## **Muhammad Jawad Hassan**

## Lab Engineer

NUST Institute of Civil Engineering

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#### **About**

Dr. Muhammad Jawad Hassan is working as Lab Engineer in the NUST Institute of Civil Engineering. Dr. Muhammad Jawad Hassan has published 1 research articles & conference papers having a citation count of 2, carried out 4 projects and filed 0 intellectual property.

#### Qualifications

MS in Geotechnical Engineering	2017 - 2021
NUST, Islamabad , Pakistan	
BS in Civil Engineering	2012 - 2016
Sir Syed Institute Of Technology Islamabad , Pakistan	
Experience	
Lab Engineer	2023- Present

Lab Engineer NUST Institute of Civil Engineering

NUST Institute of Civil Engineering

Geotechnical Engineer 2021 - 2022

Sultan Engineering Services, Rawalpindi

2019 - 2020 Geotechnical Engineer ASIAN Consulting Engineers, Lahore

**Geotechnical Engineer** 2016 - 2018 SAFE Services, Lahore

# **Industry Projects**

## **National Projects**

## Geotechnical Consultancy Project for "Soil Investigation for Newly Proposed 132 kV Grid Station Khanpur Under 7th STG

Client: Islamabad Electric Supply Company (IESCO), Pakistan

Amount: PKR 891,000.00 Status: Completed

#### Geotechnical Investigation for Construction of PCC Drain/Nullah Along Sr (West) & (South) Sector D-

12/1-2, Islamabad

Client: Capital Development Authority (CDA), Pakistan

Amount: PKR 324,000.00 Status: Completed

#### Geotechnical Consultancy Project for "Field Density Tests at German Embassy, Islamabad"

Client: DVK Construction Pvt Ltd. Amount: PKR 138,500.00 Status: Completed

## Geotechnical investigation for determination of Bearing capacity of soil bridges at service road (north) sector h-10 and service road (south), Sector h-10, islamabad

Client: Capital Development Authority (CDA), Pakistan

Amount: PKR 1,000,000.00 Status: Completed

**International Projects** 

2022

2022 - 2023

2022

2022

2022

# **Research Articles**

# PET Waste Management in Pakistan Through use of PET Shreds as Additive in Backfill Soil

Fawad Sheikh Badee Alshameri Zain Maqsood Abbas Haider Jawad Hassan Environmental Monitoring and Assessment, Volume 195, Article Number 1239

 $\label{lem:mact} \begin{tabular}{ll} \textbf{Impact Factor: } 3.0 & | \textbf{Quartile: } 3 & | \textbf{Citations: } 2 \\ \textbf{DOI: } & \text{https://doi.org/10.1007/s10661-023-11832-3} \\ \end{tabular}$ 

2023