



PAKISTAN FOREST INSTITUTE, PESHAWAR

NEWSLETTER

Forestry, Environment and Wildlife Department
GOVERNMENT OF KHYBER PAKHTUNKHWA



CHIEF PATRON: **Mehmood Aslam (PAS)**
Director General

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Extension Specialist

Mr. Mahmood Aslam assumed the charge of Director General Pakistan Forest Institute, Peshawar on 16-06-2021. He was born on 15-02-1977. He belongs to a renowned family of Bannu/Wazir. He completed his schooling from Bannu Board in 1993. He graduated from the University of Quaid-e-Azam, Islamabad and holds a Bachelor of Science degree in 1997 masters degree in 1999. He has worked as Political Agent in Orakzai and Mohmand Agencies.

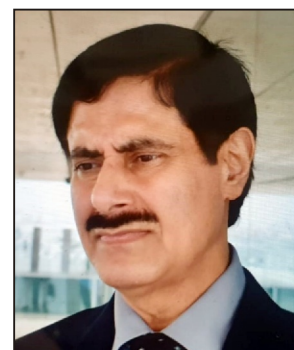
He has a dynamic personality. He has great vision for the up-lift of this prestigious institute. He is endowed with the great qualities of head and heart, pen and mind. He is a versatile genius who possesses vast academic and administrative experience. He has many plans for the progress and development of this institute. He believes in speedy delivery of services to the employees of PFI. We warmly welcome him and hope that the PFI will get a lot of benefit from his vision, experience and expertise.



Mr. Mahmood Aslam

Mr. Javed Anwar relinquished the charge of Director General Pakistan Forest Institute, Peshawar on 15-06-2021. He served PFI as DG, PFI w.e.f. 15-10-2020 to 15-06-2021. He contributed a lot for betterment of Pakistan Forest Institute, Peshawar. He was endowed with the great qualities of head and heart, pen and mind. He possessed vast academic and administrative experience. He had a multi-dimensional personality.

He improved the administrative system of PFI. We wish him good luck in his future endeavours. He was a scholar. He was very kind, hard-working and committed to his duties. He took special interest in solving the employees' issues. He proved himself as a good administrator. He introduced new measures to enhance the working capacity of PFI employees.



Mr. Javed Anwar
Ex-DG, PFI

MESSAGE FROM THE DIRECTOR GENERAL

It is a matter of great honor as well as challenge for me to serve in an organization which is taking concrete and effective measures to provide transparent, credible, trustworthy and peaceful environment to the researchers and forestry students. Since the beginning of my professional career, I always believe in delivery of good services and prompt decisions to ensure the good



governance and delivery of services to the public at the earliest. Therefore, on the occasion of joining my duties at Pakistan Forest Institute, Peshawar, I promised to myself that I would render my services with great devotion and with the passion of service to the nation as well as my beloved country. I will do my best to enhance the performing capacity of this organization through imparting necessary training to the employees of the PFI and uplifting their living standard by conducting various projects of their welfare and providing them best working environment in the PFI.

ACTIVITIES CONDUCTED BY PFI UNDER SFM PROJECT

Dr. Anwar Ali, Director Forestry Research Division



Pakistan Forest Institute (PFI) is implementing research and training activities under Sustainable Forest Management Project of the Ministry of Climate Change.

The following activities were conducted by PFI during April-August, 2021.

1. Comparative Assessment of Carbon Stock and Sequestration Potential in Ayubia National Park and surrounding forests of Galyat

Protected areas play important role in providing several ecosystem services including carbon sequestration, ecotourism, water regulation, biodiversity conservation etc. There is a need to properly quantify these services and assign monetary value to them to persuade policy makers to acknowledge the important role of these protected areas and declare more areas as national parks.

The current study was conducted to conduct temporal assessment of the forest cover change in ANP and the resultant increase in carbon stock over time. The main objectives are:

- To quantify changes in forest cover of ANP at 5 years interval from 1990 to 2020.
- To determine changes in growing stock in the area since 1990.
- To quantify change in carbon stock in the area since 1990 and compare the carbon stocks of ANP with the surrounding areas.

Data was collected from 210 sample plots; out of which 135 sample plots were laid out in ANP and 75 sample plots were laid out in the surrounding forests. The data analysis is currently in progress.

Intensive Training Course on Sustainable Forest Management

A five weeks intensive training course on "Sustainable Forest Management" was conducted by PFI under SFM Project w.e.f 1st August to 3rd September, 2021. The training course was attended by 12 officers from Forest and Wildlife Departments of Sindh, AJK, KP and PFI. The training course was held in Peshawar, Ayubia, Shinkiari and Chitral. The training course has lectures, presentations, group works, practical exercise and extensive field visits to national parks and other forest areas. Renowned experts of forestry and biodiversity conservation were invited as resource persons for the training course. The key concepts of sustainable forest management, biodiversity conservation, climate change mitigation and adaptation, carbon stock assessment, eco-tourism, national park management, watershed management, dry zone afforestation and bioengineering were covered during the training course.

A closing ceremony was held on 3rd September 2021 wherein certificated were distributed among the participants. Mr. Matullah Khan, Special Secretary, FE&WD was the Chief Guest on the occasion.



BIODIVERSITY RESEARCH DIVISION, PAKISTAN FOREST INSTITUTE BIODIVERSITY TRAINING COURSES

The Biodiversity Research Division, Pakistan Forest Institute has conducted two training courses under the ADP project “Biodiversity Research Initiatives in Merged Areas of Khyber Pakhtunkhwa” on “Biodiversity of Khyber District” and “Biodiversity of Bajaur District” from 14th to 15th January, 2021 and 26th to 27th February, 2021 respectively for the farming communities of Khyber and Bajaur Districts.

Detailed presentations/lectures were delivered by Muhammad Muslim, Director Biodiversity Research Division, Dr. Ghulam Ali Bajwa, Director, NTFP Division, Dr. Muhammad Arif, University of Agriculture, Peshawar, Mr. Niaz Ali, Divisional Forest Officer (Wildlife), on flora and fauna of these districts for identification, cultivation, collection, drying, storing and marketing. Lectures were also delivered on the importance of pastures and their careful use and proper management by Mr. Ashar Farooq, Range Management Officer, PFI, Peshawar.



(GROUP PHOTO)



(Delivering lectures to the course participants)

The participants showed keen interest in gathering knowledge on biodiversity and materials like seed and medicinal plant samples were also distributed to each participant for identification. Each section was supported by pictures, posters and charts relevant to the topic which helped to involve the farming community members that cannot read or write. An orientation visit was also conducted for the training participants to the Medicinal Plants Farm, PFI, Peshawar.



(Training session and field visit)

A Training Course on” Wood Identification with Computer Aided System”

Tanvir Hussain, Logging Officer, Forest Products Research Division

A short course on "Wood Identification with Computer Aided System" was arranged at Pakistan Forest Institute, Peshawar in Forest Products Research Division, under the project titled "Integrated Forestry Research Initiative & Computerization of Important Pakistani Timbers". The objective of the training was to create awareness and enhance the skill of personnel working in different

Government/ private organizations. The participants from Forest Department-KPK, Pakistan Navy-Karachi, FDC- Mansehra, Hazara University-Mansehra, Punjab Forest Department, University of Peshawar, University of Engineering-Peshawar, wood based industries-KPK and Pakistan Forest Institute, Peshawar attended the training course. During the training course lectures were delivered on the basic wood structure, wood Identification with computer aided program/system, wood mechanics, wood based products and their Importance etc. Practical demonstration was also given to the participants of the course in different Labs. of the Division. Further, a study visit to wood based industries (Khazana Trading Agency, Peshawar ZRK groups, Peshawar and FDC-woodworking Centre, Mansehra) was also arranged for the participants.



Group Photo of Participants and Recourse Persons

“Wood Identification Techniques and its Role in Wood Based Industries”

Tanvir Hussain, Logging Officer, Forest Products Research Division

A short training course on “Wood Identification Techniques and its Role in Wood Based Industries” was arranged at Pakistan Forest Institute, Peshawar (PFI) under the project titled “Integrated Forestry Research Initiatives & Computerization of Important Pakistani Timbers (IFRI & CIPTT). The Scientists and Teachers from Pakistan Forest Institute were requested as resource persons of the course. Participants from Pakistan Railway (Punjab), Pakistan Navy (Sindh), Shaheed Benazir Bhutto University, Shringal, University of Peshawar, Islamia College University Peshawar, University of Engineering, Peshawar, Wood Based Industries i.e. Rehman Furniture House, Peshawar, and Pakistan Forest Institute, Peshawar (Khyber Pakhtunkhwa) participated in the training.



Group Photo of Course Participants and Recourse Persons

During training lectures were delivered on important aspects like Development of Linkages Between Research Organization and Wood Based Industries, 3D-Structure of wood and its importance in Wood identification, Key for identification of Pakistani Timbers, Chemical composition of wood and its importance, Wood identification techniques, Wood based products and their importance, Testing and evaluation of Wood Based Panel Products, Physico-mechanical Properties of wood, Wood seasoning and preservation, Preparation of Timber for commercial use etc. Practical demonstration was also given to the participants of the course in different Labs. of the Division. Further, a study visit to wood based industries “Pak-German Woodworking Centre, Peshawar” was also arranged for the participants.