

CURRICULUM VITAE

- NAME** : Muhammad Junaid Mahmood
- DATE OF BIRTH** : **01-05-1987**
- CURRENT POSITION** : Lecture in Centre For Integrated Mountain Research (CIMR)
University of The Punjab, Lahore Pakistan
- EDUCATION** :
- **Master in Sustainable Water Management**
Area of Study (Environment Engineering)
- Thesis: "The Potential of Rooftop Rainwater Harvesting and its Physio, Socio-Economic Impacts; A Case Study of Rawal Watershed, Islamabad, Pakistan"
University of Kristianstad, Sweden
- **M.Sc. Mountain Conservation & Watershed Management,**
- Thesis: "Physio-Chemical Appraisal for Soil and Water Quality Assessment of Flood Affected Area Layyah, Punjab, Pakistan"
Centre for Integrated Mountain Research(CIMR),
University of the Punjab, Lahore, Pakistan
- **B.Sc. Bachelor of Science, Math A, Math B, and Physics**
University of Punjab Lahore, Pakistan
- PROFESSIONAL TRAININGS** :
- One-month training course on basics of "Geographic Information System (GIS)".
 - SQL queries operations
 - Training Workshop on "GPS"
 - Soil Surveys of Pakistan Training
 - Training on "Watershed Rehabilitation and Irrigation Technology Improvements"
 - Short training course on "Land Resource Surveys Using GIS/RS Techniques"
- Honors/Awards** :
- Got the Laptop & Certificate on Merit from government of the Punjab, Pakistan
 - Certificate of participation in annual sports Gala of the CIMR, University of the Punjab,

PROFESSIONAL EXPERIENCE	WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED
<p>Name of the Institution:</p> <p>Climate Change Alternative Energy & Water Research Institute (CAEWRI), (NARC) PAKISTAN AGRICULTURAL RESEARCH CENTRE, Islamabad, Pakistan.</p> <ul style="list-style-type: none"> ▪ Rawal Watershed Management Agricultural Linkages Program (Alp) Water ▪ Water Rehabilitation & Irrigation Improvement Program, International Center for Agricultural Research in the Dry Areas (ICARDA), Funded by United States Department of Agriculture (USDA) <p>Year: Jan. 2012 to Jan 2015</p> <p>Location: Pakistan</p> <p>Position Held: Research Assistant</p> <p>Activities Performed: Performed following duties:</p> <p>Designing and installation of rooftop rainwater harvesting, designing of drip irrigation system through gravity and using an electric pump. Installation and evolution of solar panel. Water channel survey using dumpy level, construction of check dams, erosion control structures, calculation of sedimentation and runoff through micro-catchments, installation and working of automatic rain gauge , analysis of runoff and water flow data acquired through automatic water level recorder, tensiometer-based irrigation systems, surveying and rehabilitation of runoff ponds and construction of spillways, tunnel farming practices, collection and processing of runoff data trough flume and collection of rainfall data for different sites. Management and demonstration of farmer's field days. Demonstration of field activities to the local trainee and national NGOs participants.</p> <p>Sub-Projects</p> <ul style="list-style-type: none"> • Small scale eco-sanitation design for twenty households • Small scale storm water management pre-school area design • The Effect of Phosphorus as a Limiting Factor on Algae Growth <p>Kristianstad University, Sweden</p> <ul style="list-style-type: none"> • GIS mini project on "3D Modelling of Punjab university new campus Lahore using "Arc GIS 9.2". • Worked at Microsoft access and designed the database, basic rules and implementation for academic purpose <p>University of The Punjab, Pakistan</p>	
<p>Computer Skills</p> <ul style="list-style-type: none"> • Installation & repairing of MS Windows • MS Office • Internet Surfing • Installation & working on Arc GIS 9.2 and 9.3 • Eras Imagine 9.1 	

- the database management system

Social Activities

- Cooking, travelling and kitchen gardening.
- Playing cricket and participating tournaments.
- Internet Surfing

LANGUAGES

English
Urdu

:

Reading
Excellent
Excellent

Writing
Excellent
Excellent

Speaking
Excellent
Excellent

References may be furnished on demand.

