

CURRICULUM VITAE OF SULTAN MAHMOOD, PhD

PART A: Personal Information

1.

2. **Name of Expert:** SULTAN MAHMOOD, PhD

Residence: House 33-C/2, Punjab Society, Johar Town, Lahore

Telephone No.: +92 321 430 2528





Email Address: drsultan@gmail.com, info@ecocare.pk

Date of Birth: 18th December, 1955

Citizenship: Pakistani



3. **Education:**

				
Degree	PhD	M. Sc.	M. Sc. (Honors)	B. Sc. (Honors)
Subject	Agricultural Sciences (1992)	Environment Sciences (2004)	Agricultural Sciences (1985)	Agricultural Sciences (1981)
Institution	Warsaw Agric. University, Poland (Distinction) 1 st Div.	University of the Punjab, Lahore. (1 st Div.)	University of Veterinary & Animal Sciences (UVAS), Lahore (1 st Div.)	University of Agriculture, Faisalabad (1 st Div.)

4. **Training Received**

- 2008 - Environ Monitoring & Auditing by World Bank at Islamabad
- 2008 - Environ, Health and Safety by Center for Social Research, Karachi
- 2008 - Freshwater Fisheries, Fishery Research Center, Chhanawan, Gujranwala.
- 2007 - Dolphin Rescue by WWF at Taunsa
- 2005 - Environ Impact Assessment (EIA) at Punjab University, Lahore
- 2005 - Environmental Pollution, Fishery Research Institute, Manawan, Lahore
- 1991 - Nuclear Techniques in Agriculture by EAAP at UN City, Vienna, Austria
- 1989 - In-situ Techniques used in Agriculture by Polish Ministry of Foreign Affairs at University of Wageningen, The Netherlands
- 1988 - Nuclear Techniques in agriculture at University of Wageningen, The Netherlands

5. **Membership / Courses Conducted with Professional Societies:**

1. Environment Consultants Association of Pakistan (ECAP), 2017
2. iSupport, Member WWF – Pakistan (75991LID-2016)
3. Association of Environmental Professionals (AEP), USA, 2015

6. **Resource Person / Master Trainer**

1. Irrigation; Water Management, Water & Sanitation; Public Health Departments, Punjab Government, since 2012
2. Rotary International, Lahore, 2011 & Quetta, 1994
3. Institute of Social Sciences (ISS), Lahore, 2012
4. Yoga Association of Pakistan, 2012
5. Human Rights Commission of Pakistan (HRCP) 2008
6. International People Health Movement (IPHM), 2004
7. NGO "Lok Sujhag", Sahiwal, 2002
8. NGO "Forum for Environment, Economic Development & Welfare of People (Feed Well People)", 1998 Helping Hands, Lahore, 1997 Institute of Public Health, Lahore, 1997
9. Pak-Germen Technical Cooperation (GTZ), Lahore
10. Monthly Qoumi Sehat, Qarshi, Lahore
11. Print Media, dailies and weekly magazines, viz; monthly Qaumi Sehat, daily Jehan Pakistan, etc.
12. Electronic Media, viz; GNN, ANN, Neo News, SAFMA, etc. since 2002
13. Pakistan Community Centre, New York, 2001

7. **Distinctions and Awards (National/ International):**

- Academic Distinction in Doctorate, Poland, 1992 and in Graduation, Pakistan, 1981.
- Two Creative Work Certifications (1) Community Center, NY 2001 and (2) American Biographical Institute (ABI), 1998.
- Two Fellowships Winner (1) ESNA, Europe 1989 and (2) USDA Post-Doc, 2001.
- Two Appreciations in Environmental Consultancy Reports (1) World Bank Funded Project, TBERMP, Taunsa, 2008; and (2) Neelum Jhelum HPP, AJK, 2011.

8. **Countries of Work Experience:**

North/ South America: USA, Peru.

Europe: Holland, Poland, Germany, Denmark, Spain, Czech Republic, Hungary, Austria

Asia: Pakistan, India, Nepal, UAE, Turkey, Afghanistan, China

9. Language Efficiency:

- International – English (good) and Polish (basic)
- National – Urdu (good) and Punjabi (mother tongue)

PART B: Work / Employment Summary

10. EXPERIENCE: Employment Record (International 8 years & National 31 Years)				
Period	Employer	Position Held	Country	
10a. Experience of International Projects				
1. April 2015 to Jun 2020	Green World International	Food Security Expert	China / Pakistan	
2. Jun to Nov 2012 (Intermittent)	USAID	Environment Expert	Afghanistan	
3. Aug 2005 & Feb to Mar 2006	European Union	Environment Scientist	Turkey, Spain, Czech & Hungary	
4. Aug 2001 to Jan 2002	USDA	Exchange Scientist, Food Security	USA	
5. Nov 1997 to Jan 1998 & Apr 2006	NORAD-Norwegian Agency for Development	Environment Scientist	Nepal, India	
6. Dec 1996 to Feb 1997	American Soybean Association (ASA), USA	Master Trainer at Dubai	UAE	
7. Sep to Dec 1989; Nov 1992 to	FAO - Food and Agriculture Organization of UN	Internee at UN City, National Consultant; & Environmental Scientist	Austria, Pakistan & Germany	
8. Aug 1993; & Jan to Dec 1998				
9. Nov to Dec 1992	FAO - Food and Agriculture Organization of UN	Consultant Food Security	Peru	
10. Jan to Aug 1989 and Jan to May 1992	Ministries of Education, Pakistan & Poland	Exchange Scientist; Research Scholar; & Adjunct	Poland	
11. Sep to Dec 1988; & May to Oct 1992	EAAP-European Association of Animal Production	Internee at Agricultural University, Wageningen; & Post-Doc Fellow at Royal Agricultural University, Copenhagen	Holland & Denmark	
Period	Employer	Position Held		
10b. Experience of National Projects in Pakistan				
1. Nov 2020 to Present (Part-Time)	Barqaab Consulting Services Pvt. Ltd.	Socio-Environmental Expert		
2. May 2018 to Oct 2020	ECOCARE Consultancy Services, ECCS, Pvt. Ltd.	Managing Director		
3. Aug 2013 to Apr 2018	Engineering Consultancy Services Punjab, ECSP, (Pvt.) Ltd.	Chief of Section ESRED (Environment, Social, Resettlement & Economic Dev)		
4. Sep 2012 to Aug 2013	Engineering General Consultants (SMEC-EGC)	Environment & Resettlement Expert		
5. Jan to May 2012	Development & Management Consultants (DMC)	Chief of Section, Environment/ Social/ Resettlement		
6. April 2007 to Dec 2011 & Intermittent since Dec 2012	National Engineering Services Pakistan (NESPAK)	Advisor/ Principal Social/ Environment Scientist		
7. Oct 2008	Individual Consultant WAPDA	Environment Expert		
8. Nov 2004 to Feb 2007	NDC – National Development Consultants	Principal Environment Expert		
9. Mar 2002 to Jun 2004	MSc Environment Sciences Thesis “Environmental Assessment Techniques and Procedures of water Resources Projects in Pakistan:	Research Scholar		
10. Feb to May 2005	City District Government, Kasur	Manager, Water Treatment Plant		
11. Jan 1994 to Dec 1996	GTZ Germany; BRSP –Baluchistan Rural Support Program	Head of Section, Natural Resources & Enterprise Development Division		
12. Sep to Dec 1993	ADB / Livestock Department, Baluchistan	National Consultant		
13. Apr 1993	IUCN - International Union for Conservation of Nature	Consultant Natural Resources		

CURRICULUM VITAE**Dr. Sultan Mahmood**

14. Aug83 to Aug88; Feb to Oct97; Jan99 to Jul 2000; & Feb02 to Jul04	Livestock and Dairy Development Department (L&DDD), Government of the Punjab / ADB / GTZ	Veterinary Officer / Assistant Chief (Evaluation) / Section Officer (Planning) / Subject Specialist (Animal Nutrition)
15. Jan 1982 to Jul 1983	PARC - Pakistan Agricultural Research Council, Islamabad/ College of Veterinary Sciences, Lahore	Research Associate

PART C: Relevant Projects to the Proposed Assignment (Socio-Environment & Poverty Alleviation)**(A) INTERNATIONAL PROJECTS (Reverse Order)**

Name of Assignment Project	1. Environment and Sustainable Management of Natural Resources including Energy - Task 2
Location	 Istanbul, Turkey
Date of Start & End	Aug to Sep 2006
Employer and funding Agency	 European Union (EU)
Main Project Features	<ul style="list-style-type: none"> To integrate environmental protection requirements into the EU's development and other external policies Contributions to global initiatives like the EU Water and Energy initiatives Studying multilateral environment agreements and global partnerships.
Position held	Environmental Specialist
Activities performed	<ul style="list-style-type: none"> Recording baseline conditions of the Project and Study Area in terms of physical, biological and social environment. Referring environmental laws applicable to the project. Assessment of socio-environmental impacts of the project and recommendations to mitigate the adverse environmental and social impacts due to the project in terms of formulation of EMP or Environment Management Plan. Calculating the cost estimate to keep the environment intact during and after construction. Processing the case in relevant EPA to get environmental approval.

Name of Assignment or Project	2. Environment and Sustainable Management of Natural Resources including Energy - Task 1
Location	 Madrid, Spain
Date of Start & End	Feb to Mar 2006
Employer and funding Agency	 European Union (EU)
Main Project Features	<ul style="list-style-type: none"> To integrate environmental protection requirements into the EU's development and other external policies Contributions to global initiatives like the EU Water and Energy initiatives studying multilateral environment agreements and global partnerships.
Position held	Environmental Specialist
Activities performed	<i>Same as narrated in Project 1</i>

(B) PAKISTAN PROJECTS

THE MOST RELEVANT PROJECT TO THE ASSIGNMENT APPLIED FOR:				
	Environmental & Social Management Framework			
1	Water Meters Installation to 769 Thousand Households of Lahore	Water And Sanitation Agency (WASA) Punjab Pakistan	Lahore	April 2019 to December 2020

I have consultancy experience of socio-environmental and climate change projects at national/ international level in following sectors / sub-sectors where detail of hydropower projects is mentioned as specimen"

AT INTERNATIONAL LEVEL

(a) Research

Hydropower

- (b) Environment Management
- (c) Environment Assessment
- (d) Forests
- (e) Food Security

AT NATIONAL LEVEL

- (a) Research
- (b) Climate Change / Environment Management
- (c) Clean Development Mechanism
- (d) Biodiversity / Ecology
- (e) Water Resources Management
- (f) Energy Generation (Hydro, Solar, Wind, Waste)
- (g) Forests / National Parks
- (h) Urban Development (Master Planning, Housing, Water Supply, Recreational, Waste Disposal)
- (i) Industrial Development (Special Economic Zone, Industrial Estates, Manufacturing, Food)
- (j) Drainage and Liquid Waste Management
- (k) Hazardous (Hospital) and Non-Hazardous (Organic) Waste Management
- (l) Mining and Minerals
- (m) Rural Development / Economic Uplift / Poverty Alleviation
- (n) Third Party Validation/ Performance Audit

HYDROPOWER PROJECTS COMPLETED IN PAKISTAN (Reverse Order) (Note: My delivery of services was continuous, thus gaps seen here are my engagements at other sectoral project)

Name of Assignment or Project	1. Environmental Supervision of Jalapur Canal (ABD Funder Project)
Location	Tehsils of Jhelum, Pind Daden Khan and Khushab along Jhelum River, Pakistan
Date of Start (Assignment)	May 31, 2021 to Jun 2022
Employer and Funding Agency	Irrigation Department, Punjab
Main Project Features	Construction of 116 km long canal mainly used for irrigation of 175,000 acres of rain-fed agricultural lands. It is proposed to contain a main canal, 23 distributaries, 7 minor canals and 16 flood carrier channels.
Activities performed	The environmental monitoring was carried out to assess actual nature and extent of key impacts and the effectiveness of mitigation and enhancement measures outlined in the EMP and SSEMP. Mitigation measures are considered so that the project is designed, constructed, and operated in compliance with applicable national and provincial laws and regulations which meet the requirements of ADB SPS (2009). Further field inspections are undertaken by the environmentalists and sociologists of the consultants and the client government department.

Name of Assignment or Project	2. Gehrait-Swirlusht Hydropower Project
Location	Chitral, Pakistan
Date of Start (Assignment)	Sep 2012 to Aug 2013
Employer and Funding Agency	Irrigation Department Peshawar
Main Project Features	Generation of 350 MW Hydropower
Activities performed	<ul style="list-style-type: none"> • Carried out Environmental Impact Assessment (EIA) where activities comprised the delineation and categorization of study area for Chitral River diversion through permanent power tunnel. • Carrying out baseline survey during field visit and collection of information regarding the existing environmental conditions of the Study & Project Area, assessment and quantification of impacts, proposing mitigation measures for adverse impacts, and • Carrying out the environmental monitoring, testing and management plan and compilation of EIA report for KPK government.

Name of Assignment or Project	3. Istaru-Booni Hydropower Project
Location	Chitral, Pakistan
Date of Start (Assignment)	Sep 2012 to Aug 2013
Employer and Funding Agency	SMEC-EGC / Irrigation Department Peshawar
Main Project Features	Generation of 52 MW Hydropower

Position held	Head Socio-Environmental Team
Activities performed	Same as mentioned at Project 2, above
Name of Assignment or Project	4. Monitoring & Evaluation of Resettlement Plans of Lower Bari Boab Canal (LBDC) Implementation Project
Location	
Date of Start (Assignment)	Jun to Aug 2012
Employer and Funding Agency	Punjab Irrigation Department / ADB
Main Project Features	Provision of support to Project Management Unit (PMU) in issues related to environment resettlement and monitoring & evaluation
Position held	Socio-Environmental Consultant
Activities performed	<ul style="list-style-type: none"> • Assessment of groundwater extraction impact assessment • Assisting PMU in implementing resettlement plans • Training of PMU staff and the GRC members for ADB social & environment safeguard policies • Coordination with external monitor, staff of ADB, PMU, other packages and the GRC members
Name of Assignment or Project	5. Detail Design of Dasu Hydropower Project
Location	Dasu, District Kohistan, Gilgit-Baltistan
Date of Start (Assignment)	Jan to May 2012
Employer and Funding Agency	Management and Development Consultants (MDC) / WAPDA / Sub-Component B4 of WCAP, WB
Main Project Features	Generation of 550 MW Hydropower
Position held	Head Socio-Environmental Team of 19 Professionals
Activities performed	<ul style="list-style-type: none"> • Review of EIA 2009 and its update 2012 for detailed design of the project • Preparation of 13 social action plans (resettlement, gender assessment, public health & socio-economic uplift) and 12 environmental action plans (environment impact & mitigation, agricultural, fishery & archeology development) • Supervision of socio-environmental team of 17 professionals including both team leaders of environment and social
Name of Assignment or Project	6. Feasibility Study of Small Hydropower Stations in Punjab - Task2
Location	Nine Canals of Punjab
Date of Start	Aug to Oct 2011
Employer and Funding Agency	NESPAK / Punjab Irrigation Department / Asian Development Bank
Main Project Features	Generation of 21 MW Hydropower on Punjab Canals
Position held	Head Socio-Environmental Team
Activities performed	<ul style="list-style-type: none"> • Supervising the Environ team in preparing IEE reports of 5 hydropower stations • Coordinating the project with the key staff of NESPAK • Preparation of 5 resettlement plans (RPs) for all 5 finally selected sites, i.e., hydropower generation at Khanki Barrage, Qadirabad Barrage, Qadirabad-Balloki-Link Canal, Lower Chenab Canal and Upper Chenab Canal.
Name of Assignment or Project	7. Water Sector Improvement Project (WSIP) – Operations in three Area Water Boards (AWB) of entire Sindh Province
Location	Hyderabad, Sindh
Date of Start	May to Jul 2011
Employer and Funding Agency	NESPAK / Sindh Irrigation department Authority (SIDA) / World Bank
Main Project Features	Evaluation of 6 Environment Management Plans (EMPs) of Minor Canals and Tributaries of Main Upper Nara Canal for donor clearance
Position held	Head Socio-Environmental Team
Activities performed	<ul style="list-style-type: none"> • Preparation of Environment part of Inception Report by applying Log-frame • Supervised environ baseline data collected from all three AWBs

Name of Assignment or Project	8. Due Diligence of EIA 2005 of Kotli Hydropower Project
Location	Kotli, AJK
Date of Start	Jan to Apr 2011
Employer and Funding Agency	NESPAK / Mira Hydropower Project / Pak Army
Main Project Features	
Position held	Head Socio-Environmental Team
Activities performed	<ul style="list-style-type: none"> • Evaluation of EIA 2005 as a part of due diligence • Participation in two presentations before the client

Name of Assignment or Project	9. Feasibility Studies of Small Hydropower Stations in Punjab - Task-1
Location	Nine
Date of Start	Oct to Dec 2010
Employer and Funding Agency	NESPAK / Punjab irrigation and Power Department / Asian Development Bank
Main Project Features	Ranking of 10 Canals of Punjab for small Hydropower Stations
Position held	Head Socio-Environmental Team
Activities performed	<ul style="list-style-type: none"> • Supervision of Environ team in the ranking study of 10 potential hydropower stations • Establishing environmental ranking for the final five hydro power stations in terms of site selection based on socio-enviro profile

Name of Assignment or Project	10. Updating of EIA 1996 of Neelum-Jhelum Hydropower Project
Location	Muzaffarabad, AJK
Date of Start	Jan to Sep 2010
Employer and Funding Agency	WAPDA / GOP
Main Project Features	To update PC-1 of the Project
Position held	Head Socio-Environmental Team
Activities performed	<ul style="list-style-type: none"> • To update EIA 1996 by incorporating fresh baseline information • To study aquatic & terrestrial ecology of Neelum River as a part of EIA 2010 • To help the project for the issuance of NOC from EPA-AJK

Name of Assignment or Project	11. Nai Gaj Reservoir Fishery Development Plan
Location	Dadu, Sindh
Date of Start	May 2009
Employer and Funding Agency	NESPAK / Sindh irrigation Department / WAPDA / Asian Development Bank And partially WWF-Pakistan
Main Project Features	<ul style="list-style-type: none"> • Resettlement Action Plan (RAP) • Fishery Development Plan
Position held	Head Socio-Environmental Team
Activities performed	<ul style="list-style-type: none"> • Development of socio-economic model for the lower riparian • Formulation of reservoir fishery development plan

Name of Assignment or Project	12. Aquatic Study of Manchar Lake, Sindh
Location	District Dadu, Sindh
Date of Start	Sep 2008 to Feb 2009
Employer and Funding Agency	Individual Consultancy / IUCN Pakistan
Main Project Features	Establishing Aquatic Profile of the Lake
Position held	Head Socio-Environmental Team
Activities performed	<ul style="list-style-type: none"> • To establish baseline conditions of the aquatic fauna of the lake • To establish baseline conditions of the aquatic flora of the lake • To recommend doable future steps for the lake health

Name of Assignment or Project	13. Construction of New Khanki Barrage
Location	Wazirabad, Punjab
Date of Start	Aug 2008
Employer and Funding Agency	NESPAK / Punjab Irrigation Department / ADB
Main Project Features	To Update old PC-1 of the Barrage
Position held	Head Socio-Environmental Team
Activities performed	<ul style="list-style-type: none"> • Socio-Ecological input to the PC-1 of the project • Preparation of Change Management Statement (CMS-01) for the addition of a few components into the approved EIA of the project • Presentation of CMS-01 to the Foreign Donor Agency (JICA)

Name of Assignment or Project	14. Quality Assurance of the EIA of Kachhi Canal Project
Location	Kot Adu, District Muzaffargarh
Date of Start	May to Jul 2008
Employer and Funding Agency	Punjab Irrigation Department/ World Bank
Main Project Features	To Review PC-1 of the Project
Position held	Head Socio-Environmental Team
Activities performed	Quality Assurance of RAP and EMMP already prepared during EIA 2006 Identifying gaps/deficiencies and suggesting supplementation for action

Name of Assignment or Project	15. Social and Environmental Audit of the Project by External Environment Auditor
Location	Kot Adu, District Muzaffargarh
Date of Start	Mar 2008
Employer and Funding Agency	NESPAK / Irrigation Department, Punjab / World Bank
Main Project Features	Socio-Environmental Audit
Position held	Head Socio-Environmental Team
Activities performed	<ul style="list-style-type: none"> • Special coordination and provision of facilities to external environment auditor in an evaluation process • Incorporating recommendations of the auditors

Name of Assignment or Project	16. Evaluation of Social and Environmental interventions by International Panel of Experts (POE)
Location	Kot Adu, District Muzaffargarh
Date of Start & End	Nov to Dec 2007
Employer and Funding Agency	Punjab Irrigation Department/ World Bank
Main Project Features	Coordination with International Panel of Experts
Position Held	Head Socio-Environmental Team
Activities Performed	<ul style="list-style-type: none"> • Special coordination and provision of facilities to POE in an evaluation process • Incorporating recommendations of the POE.

Name of Assignment or Project	17. Development of Social Infrastructure of the Project Affected Persons (PAP)
Location	Kot Adu, District Muzaffargarh
Date of Start & End	July to Oct 2007
Employer and Funding Agency	<ul style="list-style-type: none"> ▪ NESPAK / Punjab Irrigation Department / World Bank ▪ Punjab Rural Support Program
Main Project Features	Impact of Construction on Project Affected Persons
Position Held	Head Socio-Environmental Team
Activities Performed	<ul style="list-style-type: none"> • Special coordination and provision of facilities to PRSP staff for the implementation of community development packages • Arrangements of funds and their use in the project area as per PRSP packages

Name of Assignment or Project	18. Baseline Study of Aquatic and Terrestrial Ecology of Taunsa Wildlife Sanctuary (Ramsar Site)
Location	River Indus, Kot Adu, District Muzaffargarh
Date of Start & End	Jun to Jul 2007
Employer and Funding	WWF Wetland Program
Main Project Features	River Ecology of Ramsar Site
Position Held	Head Socio-Environmental Team
Activities Performed	<ul style="list-style-type: none"> Establishing baseline conditions of Ramsar site, Wildlife sanctuary and Indus Blind Dolphin Assessment of ecological (socio-environmental) impacts of the project and to mitigate the adverse environmental and social impacts on the Ramsar site, Wildlife sanctuary and Indus Blind Dolphin in terms of formulation of EMP Preparation of technical memo based on the WWF survey

Name of Assignment or Project	19. Taunsa Barrage Emergency Rehabilitation and Modernization Project (TBERMP)
Location	Kot Adu, District Muzaffargarh
Date of Start & End	Apr to May 2007
Employer and Funding	NESPAK / Punjab Irrigation Department / World Bank
Main Project Features	Implementation of Environment Management Plan (EMMP) and Resettlement Action Plan (RAP)
Position Held	Head Socio-Environmental Team
Activities Performed	<ul style="list-style-type: none"> Implementation and M&E of Environ Management & Monitoring Plan (EMMP) and Resettlement Action Plan (RAP) during construction supervision. Supervision of a Consultant Sociologist and EHS (Env/Health/Safety) teams of 3 Construction Contractors (total 120 staff). Analytical progress reporting to Client and World Bank Missions. Frequent attachment with the Environment Unit of the Client (PMO) regarding reporting and other write-ups and helping out in emergency assignments.

Name of Assignment or Project	20. Updating the Feasibility Report of Tank Zam Dam
Location	Dera Ismael Khan, KPK
Date of Start & End	Sep 2006 to Oct 2006
Employer and Funding	National Development Consultants (NDC) / Punjab Irrigation Department / ADB
Main Project Features	To Update EIA Report
Position Held	Head Socio-Environmental Team
Activities Performed	Updating of budgeting and costing of EIA and RAP as calculated during old feasibility study

Name of Assignment or Project	21. Kharian Irrigation Canal Project (KICP) at Upper Jhelum Canal (UJC)
Location	Gujrat, Punjab
Date of Start & End	May to July 2006
Employer and Funding	National Development Consultants (NDC) / Punjab Irrigation Department
Main Project Features	EIA of UJC
Position Held	Head Socio-Environmental Team
Activities Performed	<ul style="list-style-type: none"> Provision of canal water from left bank of UJC to barani areas of Gujrat and Kharian Chapter input for Socio-Environments in feasibility study of KICP for Gujrat and Kharian To describe briefly the existing environmental situation (especially flora & fauna) and evaluate environmental impacts of the project through EIA

PART D: Publications & Mass Communication

11. Summary of R&D Publication Record and Mass Communication

Mass Communication	
Books on Social / Environment Book 1: 'Food Insecurity in Pakistan due to Climate Change', 2018 (English) Book 2: 'Animal Impact', 2000 (English) Articles published in 'Hamarey Mweshi' Sarcastic Books	Popular Articles Published in Print Media 1. Weekly 'Sada-e-Pakistan' by PCC, New York, USA 2. Monthly 'Qaumi Sehat', Qarshi Industries, Lahore 3. Monthly 'Sugar' by Diabetic's Institute Pakistan (DIP), Lahore 4. Daily Jehan Pakistan, Lahore 5. Daily 'Nai Baat', Lahore 6. Daily 'Khabrain' Lahore

<p>Book 3: 'Meetha Sach', 2019 (Urdu) Book 4: 'Sultani Gwah', 2020 (Urdu) Book 5: 'Sugar Coat', 2020 (Urdu) Book 6: 'Bona Mufakkir', 2020 (Urdu)</p> <p>Books on General Topics Book 7: "Sex Almanac", 2002 (English) Book 8: 'Wo Musafir Bhi Gia', 2020 (Urdu Poetry)</p> <p>Personal Websites 1. www.dietcare.pk 2. www.ecocare.pk</p>	<p>7. Daily Mashriq' Lahore</p> <p>Popular Talks on Electronic Media</p> <p>Television</p> <ul style="list-style-type: none"> 24 Programs on Health & Nutrition at Royal, Shalimar, PTV Quetta, Paigham, GNN and Plastic Pollution at ANN Channel <p>Radio</p> <ul style="list-style-type: none"> FM 103 Public Health Nutrition 11 programs and Pediatric Nutrition 2 programs Radio Pakistan Lahore, 18 programs on Animal Production
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PART E: Testimonials**12. TESTIMONIALS**

As Environmentalist		
31.08.2007	<p>Harvey F. Ludwig, Dr. Eng, Late <i>As Chief of POE (Panel of Expert) of WB who visited Pakistan (14-24 Aug 2007) for TBREMP. He was American but settled in Bangkok, Environmental Engineer, retired as Colonel (2nd WW), again retired as Professor UC Berkeley, 90 years old, author of 6 books, founder of 6 international organizations, and worked for WB, ADB & other IFCs.</i></p>	Great to get to work with you and your assistance on the Panel work and even great to get a fine new friend – A guy who thinks very much like me with a simple of philosophy of Life.
July 2017	<p>Zafar Ali Raja <i>Columist daily Nawa-e-Waqt, Lahore</i></p>	دہستان اقبال لاہور کی دعوت پر ہم ماہر ماحولیات ڈاکٹر سلطان محمود کا "ملک میں پانی کی صورتحال" پر لیکچر سننے بھاگنا بھاگ پینچے تو وہاں ڈاکٹر صاحب آبی مسائل پر حیرت انگیز معلومات اور چونکا دینے والے انکشافات کے دریا بہا رہے تھے۔
2012	<p>Linked-In <i>This profess onal and social site says:</i></p>	Dr.Sultan, you and your amazing network (112 connections and counting!) are the heart and soul of LinkedIn. As we celebrate our 10th anniversary, we want to say thank you by sharing some inspiration for the next 10 years.
2011	<p>Engr. Jahangir Akhtar <i>As Boss in ECSP and Ex-Vice President, NESPAK, Lahore</i></p>	<p>Dr. Mahmood is reported to be working with 38 diversified projects related to Natural Resources Management (water/forestry/rangelands), Ecology (aquatic/terrestrial ecosystems), Environments (biological/social/biodiversity) as well as Rural Development (Livestock/Fishery/Wildlife/Social Forestry/Agriculture) and Urban Development (Drinking Water/in Pakistan and abroad).</p> <p>Currently he is engaged with ERGES as Advisor/Principal Environmentalist. His landmark project concerned with the aquatic ecology was Rehabilitation & Modernization of Taunsa Barrage which has received appreciation from World Bank. He disseminates and shares his versatile experience as guest speaker in public and media.</p>

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this bio-data correctly describes myself, my qualifications, and my experience.

--- signed ---

Signature of Applicant

Date: 27 June 2022

Day/Month/Year