

# SAADAT KHAN LUGHMANI

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*Being an avid admirer of nature, I acquired education in Environmental Science in order to develop a career around my passion. I have studied courses like Hydrology, Occupational Health And Safety, Waste Water Treatment, Natural Resource Management, Research Methodology, Pollution Control Technology (PCT), Climate Change, Watershed Management, Soil Sciences, Sociology, Environment And Health, and Environmental Impact Assessment (EIA) in BS Environmental Science.*

## EDUCATION

**COMSATS Institute of Information and Technology**

**Abbottabad, Pakistan**

**BS Environmental Science**

**(2016)**

- Did my final project on iodine determination in soil of selected areas in relation with soil physiochemical properties
- Worked voluntarily on many projects in university including (Change In Water Quality Of Kakul Village Due To Excessive Mining)

## EMPLOYMENT HISTORY

• **Pakistan Environmental Protection Agency, Islamabad**

**Sep 2017- Continued**

(Research Associate)

- Conducted site inspections, EIA monitoring, attended several Public hearings prepare written reports, worked on field for air monitoring and water analysis,
- Worked in laboratory for water testing and microbial testing in water Working in a WHO project on E-Coli Coliform in water of selected areas.
- Learned all basic parameters to check water quality.
- Worked in Air Monitoring Mobile Lab.

• **World Wide Fund for Nature (WWF), Nathiagali**

**Dec 2016 – Feb 2017**

(Research Associate)

- Designed a case study on Spring Protection and development around Ayubia National Park (January 2009 to June 2016)  
Used GPS and GIS technology for this study.

• **Environmental Protection Agency (EPA), Regional Office Abbottabad**

**Sep 2016-Dec 2016**

(Intern)

- Conducted site inspections for quality assurance at poultry farms, mining sites, hospitals around Abbottabad, prepared reports and attended Public hearings.

• **Life Savers Organization (LSO), Abbottabad**

**July 2016-Sep 2016**

(Intern)

## PROFESSIONAL PORTFOLIO

- *Attended 4-day workshop on “Environment and GIS” organized by Institute of Space Technology (IST), Islamabad.*
- *Attended 5-day training on “Environmental Issues and Local Community Role” organized by Environmental Conservation Organization (ECO), Islamabad.*
- *Participated in a 5-day training on “Solid Waste Management and Local Practices” organized by WWF-Nathiagali, Pakistan.*
- *Attended one day seminar on “GIS Monitoring of Carbon Emissions in Islamabad”, Islamabad, Pakistan*

## SKILLS

- *Easily conduct need based surveys*
- *Know Solid waste management techniques on community level and water shed management techniques.*
- *Proficient in computer especially working in Windows based environment i.e. MS Office. I am techno profile and can handle and understand new software with little effort.*
- *I have a basic knowledge about GIS software ( ArcMap).*
- *Ability to draft clearly and concisely on technical issues with creative expressions*
- *Have the will and aptitude to work under pressure of deadlines*
- *Ability to work in a multicultural and multi-ethnic environment*
- *Ability to undertake frequents field visits*
- *Have strong communication skills along with exposure to the wide variety of communities*
- *Ability for analytical, independent work in an organized manner*
- *Ability to conduct laboratory analysis tests regarding air, water and soil.*
- *Can operate analytical instruments*
- *Ability to review and research reports*
- *Report writing skills*

## LANGUAGES

*Urdu, English, Hindko, Punjabi.*