



QAYOOM ALI SHAH

Energy and Environmental Engineer / Field Officer

About Me

With a Bachelor of Engineering degree in Energy and Environmental Engineering, I'm passionate about creating Eco-friendly solutions to global energy challenges. My goal is to contribute to a cleaner, greener future by applying scientific principles and cutting-edge technology. I plan to explore renewable energy technologies, Waste Management approaches, Environmental Impact Assessments and Sustainable Development Goals.



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House# 412 Block-05 Jiwani Heights Sector 17B Scheme 33 Main superhighway Karachi, Pakistan

Place Of Birth Sost, Gojal Hunza

Nationality Pakistani

Language

- English (Fluent)
- Urdu (Fluent)
- Wakhi (Fluent)

Hobbies

- Volunteering
- Environmental Advocacy
- Scientific Research
- Zero-Waste Lifestyle

Experience

- Field Officer**
National Environmental Services and Consultants NESC (2023 – 2024)
- Environmental Engineer**
National Environmental Services and Consultants NESC (2023 – 2024)
- Pakistan Meteorological Department PMD Karachi** (Dec 2022 – Jan 2023)
INTERN
 - Institute of meteorology and Geology (IMG)
 - Weather Forecasting Centre (WFC)
 - Seismic Monitoring Centre (SMC)
 - Specialised Medium Range Weather Forecasting Centre (SMRWFC)
- HSE program Institution of Occupational Safety and Health (IOSH) at Grow Safe** (Feb 2022 – Mar 2022)

Project

- My project was based on Bioenergy. The aim was to provide a versatile method to produce methane from organic wastes using a BMP reactor
TITLE: Production of Bio-methane from High-Solid Anaerobic Co-Digestion of OFMSW with cattle manure.
Jan 2023- Aug 2023

Education

- Dawood University of Engineering and Technology (DUET)**
BE Energy and Environmental Engineering (Dec 2019 - Dec 2023)
- Aga Khan Higher Secondary School Karimabad, Karachi (AKHSS)**
Intermediate /Pre-engineering (Aug 2017 - Aug 2019)

Achievement

- Position holder interdepartmental postal completion entailing Solid Waste mamangement.**
Title: Soft plastic waste and its recycling strategies.
- Mapping of Water and Fresh water bodies in Sindh province using ARCGIS 2.0 (Complex Engineering Problem)**
- Urban Environmental Sustainability and Human Health Training (Sindh Community Foundation)**

Skills

- GIS ArcGIS Version 2.0, Google Earth Editing (practice)**
- Life-Cycle Assessment (LCA) Software (knowledge)**
- Environmental Health and Safety Control (practice)**
- Origin Pro lab and MS office (knowledge + practice)**
- Proficient Content Writer (practice and knowledge)**