson, Department of Botany) warmly welcomed all guests. Prof. Dr. Talat Naseer Pasha (Hilal-I-Imtiaz, Sitara-I-Imtiaz), Vice Chancellor, University of Education, Lahore addressed all audience.



A group photo of guests, faculty members and participants of 2nd International Conference on Recent Approaches in Plant Sciences (RAPS-2023).

The Department of Botany Head, Secretary (RAPS-2023) and Honorable Vice Chancellor, acknowledged the Prof. Dr. M. Akram Shaikh, Director General, PASTIC, cooperation to publish/Print Botany Journal at PASTIC National Centre, Islamabad and Mr. Ali Raza Khan, Additional Director, PASTIC Centre Lahore, attended the inaugural sessions of conference (RAPS-2023) on 4th & 5th May, 2023.

EVENT/ WEBINAR /MEETING ATTENDED

a. PASTIC Sub Center Karachi arranged PASTIC Service Awareness stall in Department of Pharmacy, Federal Urdu University of Arts, Science and Technology Karachi on May 18, 2023. PSCK Official Mr. Kashif Farooqui, DCA, gave briefing about PASTIC Services and distributed pamphlets to the scholars. More than 100 faculty members & researchers visited PASTIC services stall.



PSCK official gave briefing about PASTIC services to students.

b. PASTIC Sub Center Karachi arranged PASTIC services awareness stall in Sir Syed University of Engineering & Technology (SSUET) on May 31, 2023. Mr. Kashif Farooqui, DCA, gave briefing about PASTIC Services and distributed pamphlets to the scholars. More than 150 Faculty Members & Researchers/students visited PASTIC Services Stall.



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PSCK official giving briefing about PASTIC Services to students.

c. On behalf of Pakistan Science Foundation, PSCK Officers Ms. Afsheen Tariq AD(STI) & Mr. Shahid Jamil AD (Admin) attended World Water Day Seminar on “Protection of Groundwater Resources” at Pakistan Council of Research in Water Resources (PCRWR) on May 16, 2023. The event was jointly organized by PCRWR, SEGMITE in collaboration with Pakistan Science Foundation. The Session was started with the recitation of The Holy Quran, followed by a welcome address by Prof. Dr. Viqar Husain, Convener SEGMITE, & Environmental consultant. Speakers Dr. Ghulam Murtaza, Regional Director, PCRWR, Karachi, Dr. Ali Asghar Mahasar, Deputy Director, Sindh Irrigation Department, GoS, Syed Faraz Ali, Research Scholar, Department of Geology, UoK and Dr. Tahir Rafique Senior Scientific Officer, PCSIR, Karachi gave their presentations.

d. PSCK Officers & Official Ms. Afsheen Tariq, Assistant Director STI & Mr. Shahid Jamil Assistant Director Admin & Syed Shabib Zaidi Carvan Assistant visited “2nd Sindh Technology Showcase” at Expo Center Karachi on May 19, 2023. The event was organized by Sindh Higher Education Commission Karachi. AD (STI) visited different universities stalls/students projects, met with faculty members/organizer team of different universities of Sindh, briefed PASTIC Services, its research database. The main objective of the showcase was to encourage researchers to share innovative ideas so that the industry can manufacture the products locally and support the economy rather than spending billions of dollars on export. The Honorable Minister for Universities &

Boards, Environment, Climate Change and Coastal Development, Sindh Mr. Muhammad Ismail Rahoo, Chairperson Sindh HEC Dr. Tariq Rafi, Secretary Sindh HEC Moinud din Siddiqui along with worthy Vice Chancellors, Deans from public and private universities, CEOs/industrial representatives, Director ORICs and Manager Business Incubation Centers embraced the occasion with their kind presence during opening and closing ceremonies.

e. PSCK Officers Ms. Afsheen Tariq Assistant Director STI & Mr. Shahid Jamil Assistant Director (Admin) visited “4th International Textile and Leather Exhibition (TEXPO)” at Expo Center Karachi on May 26, 2023. The event was organized by The Trade Development Authority of Pakistan (TDAP). The chief guest Mian Muhammad Shehbaz Sharif, Prime Minister of Pakistan inaugurated the Exhibition, and acknowledged their valuable contribution to the industry. Around 200-plus exhibitors, Pakistan's leading industries and 350-plus industry specialists from different countries like South Africa, China Australia, Egypt, France, Germany, Iran etc participated in the TEXPO.



PSCK officers with the National & International delegations during Exhibition.



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