Newsletter

Pakistan Forest Institute, Peshawar

Forestry, Environment and Wildlife Department

Government of Khyber Pakhtunkhwa

Chief Patron: Hakim Shah
Director General

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Visit of Secretary Forestry, Environment and Wildlife Department Khyber Pakhtunkhwa to Pakistan Forest Institute, Peshawar

Worthy Secretary Forestry, Environment and Wildlife Department, Government of Khyber Pakhtunkhwa Mr. Jamil Ahmad on taking additional charge of Forestry Environment and Wildlife Department visited Pakistan Forest Institute, Peshawar on 15th August, 2016. On his arrival Director General, Pakistan Forest Institute, Peshawar and directors welcomed him. A briefing about the PFI were given to the chief guest by the DG, PFI while the briefing on ADP projects were given by Deputy Director (Technical).

The Secretary in his address emphasized that new technologies be adopted to overcome the climate change problems and conservation of natural resources.

A visit of PFI Museum was also held where the Secretary took keen interest and appreciates the efforts.

Secretary, Forestry, Environment & Wildlife Department

Visit of PFI Museum

Group Photo

Meeting with Secretary, Forestry, Environment and Wildlife, Government of Khyber Pakhtunkhwa at PFI, Peshawar

A meeting with Mr. Jamil Ahmad, Secretary Forestry, Environment and Wildlife, Government of Khyber Pakhtunkhwa was held in the office of DG, PFI on 22nd September, 2016. The agenda of the meeting was to conduct monitoring and evaluation of Billion Trees Tsunami Project of KP Forest Department.

Visit of participants of Senior Management Course (SMC), Lahore

The participants of Service Management Course (SMC) from Lahore visited PFI on 7th September, 2016. A briefing was conducted by the Billion Trees Afforestation Project (BTAP) in the committee room of Pakistan Forest Institute, Peshawar. Director General, PFI, Peshawar Mr. Hakim Shah welcomed the participants. Project Director BTAP Mr. Shabir Hussain gave detailed briefing on the Tsunami project and also answered the participants questions.

Group Photo of SMC participants

At the end a visit of PFI Museum was conducted. The participants took keen interest in the PFI Museum.

SMC participants briefed about PFI

SMC participants visits PFI Museum

NEWS OF FOREST EDUCATION DIVISION

FOREST MANAGEMENT PLAN TOUR

Dr. Mamoona Wali Muhammad
Assistant Professor of Forestry

The working plan camp of M.Sc. & B.Sc. Forestry session 2014-16 Classes was conducted at Shinkiari Field Station w.e.f. 7th July 2016 to 20th July 2016 .First of all, the lectures on Working Plan preparation, organization, working plan circles and practice of forest inventory in coniferous forest, different forest inventory techniques, data collection, data analysis and compilation were delivered. Later on the students themselves collected field data from Chir pine Forests of Shinkiari College Forest through full and partial enumeration techniques., The classes visited various parts of Neelum Forest AJK from 21st July to 6th August 2016 to observe the various forest management practices and compare it with forest management practices of KP. The students were briefed comprehensively by senior forest officers of AJK Forest Departments.

The students visited KundalShahi/ Athmuqam and studied the in vogue management practices and timber extraction techniques versus working plan prescriptions; status of current management plans in Moist/Dry Temperate Forest Types of AJK. The field visits of Forest site nursery at Machal, Musk Deer National Park, Trout Hatchery at Taubut and Ancient Sharda University were also made.

The students were also taken to Arangkeil to study the management planning of mixed coniferous forests and demarcation procedures, learned boom construction and forest produce movement control procedures on forest check post.

The generous hospitality of AJK Forest Department at each and every place visited by the class was highly remarkable

Dr.Shafiq-ur-Rehman, Ex-CCF AJK Sharing valuable experiences with young foresters

MSc Forestry 2014-16 and Bsc Forestry 2014-16 at Prime Minister Log hut atTaubutt Constructed byAJK Forest Department SardarAkram Mazhar Naqvi DFO AJK. Muqarrab Khan RFO,

SURVEY CAMP/FIELD TOUR OF B.Sc. FORESTRY CLASS

Ahmad Zamir,
Lecturer in Forestry

Survey camp/field tour of BS forestry class (2013-17) was held at field station Shinkiari, followed by the visit to Kaghan Forest Division and AJK from 09-08-2016 to 25-08-2016. The survey camp was facilitated by Mr Asif Kamal (SFM) and Mr.Ahmad Zamir (LIF). The student visited NTFP Complex Ayubia and Kaghan Forest Division to observe Billion Tree Afforestation Project (BTAP) activities then the students proceeded to AJK where they visited Machiara National Park and field sites of integrated community based watershed management projects ((ICBMWP) and Neelum Jhelum hydro project (EIA).

Students at Survey Camp

ORIENTATION AND FOREST TYPES TOUR OF M.SC/B.SC FORESTRY LCASSES (2015-17)

Sohaib Ahmed
Lecturer in Forestry

Imparting field knowledge to forestry students beside the theoretical knowledge is an important aspect of studies at Pakistan Forest Institute. For this purpose field tours are arranged to various ecological zones of Pakistan. Sites visited included; Changa Manga Irrigated Plantation, Sports Industry (Sialkot), Bela Forests (Gujrat), Dry Zone Afforestation sites (Jhelum), Margalla Hills National Park (Islamabad), Chir Forests (Shinkiari) and Moist/Dry Temperate and sub-alpine forests of Kaghan. The tours of B. Sc & M. Sc forestry session 2015-17 were conducted jointly from 23-09-2016 to 06-10-2016. Tours were conducted by two instructors Mr. Gulzar-ur-Rehman (Assistant Prof of Forestry) and Mr. Sohaib Ahmed (Lecturer in Forestry).

Student in Bela Forests of Gujrat with instructors and Field staff

In Marghallah Hill national park (Scrub forest)

Lecture on Nursery Techniques in BTTP nursery Baffa

B. Sc & M. Sc Forestry classes at Lulu Sir Lake

ASHIQ AHMAD KHAN

The only Pakistani to be awarded the prestigious Kenton Miller Award

The renowned conservationist, wildlife researcher and respected academician Mr. Ashiq Ahmad Khan has been awarded the prestigious World Commission on Protected Areas (WCPA) Kenton Miller Award at the World Conservation Congress in Hawaii, America.

Mr. Ashiq Ahmad Khan did his M.Sc. in Zoology from University of Peshawar and latter on he did M.Sc. Forestry from Pakistan Forest Institute. He did his Master in Wildlife Management from U.K. and served in Wildlife Management Branch of Pakistan Forest Institute, Peshawar as Wildlife Management Specialist and remained the part of the research and education team of PFI for almost 26 years.

The number of wildlife students or researchers whom he has taught and guided in wildlife sciences in Peshawar University over the last two and half decades runs in thousands.

With this award, Khan joins a very select galaxy of world-renowned conservationists, only eight to date, and him being the first from Pakistan and this achievement of Mr. Ashiq Ahmad Khan is a great pride for PFI. The PFI is proud of Mr. Ashiq Ahmad Khan for achieving this prestigious award.

Uniform Distribution to PFI Guards

On the directives of Director General, Pakistan Forest Institute, Peshawar the uniform was distributed among the Arm Guards and Drivers on August 26, 2016 in the office of the Director General. The Chief Guest of the occasion was the DG, PFI.

WOOD ANATOMY AND CLIMATE CHANGE

Tanvir Hussain
Assistant Wood Technologist

Trees monitor environmental conditions that limit their biological processes, and this information is stored in the structure of annual rings. In general, a wide ring indicates that along with the other factors, the year's climate may be moist and cool, while a narrow ring indicates that the climate may be dry and warm. Wood anatomical features within tree rings may further offer opportunities for obtaining these environmental information. Radial dimensions of cells and cell wall thickness is influenced by temperature and water availability. Increasing temperature during early wood formation period causes shortage of phase of radial expansion of young wood cells and therefore, the radial dimensions of cells are comparatively smaller. If the tree experiences higher temperature during latewood formation period, the phase of radial expansion is prolonged. The maturing period extends if the temperature of environment is higher for both early wood and latewood that leads to significantly thicker cell wall. Precipitation also affects positively the radial growth period and the maturing period and causes prolongation of these. Wood density (an indirect measure of xylem anatomy) has been shown its great potential to record climatic conditions. It has been reported that wood density component in tree-rings are highly sensitive to climate.

OBITUARY

It is with profound sorrow we report the sad demise of Dr. Khalid Mahmood Siddiqui a prominent forester and Director General, Pakistan Forest Institute, Peshawar who passed away on 27th August, 2016 at the age of 78 years.

Dr. K. M. Siddiqui was born on 1st January 1938 at village Saman, district Camphalpur, Punjab (Pakistan). He had a brilliant record of success. He did his B.Sc from Gordon College, Rawalpindi and B.Sc (Hons) from Pakistan Forest Institute, Peshawar with distinction (Gold Medalist), later, he did his Ph.D. in Forestry from USA.

He served in Pakistan Forest Institute, Peshawar in different position like Forest Geneticist, Deputy Director (Technical), Director Forest Products Research Division and Director General, Pakistan Forest Institute for a long duration of 10 years. He was very hardworking and sincere officer.

He is survived by his wife and three children. The Pakistan Forest Institute officials convey their heart-felt condolences to the grieved family and prays Almighty to give them courage to bear this irreparable loss. May his soul rest in peace (Ameen).

Condolence Reference at PFI

PFI arranged a condolence reference in memory of Dr. K. M. Siddiqui, Ex-Director General, Pakistan Forest Institute, Peshawar on his sad demise.

Mr. Hakim Shah, Director General, Pakistan Forest Institute, Peshawar and officers/officials paid rich tributes to Dr. K. M. Siddiqui for his awesome services. Speakers addressing at the occasion said that Dr. K. M. Siddiqui was not only a scientist but also a good human being.

DG address

Participants of the reference