

Hameed Ullah Malik

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With rural background, brought in farming family & community, inheriting basic knowledge & skills of tree farming, nursery raising, transplantation, post planting care, I chose to opt education in the same field. Later, after completing studies, started my career with GTZ, now GIZ, in the same field. With the passage of time, all aspects of design, implementation, monitoring, coordination and reporting got digitalized, gradually with technology advancements. Switching jobs, provided opportunities to learn from seniors and co workers various skills including GIS and IT software and SRS and App developments.

I have had the opportunity to travel to Europe, Africa and Saudi Arabia. I have visited Saudi Arabia, several times, travelling across the country, viewing deserts with scattered plantation with harsh dry environment that resemble with province of Balochistan (Pakistan) and mountain ranges with juniper forest with plenty of rains southern part of the country, that resemble with Ziarat, Loralai, Harni, Kalat and Mastung Districts of Pakistan, where I have served for several years.

Education;

M.Sc Rural Development – Environmental Analysis of Agri Projects (Main Subject) 1st Division, Joint Venture of Wye College London & University of Sindh, 1998

M.Sc(Hons) Agriculture – Forestry (CGPA 4 / 4) University of Agriculture, Faisalabad, 1993

B.Sc(Hons) Agriculture – Forestry & Range Management (3.54 / 4) University of Agriculture, Faisalabad, 1990

Distinctions:

- ***Presidential Award “Izaz-e-Subqat”*** University of Agriculture Faisalabad in recognition of overall academic achievements.
- ***President of Pakistan Farooq Khan Laghari decorated with Medal*** in recognition of academic achievements (obtaining 4/4 CGP in M.Sc), University of Faisalabad.
- **M.Sc. (Hons) Agriculture Forestry & Watershed Management with First Position**
- **B.Sc. (Hons) Agriculture Forestry & Watershed Management with First Position**

Foreign Training:

“Use of GIS & Remote Sensing for Planning” Organized by ICIMOD, Kathmandu, Nepal, One Month, 1997.

“Team Building and Planning” Organized by Centre for Intercultural Learning Canada at Kathmandu, Nepal, May 24-June 1, 09

Local Trainings:

“Monitoring & Evaluation of Agricultural and Rural Development Projects” Organized by FAO in collaboration with Balochistan Agriculture Department, One Month, 1993.

Awards:

“Excellent Performance Award” as Senior Technical Coordinator in recognition of services while serving in BRSP 1997.

“Best Planner and Best Presenter Award” Pakistan Community Development Project for Rehabilitation of Saline & Water Logged Lands (UNDP) in 2002.

“Gold Medal” by Chief Minister Punjab in recognition of services rendered during Flood 2010

Experience;

Program Specialist Agroforestry (BRSP, joint venture of GTZ & Government of Pakistan) April 1993-April 1996

Develop curriculum for training of farmers in nursery establishment, planting techniques and post planting care. Subsequently help farmers establish nursery of forest / fruit trees and shrubs. Launch seasonal afforestation campaign, in collaboration with government departments, farmers associations, engaging NGOs / INGOs. Guide farmers in selection of crops for agroforestry and tree species for sand dune stabilization and strengthening of stream embankments. Suggest and demonstrate water harvesting techniques for arid & semi-arid areas of Balochistan.

Senior Technical Coordinator (BRSP, joint venture of GTZ & Government of Pakistan) May 1996 – Mar 1998

Supervise technically and administratively teams of Social Mobilisers, Foresters and Engineers in preparing land rehabilitation plans with participation of communities. By building their capacities through training of farmers / interest groups in water harvesting, establishment of forest & fruit trees nurseries, transplantation, post planting care, hold field and farmers days to publicize success stories. Lead field teams and village activities / farmers to establish shelterbelts of hardy trees to protect their crops from desiccating winds and fix sand dunes. Prepare periodic progress reports and share with higher management and sister organizations.

General Manager, Lahore Sanitation Program, Lahore, Pakistan, 1998 – 2000

Design and implement environment friendly solid waste management system with community participation. Design awareness campaign for communities / general public about contribution of **Disaster Waste in polluting environment** and convince them to play their role in recycling of solid waste. Lead multidisciplinary team engaged in solid waste collection, transportation, sorting, and compost making and marketing of recyclable items and compost. [Help IT team in devising IT based reporting system and web portal for general public for lodging complaints and grievance redressal.](#) Coordination with stakeholders and periodic reporting to senior management as part of my responsibilities.

Site Coordinator, United Nation Development Program (UNDP), Shorkot, Pakistan, Jan 2000 – Aug 2002, “Pakistan Community Development Project for Rehabilitation of Saline & Water-Logged Lands”

[Lead multidisciplinary team of experts, administratively & technically, to enable communities to rehabilitate their problematic lands by planting forest trees. Project involves awareness campaign, mobilizing communities, building their capacities, training them in tree nursery raising, selection of appropriate species best suited for a particular location, transplanting techniques and post planting care in collaboration with Punjab Agriculture Extension Department and Forest Departments engaging communities at all levels and stages.](#)

Project Coordinator, Society for Community Development, Oct 2002 – Oct 2006

[Develop curriculum for training of farmers in nursery establishment, planting techniques and post planting care of forest and fruit tree. Train master trainers in budding and grafting various species. Subsequently help establish nurseries of forest and fruit tree, as an income generating venture by selling saplings to neighboring farmers and transplanting sapling on their own lands. Demonstrate efficient use of water resources by adopting water efficient irrigation techniques. Launch seasonal afforestation campaign, in collaboration with line departments, with participation of local communities.](#)

District Program Officer, Canadian International Development Agency (CIDA), “System Oriented Health Investment Program (SOHIP)” Mianwali, Pakistan, Nov 2006 – Dec 2009

Health Service policy analysis, identify gaps, devise strategy to bridge weaknesses in consultation with government health department and communities, incorporate health promotion and occupational health elements in the health system, aligning it with international health standards. Enable health service providers to implement revised health policy by building their capacities, engaging third party for provision of gadgets and software required to comply with revised policy & job description, under the technical & financial assistance of CIDA.

General Manager, National Commission for Human Development (NCHD) Khushab, Pakistan, 2010 – 2011

[Lead multidisciplinary team engaged in organizing communities, developing institutions, imparting training to various interest groups, build their capacity to prepare their tree nurseries, as income generating activities and also plant trees on their own farm lands.](#)

Prepare volunteers to motivate local farmers and other interest groups to protect their crops from desiccating winds by establishing tree shelter belts in Thal desert. Liaise with provincial departments and NGOs engaged in afforestation activities in Thal Desert. Prepare reports and submit to higher management periodically.

Provincial Coordinator, World Bank funded Project “Citizens Damage Compensation Program “CDCP)” Aug 2011 – Feb 2012, Lahore, Pakistan

Citizen Damage Compensation Program is Emergency Cash Transfer Program for the rehabilitation of 2010 Flood Affectees, joint Venture of Government of Pakistan, World Bank, USAID and Government of Italy (**\$588 millions**). Coordinate with District, Provincial & Federal Governments, Development Partners, Banks, NADRA and auditors. Help Provincial and District Governments in resolution of appeals and complaints filed by Flood Affectees. Host Local, National, International Missions and help Provincial Government in answering queries regarding Project. Help Provincial Government in developing *“Future Disaster Response Action Plan”*.

Help IT team to devise IT based solution for the implementation of CDCP, Android App for lodging complaints, dashboards for stakeholders including donors and communities.

Project Director, World Bank Funded Project “Disaster & Climate Resilience Improvement Project” & Asian Development Project funded Project “Flood Emergency Reconstruction and Rehabilitation Project” Lahore, Pakistan Jul 2016 – Jun 2018

Lead multidisciplinary teams of experts of both projects and their field teams across the province of Punjab engaged in geo mapping of resources, rivers, hill torrents, water ways, hazard mapping, vulnerability assessment of the Province. Supervise IT / GIS teams in development of Android Apps for field surveys, monitoring and interactive dashboard for all stakeholders. Coordinate with provincial, federal and international stakeholders, represent Government & Donors at all platforms, prepare progress report and share with concerned stakeholders. Prepare detailed maps of various themes topography, soil types, land utilization, vegetative cover, rivers and build up areas, to provide basis for future planning of various initiatives of agriculture, forestry, infrastructure and disaster response.

Director PDMA, Provincial Disaster Management Authority, Punjab, Pakistan, Dec 2020 – Oct 15, 2024

Climate change has impacted the lives of the people of all countries of the world, in general and people of the developing countries in particular. Pakistan stands high in the list of top 10 worst hit countries of the world. Climate change has significantly increased number and frequency of the Disasters, leading to SMOG, heatwaves, droughts, sand storms, sand dune shifting, unprecedented rains, hill torrents, river and urban floods etc.

Devise IT / GIS based Apps, dashboards, coordination mechanism to carry out geo mapping, land use mapping, soil types, topography, demographic and vulnerability assessment of entire

province. Devise GIS App for reporting of afforestation drive and monitoring of post planting care. Engage all government departments, NGOs, corporate sector and local communities in tree planting drive to ameliorate environment, reduce smog, bring temperature down to overcome heat wave, stabilize sand dunes aimed at minimizing impact of climate change.

Provide advanced technology-based platform (App) to general public to report violations i.e. tree cutting, smoke emitting vehicles, industries, stubble burning etc.

Lead team to develop IT / GIS solution for surveillance (App), coordination (dashboard) and control of desert locust and connect with FAO for data sharing with neighboring countries. Lead multidisciplinary teams to carry out surveillance operation, coordinate with other provinces / federal stakeholders, and control operations.

Teaching and Research Experience

Assistant Professor Forestry, Faculty of Agriculture, University of Punjab

- **Feb 2012 – Jun 2016**
- **Jul 2018 – Dec 2020**
- **Oct 16, 2024 – till date**

Teach courses of Forestry & Range Management to students of B.Sc Agriculture classes, training of gardeners in nursery establishment, planting techniques and post planting care. Raise nursery of forest trees and shrubs, provide opportunity to student to raise their own nurseries at main departmental nursery. Launch seasonal afforestation campaign, in collaboration with corporate sector and government departments, engaging local communities. Use of GIS & Remote sensing tools for vegetative cover mapping and progress review. Devise advance technology-based tools for registration of volunteers for afforestation drive, identification of appropriate ground location for planting, monitoring of progress and reporting mechanism.