



Keep Earth & Environment Pure for Future

e-tALK!

NEWSLETTER

Shah Latif
University
Botanical Garden
& Herbarium



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Terminalia catappa L.

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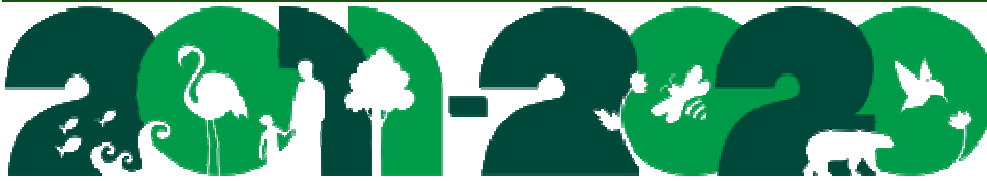
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International Day for
Biological Diversity | 2011



United Nations Decade on Biodiversity



CBD



INTERNATIONAL YEAR
OF FORESTS • 2011

Environmental Education (EE)

IUCN

"... the process of recognizing values and clarifying concepts in order to develop skills and attitudes necessary to understand and appreciate the interrelatedness among men, his culture and his biophysical surroundings. EE also entails practice in decision-making and self-formulation of a code of behaviour about issues concerning environmental quality. International Union for the Conservation of Nature (IUCN; 1971)

UNESCO 1976

The goal of environmental education is to develop a world population that is:
Aware of and Concern about environment and its associated problems, and which has knowledge, skills, attitudes, motivations and commitment to work individually and collectively toward solution of current problems and the prevention of new ones.

Workshop on first Certificate Training Course
on "Environmental Education" Held on 22-27 May 2011



L-R 1st Row (Tariq Zubair Awaisi, Mumtaz Saand, Rashid Husain, Muhamamd Zyauddin, Mir Sajjad, Masood Arshad, Mir Nadir Talpur, Sahab Khan Bhand, Shujaat Ahmed, S. Muzamil Hussain)

L-R 2nd Row (Raheela Malghani, Shadab Soomro, Hira Mazhar, Fakhira Soomro, Erum, Maria Memon, Dr. Manan, Rahib Ali Juno, Ranjeet Kumar, Muhammad Amin, Verda Abro)

L-R 3rd Row (Shakeel Ahmed, Khalil Raza, Raja Hameed, Niaz Ahmed Khaskheli, Dr. Raza Bhatti, Dr. Allah Jewayo, Ghulam Raza Soomro, Ziadullah Laghari)



Centre for Biodiversity and Conservation (CBC), Comments are welcome

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CBC celebrated International Day Biological Diversity 22 May 2011



CBC celebrated International Day Biological Diversity 22 May 2011 to increase understanding and awareness of biodiversity issues. This day was planned with number of activities as follows:

- * One Day seminar to launch decade of biodiversity & celebration of IYF 2011
- * Launching of Certificate Training Course on Environmental Education

One Day Seminar on IYF 2011

A full day seminar was organized on 22nd May to celebrate International Day of Biodiversity 2011 and International Year of Forests. This seminar was sponsored by the office of the Chief Conservator, Sindh Forests. It was presided over by Mir Nadir Ali Talpur CF-Sindh

Forests and Hafiz Mallahar was the Chief Guest. It is worth to be mentioned here that Hafiz Malahr is going to celebrate 110th birth celebration on 2nd August 2011. A large number of foresters, university students, faculty and citizens attended the seminar.

Dr Raza Bhatti, Director CBC the organiser of seminar and training brief the audiences about the IDB, IYF 2011 and Decade of Biodiversity celebrations and Certificate Training Course on Environmental Education.

Furthermore, Dr. Bhatti highlighted the devastation caused by the Super flood in Pakistan in 2010. One of the major causes was tempering with the natural topography of the flood active course and catchment area of the River Indus. The human intervention has significantly modified

the catchment area in the flood plains by changing of forest habitat to agriculture and establishing infrastructure facilities which includes Road network, electricity, schools etc.

Mr. Ahmed Khan, Director Regional Programmes, Pakistan Wetlands Programme, presented a talk on Biodiversity of Pakistan and Forestry. He presented a gloomy picture of forests in Pakistan which has direct links with other associated species. He associated forest wealth with wellbeing of human beings. "Population growth and poverty can be regarded as one of the potential root causes for forest degradation in Pakistan" he mentioned. He made his presentation more fascinating while showing the wetlands of Pakistan and Coral reef that has made beautiful landscape of country.

Mr. Bonki Moon, Secretary General UN Message on Decade of Biodiversity was displayed

"That Conservation of planet species and habitat is a central point to sustainable development. Global decline in biodiversity is accelerating. Main cause is human activities and consequences are devastating....."

Coming decade can be turning point and in how humanity value and manages Biodiversity together we can build foundation for sustainable future".

Mr Khan gave detailed activities being launched by Pakistan Wetlands Programme in different eco-regions of country.

Ms. Noreen Raza from Sindh Forests gave presentation on "Biodiversity Conservation in Pakistan Prolegomena, Acts and Actions" She addressed important issues related to forest which are responsible for forest degradation. Ms Noreen also

highlighted different Ordinances and Acts about environment, Wildlife and Forest. Furthermore she described various Conventions and Protocols in which Pakistan is one of the signatories.

Continued ...



Launching Certificate Training Course on Environmental Education

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The senior citizen of Khairpur Hafiz Mallahar was the Chief Guest of the day. He was born on 2nd, August 1902. His speech touched to everyone's soul the way he lives with Mother Nature in harmony without upsetting balance by his routine jobs. He cited number of instances where one can maximize the plant wealth for healthy pursuits.

Mir Nadir Ali Talpur, Chief Conservator of Sindh Forests expressed in his presidential speech that more than sixty thousand Acres of Riverine area along the Indus River brought under broadcast of *Acacia nilotica* (Babul) after flood in 2010. "There is a comprehensive plan to bring more area under seed broadcasting in catchment area this year. This will bring big chunk of flooded area under forest cover in years to come" said Mir Nadir Ali Talpur.

Launching Certificate Training Course on Environmental Education

A certificate training course on "Environmental Education" (EE) jointly organized by Pakistan Wetlands Programme and Centre for Biodiversity & Conservation, Shah Abdul Latif University, Khairpur scheduled 22-28 May 2011 was launched on International Day of Biological Diversity. There were 26 participants for training with different educational backgrounds includes; doctor, engineer, media person, lawyer, community department of district government, Khairpur, University faculty, students and researchers.

"This training focuses on capacity building and familiarization with current issues of environment across the globe in general and local area in particular. The course was tailored keeping into consideration the diversified background of participants who have not only gained knowledge from resource persons about environmental issues and their mitigation but also their debates and discussions on environmental issues were of potential significance" said Dr Raza Bhatti.

Presentations were given on the following topics:

- * Super flood 2010: threats to biodiversity;
- * Biodiversity of Pakistan in Forests perspective; Ahmed Khan, Regional Director, Pakistan Wetlands Programme.

- * Biodiversity Conservation in Pakistan Prolegomena, Acts and Actions (Miss Noreen Raza, Sindh Forests);
- * Identify environmental problems around us; their possible solutions;
- * Biodiversity: Who Cares?

* Whom to be blamed? -Who is responsible for degrading of biodiversity?

* Environmental education Theory & Practices

* Food security

* Biodiversity of Stink Bug in Pakistan: Dr Manan Shaikh, Department of Zoology

* Effects of CO₂ on Human Health; Dr Allah Jewayo (participant)

* Threatening factors to environment; Ms Erum, Department of Biochemistry

- * Indoor Hospital Environment Nosocomial Infections, Mr. Gull Hassan Bhutto, Department of Microbiology

Video documentaries related environment were displayed during training.

The Course was concluded on Saturday 27th. May 2011 in Kojhi Hall. Mir Nadir Ali Talpur Chief Conservator of Sindh Forests presided over the certificate awarding ceremony. Dr Masood Arshad, National Programme Manager, Pakistan Wetlands Programme (PWP) was the Chief Guest whereas, Mir Sajjad Hussain, Principal Petroleum Technical Training Institute, Khairpur was guest of honour.

Message of Vice Chancellor



Pakistan Wetlands Programme (PWP) and CBC-SALU, both the organizations became complimentary to each other to conduct this training course. I appreciate and welcome such sort of cooperation to conduct more training at my university.

Dr. G Akbar-Wetlands



Awareness and capacity building are prerequisite for conservation. The role of academia and conservation organizations becomes imperative to sensitize the society. In this regard, a weeklong training on EE is collaboration with CBC to participants having different educational background is first of its kinds in Pakistan. I believe that such types of trainings will be effective tool in involving diverse segment of society for better environment.

Comments from Delegates of Environmental Education Workshop



Dr. Allah Jewayo, Lecturer, GMMC-Sukkur

Aristotle once said, "For the things we have to learn before we can do them, we learn by doing them." Prior to attending the EE programme I was using things without thinking about them that how these are made and where from these are made, what are the ingredients of them. By now I have learn to think about consumable item's source and way of production, impacts on nature during production and after use.

Suggestions

- We are the problem for the nature so first we correct ourselves before we talk for others.
- We should be the managers of nature not the owners of nature.
- We should not teach the nature but we can earn from nature.
- We should balance the nature before it would imbalance us.
- In this regard fossil fuel is witness of balancing of nature. How the nature take steps for conserving itself.
- We should reduce our number in terms of population otherwise nature will reduce it.
- Don't break but encourage the natural cycles of the nature. Keep the natural sources on natural scale.

Verda Fida Abro

I have taken the words into account said by Dr Raza Bhatti while discussing in the workshop. He said "Why don't we change ourselves first", rather to change others for the betterment of Environmental, so I decided to implement myself which I have learnt in workshop.

I would try my level best to for conservation of electricity, food, plants & water. We have to save the aquatic life as well. WAPDA has been conserving electricity for few years by "Load shedding". It's not load shedding but I would regard it as energy conservation.

Besides load shedding, there are some facts that consumes enough to which we people sometimes get ignorant.

- The office computers or PC's on Hand by on hibernation consume 60-70 % energy, so one can reduce such consumption by keeping the computer on Sleep mode.
- Laptop & mobile phone chargers chew energy up to 95 % when they are plugged in, through not attached to device, I would try to get in the habit to avoid so.
- Another "Green Fact", we can install duplex printers to save the paper consumption and energy consumption by almost 25%.

Ms. Shadab Soomro

Thanks to organizers for their constant supervision, enthusiastic encouragement, inspiration, motivation and spiritual counseling, without which it was not possible for us to accomplish the modes of this training successfully.

I also deem it my privilege to thank to all such authorities, who has sponsored and collaborated in organizing this training in SALU University and to provide an opportunity to develop the self awareness regarding the Environment Education & Biodiversity, Especially mentioning to the Vice Chancellor, SALU, Wetland Project, Government of Sindh, Government of Pakistan and Center for Biodiversity & Conservation.

Speaking about the learning during this training and the changes before and after I would let you connect with the story of 4 guys Every Body, Some Body, Any Body and No Body. As everybody thinks that some body would do this work and make it correct. Some body thinks, if any body has not done that, why do I then, in this way no body

could do it and it remains favorable ever forever.

Before, this training I was in the rank of every body, but after this training because of continuous sensitization, mutual sharing and discussion feel a change, that I am not every body now. I have become "that body" who can change the every body, some body, any body and no body.

For future implementation, I would say that I had started implementation

since the very 1st day of this training. When I get back to my home, I just shared each and every thing to my mother on 1st day after that I found that daily she keep on waiting for me that when I will get back & share some thing new with her, & I felt she one day she was putting off the lights & taps for reducing the water and electricity loss and I think it's a big achievement for me.

In the last I would again say I feel pleasure to express my gratitude to all the participants, authorities and our guide Dr. Raza Bhatti. Thank you.



Ms. Fakhira Soomro

During this training I realized that Environment has direct impact on my life and this is the human hand who exploits it. Second thing which I learn in this training not to wait for everybody or somebody to save your resources but, I myself start from my home even by little action to proper use food items, energy, electrical appliances, water. I will grow one tree in my home.



Raja A. Hameed

I'm also pleased to join this workshop on Environment Education. I'm really feeling great to see such a good number of intellectuals, academicians, researchers, explorer & environmentalists are gathered in this workshop. For this entire activity I must congratulate Dr. Raza Bhatti & his team. Thanks & God Bless you all.



Mumtaz Saand

This is a way to learn more and more about the environmental issues which affecting on the health of human being and upsetting sustainability of resources.



Finally, I request all the delegates that they may disseminate awareness to different school by organizing lectures, walks and debates so that society may learn from kids.

Comments from Delegates of Environmental Education Workshop



Khalil Raza Bhatti

A recently graduated Mechanical Engineering. I am grateful to Center for Biodiversity and

Conservation & Pakistan Wetlands Program for organizing this training course. After attending this course an environmental sense has been developed in me to think and act ENVIRONMENTAL FRIENDLY and use the natural resources SUSTAINABLY to save our planet. Particular this course reinforced my conviction to work for Renewable and Alternate Energy Sources to protect the planet earth.

Ranjeet Kumar

It is my first experience to learn a lot about the importance of Environment.

These kinds of training programmes make me understand to protect the natural environment.

Surely, I will try my best for the proper use of natural things and ignore the unnecessary activities which create pollution. I am also trying to convey this message of the training to other people of society.



Maria Memon

This programme makes me to save our biodiversity, natural resources such as water and electricity. I will properly use resources and consumable items in my daily. Hence, our future generations may not encountered those problems which we are facing nowadays.



Hira Mazhar

I believe all of us have great opportunity to gain knowledge about environment.

Number of things which we don't know before training, in future I will take care of my surroundings and will act as environmentally friendly.



Rtn: Shujat Ahmed Siddiqui, Khairpur

Launching EE training is a good initiative taken by CBC. I am quite clear about biodiversity, conservation, environmental protection, impacts of hazardous gases on human health and their control. I am glad that we have joined the international family to celebrate international events such as Decade of Biodiversity and IYF 2011. I am sure that such type of programmes shall be continuing in future the biodiversity center.

Ms. Erum

It is great opportunity to learn more about Biodiversity

& Environment. I understand that how we save our natural resources. I suggest when we take bathing we should use buckets instead of shower and reduce use of tissue paper.



Mr. Sahab Khan Bhand

Indeed, an efforts by CBC & Wetlands worth to be appreciated. Being a information officer I would like to suggest to incorporate a chapter regarding the Role of Media in Environmental Education and Biodiversity & Conservation in

Launching Biodiversity Decade 2011-2020



Environment: Victims of greed and illiteracy of Banana Growers

By Muhammad Zayauddin, Entomologist-CBC

Banana Bunchy top virus which was an exotic disease of banana and of quarantine importance for Pakistan till 1988 has now been established in the country like an endemic disease. Its ravages could be observed in any banana growing areas especially in the district Khairpur of upper Sindh Region. No doubt almost 99% of the banana growers now know about the bunchy top banana virus disease but its exorbitant price in the local market tempted growers to grow banana violating prerequisites for growing banana in the bunchy top infected area. It has been observed that a fresh cultivation of banana in isolated area gives good return viz: 1 to 2 lac per acres for 2-3 years if properly managed. This very lucrative economic return has tempted many greedy and illiterate growers to cultivate fresh banana near the old plantation having infection of bunchy top virus disease. Since virus of bunchy top disease is spread by an aphid found on banana (*Pentalonia nigroneruosa* (Coquerel)) soon the new plantation comes under virus attack because of shifting of aphids from the infected banana fields in the vicinity. This

very phenomenon soon brought the new plantation under virus attack living no option but to destroy and remove the fully developed banana plants from the field which numbers comes in thousands in an acre. For destruction firstly the entire plantation is chopped out and left in the field to dry up. The follow up action is burning of died leafs and throwing the unburned heavy fleshy stems in the adjoining ponds if any or piling it alongside road causing inconvenience to the pedestrians, donkey carts and vehicles.

Apparently in these scenarios banana growers looks victims of bunchy top virus disease because of damage of their costly banana plantation without any economic return but as a matter of fact it is not the banana growers but the environment as mass burning of dried banana leafs is a great source of pollution in a clean rural environment. In the light of the facts mentioned above it is imperative that these acts of banana growers are taken into account by the provincial Environmental Protection Agency (EPA) and needful should be done to create necessary awareness to this effect.

Visitor's Gallery



Vice Chancellors of Universities of Sindh Province visited the Shah Latif University Botanical Garden & Herbarium (SLUBGH) on 7th May 2011



Ms. Naheed S. Durani, Ex-Secretary Education visited the Botanical Garden & Herbarium. Dr. Bhatti, Director, CBC-SALU give brief presentation regarding Bilawal Bhutto Zardari Park, Khairpur at Khairpur City, Plan Prepared by Plants n Plants, Karachi



Dr. Khwaja Azam Ali, Managing Director, Quality Assurance Cell, HEC, Islamabad & Dr. Sarfaraz Ahmed Pirzada, Advisor, QEC, CIIT, Islamabad visited the Botanical Garden & Herbarium

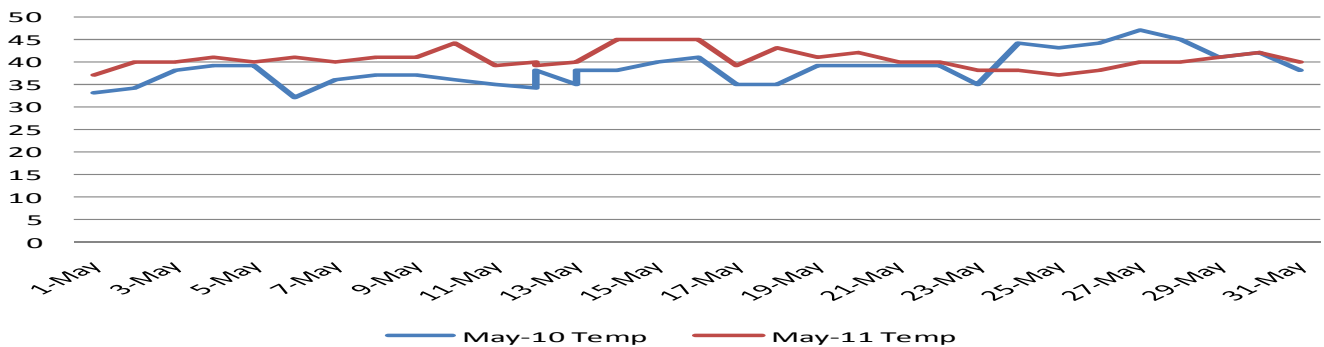
Dr. Khwaja Azam Ali, Managing Director, Quality Assurance Cell, HEC, Eng: Muhammad Ismail, Director, Q.A, NUST, Islamabad, Mr. Muhammad Shoib Project Director, Dr. Sarfaraz Ahmed Pirzada, Advisor, QEC, CIIT, Islamabad visited Takkar Wild Life Sanctuary with Dr. Abdul Razak Mahar, Director QEC-SALU and Director-CBC-SALU



Temperature & Humidity Data comparison for the Month of May 2010-11

Temperature & Humidity Recorded at CBC between 12noon to 1pm every day

Temperature May 2010-11



Humidity May 2010-11

