Badee Abdulqawi Hamood Al-Shameri

Associate Professor

NUST Institute of Civil Engineering

Email: b.alshameri@nice.nust.edu.pk
Contact:
LinkedIn: https://www.linkedin.com/in/badee-alshameri-10291128a/

About

Dr. Badee Abdulqawi Hamood Al-Shameri is working as Associate Professor in the NUST Institute of Civil Engineering. Dr. Badee Abdulqawi Hamood Al-Shameri has a PhD in Geotechnical Engineering. Dr. Badee Abdulqawi Hamood Al-Shameri has published 45 research articles & conference papers having a citation count of 414, carried out 37 projects and filed 1 intellectual property.

Qualifications

PhD in Geotechnical Engineering 2013 - 2017
Universiti Tun Hussein Onn Malaysia , Malaysia

MS in Geotechnical Engineering 2008 - 2011
Universiti Teknologi Malaysia , Malaysia

BS in Earth Science 1995 - 1999
Sana'a University , Yemen

Experience

Associate Professor 2024- Present
NUST Institute of Civil Engineering

Assistant Professor of Practice 2023 - 2024
NUST Institute of Civil Engineering

Regular Visiting Faculty 2023 - 2023
NUST Institute of Civil Engineering

Regular Visiting Faculty 2019 - 2023
NUST Institute of Civil Engineering

Associate Professor, Head of Geotechnical Engineering Department 2024 - 2025
National University of Sciences and Technology (NUST) , H-12, Islamabad, Pakistan

Head of Geotechnical Engineering Department 2019 - 2024
National University of Sciences and Technology (NUST) , H-12, Islamabad, Pakistan

Regular Visiting Faculty 2019 - 2019
National University of Sciences and Technology (NUST) , H-12, Islamabad, Pakistan

Consultant & Trainer 2017 - 2018
Eduglobe Malaysia Sdn. Bhd. , 7D, 4th Floor, Wisma Ampang Triangle 1, Jalan Mamanda 7/1, 68000, Ampang, Selangor, Malaysia

Geotechnical Engineer 2011 - 2017
Yemen Company for Investment in Oil and Minerals - YICOM , Khoor Maksar, behind Post Office Building, Aden, Yemen. P.O.Box: 6113

Head of Civil Engineering Depa 2011 - 2012
Ibn Seena'a International University for Science and Technology , Alwehddah area, Sana'a, Republic of Yemen

Teacher 2000 - 2007
Ministry of Education , Mahwit, Republic of Yemen

Awards

Alumni Expert 2024
Appointed as a Universiti Tun Hussein Onn Malaysia (UTHM) Alumni Expert in November 2024

School Best Teacher Award 2024
School Best Teacher Award during calendar year 2023

School Best Researcher Award 2024
School Best Researcher Award during calendar year 2023

NUST Top Performance Award 2024
NUST Top Performance Award during calendar year 2023

School Best Innovator Award 2024
School Best Innovator Award during calendar year 2022

NUST Top Performance Award 2022
NUST Top Performance Award during calendar year 2021

Maximum Number of Funded Projects 2020 2022
Maximum Number of Funded Projects during calendar years 2019 & 2020

Recognized as HEC Approved PhD Supervisor in the discipline of Engineering & Technology 2021
Recognized as HEC Approved PhD Supervisor in the discipline of Engineering & Technology

Three Stars Publication Award 2017
Three Stars Publication Award, Centre for Graduate Studies, UTHM, Malaysia, [2017]

Malaysian Technical Cooperation Programme (MTCP) Scholarship 2014
Awarded Malaysian Technical Cooperation Programme (MTCP) Scholarship, Ministry of Higher Education Malaysia

PhD Scholarship to Malaysia 2012
Awarded PhD Scholarship to Malaysia, Ministry of Higher Education Yemen, [2013]

Master Scholarship to Malaysia 2007
Awarded Master Scholarship to Malaysia, Ministry of Higher Education Yemen, [2008]

Professional Memberships

MBOT Since 2019

IEM Since 2018

MGS Since 2018

ASCE Since 2015

GSM Since 2015

Research Projects

National Projects

Time-Dependent Mechanical Behavior of New Type of Light Weight Cemented Granular Geomaterials (CGG) 2022
Funding Agency: HEC
Amount: PKR 11,580,000.00
Status: Approved_inprocess

Effect of Creep, temperature and loading cycling of soil geomembrane interface shear strength 2022
Funding Agency: HEC
Amount: PKR 15,765,000.00
Status: Approved_inprocess

International Projects

Industry Projects

National Projects

Implement a shallow seismic survey at Balakot Project, Mansehra District, Khyber Pakhtunkhwa 2024

Client: BK Consultants (PVT) Lt
Amount: PKR 90,000.00
Status: Completed

Geotechnical Consultancy Project for “Geotechnical Investigations for HEC Secretariat Building at HEC H-8 Premises, Islamabad” 2024

Client: NESPAK
Amount: PKR 764,900.00
Status: Completed

Geotechnical Consultancy Project for “Preliminary Geotechnical Investigation for NCLS College at NUST H-12, Islamabad" 2024

Client: Project Management Office (PMO) NUST, Pakistan
Amount: PKR 808,000.00
Status: Completed

Geotechnical Consultancy for Construction of Box Culverts at C-14, Islamabad 2024

Client: Capital Development Authority (CDA), Pakistan
Amount: PKR 1,948,000.00
Status: Completed

Geotechnical Consultancy Project for “Field Density Tests at German Embassy, Islamabad. 2023

Client: DVK Construction Pvt Ltd
Amount: PKR 208,500.00
Status: Completed

Geotechnical Consultancy for Design of Foundation for Upgradation of NCRD Complex, Phase-III, at Chak Shahzad, Islamabad 2024

Client: Pakistan Public Works Department (PWD)
Amount: PKR 646,000.00
Status: Completed

Geotechnical Consultancy Project for “Geotechnical Investigation for Newly Proposed 132 KV Grid Station at Cabinet Division Employees Cooperative Housing Society, Islamabad” 2023

Client: Islamabad Electric Supply Company (IESCO), Pakistan
Amount: PKR 688,010.00
Status: Completed

Geotechnical Consultancy Project for “Geotechnical Investigation for Construction of BOQs (Male) (Adjacent to Under Construction Male BOQ building)” 2023

Client: Project Management Office (PMO) NUST, Pakistan
Amount: PKR 411,200.00
Status: Completed

Geotechnical Consultancy for Construction of 132 KV Grid Station at Shakrial, Rawalpindi 2023

Client: Islamabad Electric Supply Company (IESCO), Pakistan
Amount: PKR 648,000.00
Status: Completed

Geotechnical Consultancy for Design of Foundation for Transmission Tower at 132 KV, CHAKSAWARI, MIRPUR 2023

Client: Islamabad Electric Supply Company (IESCO), Pakistan
Amount: PKR 800,000.00
Status: Completed

Geotechnical Consultancy for Construction of 132 KV Grid Station at EMAAR Housing Society, Islamabad 2023

Client: Islamabad Electric Supply Company (IESCO), Pakistan
Amount: PKR 851,000.00
Status: Completed

Geotechnical Consultancy Project for “Soil Investigation for Newly Proposed 132 kV Grid Station Khanpur Under 7th STG 2022

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 2022

Client: Capital Development Authority (CDA), Pakistan
Amount: PKR 324,000.00
Status: Completed

Geotechnical Consultancy Project for "Field Density Tests at German Embassy, Islamabad" 2022
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 2022
Client: Capital Development Authority (CDA), Pakistan
Amount: PKR 1,000,000.00
Status: Completed

Geotechnical Consultancy for Construction of 132 KV Grid Station at Rewat Industrial Area - Rawat 2022
Client: IESCO Islamabad
Amount: PKR N/A
Status: Completed

Geotechnical Consultancy – Third Party Evaluation for Field Density Test and Compaction Test at German Embassy, Islamabad 2022
Client: dvk Engineering, Procurement, Construction
Amount: PKR 172,500.00
Status: Completed

Soil Investigation for Construction of 2 × NG-Staff Apartments at NUST H-12 Sector, Islamabad 2022
Client: Project Management Office (PMO) NUST, Pakistan
Amount: PKR 887,000.00
Status: Completed

Soil Investigation for Construction of Boys Hostel at NUST H-12 Sector, Islamabad 2022
Client: Project Management Office (PMO) NUST, Pakistan
Amount: PKR 1,130,000.00
Status: Completed

Soil Investigation for Construction of Girls Hostel at NUST H-12 Sector, Islamabad 2022
Client: Project Management Office (PMO) NUST, Pakistan
Amount: PKR 1,110,000.00
Status: Completed

Geotechnical Consultancy Project for "Soil Investigation of Construction of Access Road from Kuri Road Leading to the Plots Allotted to Special Technology Zone (STZ) Chak Shahzad, Islamabad 2021
Client: Capital Development Authority (CDA), Pakistan
Amount: PKR 646,400.00
Status: Completed

Soil Investigation of CONSTRUCTION OF CELL BOX CULVERTS IN SECTOR C-15, ISLAMABAD 2021
Client: Capital Development Authority (CDA), Pakistan
Amount: PKR 805,000.00
Status: Completed

Geotechnical Consultancy for Construction of Panahgah's for Pakistan Baitul Maal at Tarlali Kalan and Tarnol Islamabad 2021
Client: Pakistan Public Works Department (Pak PWD)
Amount: PKR 911,600.00
Status: Completed

Geotechnical Consultancy for Construction of Cell Box Culverts at Sector I-12, Islamabad 2021
Client: Sector Development Division-I of Capital Development Authority (CDA) Islamabad
Amount: PKR 991,500.00
Status: Completed

Geotechnical Consultancy – Third Party Evaluation for Compaction Test with Light Weight Drop Plate at German Embassy, Islamabad 2021
Client: Qavi Engineers (Pvt.) Ltd

Amount: PKR 150,000.00
Status: Completed

Geotechnical Consultancy for Construction of National Academy of Public Accounts and Finance, Islamabad 2021
Client: Development Consultancy Services (Pvt.) Ltd
Amount: PKR 522,750.00
Status: Completed

Geotechnical Consultancy for "Soil Investigation of Newly Proposed 132 KV Grid Station DHA Phase-1V, Rawalpindi" 2021
Client: Islamabad Electric Supply Company (IESCO, Pakistan
Amount: PKR 835,600.00
Status: Completed

Geotechnical Consultancy for Construction of CIPS-II at NUST H-12 Campus, Islamabad 2021
Client: Project Management Office (PMO) NUST, Pakistan
Amount: PKR 381,600.00
Status: Completed

Geotechnical Consultancy for Flyover-Infrastructure Development of Sector-D at PN Farms Islamabad 2021
Client: Anchor Development and Construction Company (ADCC) (Pvt.) Ltd., Pakistan
Amount: PKR 249,700.00
Status: Completed

Geotechnical Consultancy for Construction of Covered Car Parking at FBR Head Quarter Islamabad 2021
Client: Pakistan Public Works Department, Pakistan
Amount: PKR 259,463.00
Status: Completed

Geotechnical Consultancy for Construction of 132 KV Grid Station at I-11 Islamabad 2021
Client: Islamabad Electric Supply Company (IESCO, Pakistan
Amount: PKR 776,002.00
Status: Completed

Geotechnical Consultancy for Construction of NUST Interdisciplinary Cluster for Higher Education (NICHE) at NUST H-12 Campus, Islamabad 2021
Client: Project Management Office (PMO) NUST, Pakistan
Amount: PKR 302,000.00
Status: Completed

Geotechnical Consultancy for Construction of 3 Cell Box Culverts at I-11/2 Islamabad 2021
Client: Capital Development Authority (CDA), Pakistan
Amount: PKR 359,400.00
Status: Completed

Geotechnical Consultancy for Construction of 33 KV Grid Station at SAHAAR Mirpur, AJK 2021
Client: Islamabad Electric Supply Company (IESCO), Pakistan
Amount: PKR 761,400.00
Status: Completed

Geotechnical Consultancy for Soil Investigation using Pressuremeter Testing at DHA Phase-V Islamabad 2021
Client: Universal Drilling Engineers, Lahore
Amount: PKR 391,000.00
Status: Completed

International Projects

Research Articles

Sustainable fill solutions: recycling EPS waste in shredded EPS-clayed soil composites for improved mechanical and compaction behaviour 2025

Muhammad Haseeb Zain Maqsood Muhammad Baqir Sofia Sarwar Badee Abdulqawi Hamood Al-Shameri Waqas Hassan Abbas Haider Lin Wenli Mehtab Alam Jiren Xie Liu Ang Muhammad Umar

Transportation Geotechnics , Volume:54, ID:101614

Impact Factor: 5.5 | **Quartile:** 1
DOI: https://doi.org/10.1016/j.trgeo.2025.101614

Data-Driven Approach to Enhance Deep Foundation Safety: Reliable Methods for Predicting Bored Pile Capacity 2025

Usman Hasan Jalali Badee Abdulqawi Hamood Al-Shameri Muhammad Hamza Khalid Waqas Hassan Lokmane Abdeldjouad Syed Muhammad Jamil Syed Hassan Farooq Zain Maqsood

International Journal of Geo-Engineering, Volume 16, Article Number 16

Impact Factor: 7.100 | **Quartile:** 1

DOI: https://doi.org/10.1186/s40703-025-00247-3

Evaluating the Impact of Various Tensile Strengths of Non-Woven Geotextiles on Subgrade CBR Enhancement: An Experimental Approach. 2025

Muhammad Attique Shah Hassan Badee Abdulqawi Hamood Al-Shameri Waqas Hassan Sufyan Ghani Abdullah Ansari

International Journal of Pavement Research and Technology, Pages 1-18

Impact Factor: 2.500 | **Quartile:** 2

DOI: https://doi.org/10.1007/s42947-025-00592-7

Application of multiple machine learning algorithms for intelligent prediction of the strength of fine-grained natural soils 2025

Muhammad Shahroz Khalid Zia ur Rehman Badee Abdulqawi Hamood Al-Shameri Zain Maqsood Fazal Hussain Muhammad Irslan Khalid Syed Jamal Arbi Abbas Haider

Arabian Journal of Geosciences, Volume 18, Article Number 115

Impact Factor: N/A

DOI: https://doi.org/10.1007/s12517-025-12236-y

A novel numerical approach for the assessment of the seepage failure, predictive modelling of seepage through non-homogenous earth-fill dams resting on pervious foundations using artificial neural networks 2025

Muhammad Zeeshan Khursheed Badee Abdulqawi Hamood Al-Shameri Waqas Hassan Lokmane Abdeldjouad

Modeling Earth Systems and Environment, Volume 11, Issue 1, Article Number 64

Impact Factor: 2.700 | **Quartile:** 3 | **Citations:** 1

DOI: https://doi.org/10.1007/s40808-024-02227-5

Geospatial Intelligence in Geotechnical Engineering: A Comprehensive Investigation into SPT-N, Soil Types, and Undrained Shear Strength for Enhanced Site Characterization 2024

Waqas Hassan Muhammad Qasim Badee Abdulqawi Hamood Al-Shameri Arfan Shahzad Muhammad Hamza Khalid Sana Ullah Qamar

Bulletin of Engineering Geology and the Environment, Volume 83, Article Number 380

Impact Factor: 3.700 | **Quartile:** 1 | **Citations:** 11

DOI: https://doi.org/10.1007/s10064-024-03884-7

Predictive Modeling of Atterberg's Limits of Soil passing through Sieve #40 and #200 using Artificial Neural Networks and Multivariate Regression: Advancing Sustainable Construction Practices 2024

Sana Ullah Qamar Badee Alshameri Waqas Hassan Zain Maqsood Abbas Haider

Multiscale and Multidisciplinary Modeling, Experiments and Design, Pages 1-19

Impact Factor: 1.900 | **Quartile:** 2 | **Citations:** 3

DOI: https://doi.org/10.1007/s41939-024-00560-x

Predictive Modelling of Cohesion and Friction Angle of Soil using Gene Expression Programming: A Step Towards Smart and Sustainable Construction 2024

Muhammad Naqeeb Nawaz Badee Alshameri Zain Maqsood Waqas Hassan

Neural Computing and Applications, Pages 1-22

Impact Factor: 6.000 | **Quartile:** 2 | **Citations:** 18

DOI: https://doi.org/10.1007/s00521-024-09626-w

Comparison of Seepage Evaluation Methods for Earth-Filled Embankments: A Case Study of Sukian Dyke, Mangla Dam 2023

Muhammad Hamza Khalid Tanzeela Yasmin Badee Alshameri Syed Muhammad Jamil Waqas Hassan

Modeling Earth Systems and Environment, Pages 1-14

Impact Factor: 2.700 | **Quartile:** 3

DOI: https://doi.org/10.1007/s40808-023-01905-0.

An innovative application of fine marble dust for the construction industry to mitigate the piping, internal erosion and dispersion problems of sodium-rich clays 2023

Waqas Hassan Badee Alshameri Zain Maqsood Abbas Haider Syed Muhammad Jamil Hassan Mujtaba

Construction and Building materials, Volume 408, Article Number 133834

Impact Factor: 7.4 | **Quartile:** 1 | **Citations:** 16

DOI: https://doi.org/10.1016/j.conbuildmat.2023.133834

A novel technique for the construction industry to mitigate dispersibility and internal erosion problems of Sodium rich clays by using Water-Soluble Potassium Rich Ions Material 2023

Waqas Hassan Badee Abdulqawi Hamood Al-Shameri Abbas Haider Zain Maqsood Syed Muhammad Jamil Arfan Shahzad

Construction and Building Materials, Volume 400, Article Number 132780

Impact Factor: 7.4 | **Quartile:** 1 | **Citations:** 16

DOI: https://doi.org/10.1016/j.conbuildmat.2023.132780

Incorporating potassium-rich waste material in a sustainable way to stabilize dispersive clay: A novel practical approach for the construction industry 2023

Waqas Hassan Badee Abdulqawi Hamood Al-Shameri Syed Muhammad Jamil Zain Maqsood Abbas Haider Arfan Shahzad

Construction and Building Materials, Volume 400, Article Number 132717

Impact Factor: 7.4 | **Quartile:** 1 | **Citations:** 26

DOI: https://doi.org/10.1016/j.conbuildmat.2023.132717

Investigate and Analysis the Efficiency of Existing Recommendations of Near-Field Effect and Boundary conditions on Bender Element Technique 2023

Badee Alshameri

Pure and Applied Geophysics, Pages 1-17

Impact Factor: 2.00 | **Quartile:** 3 | **Citations:** 4

DOI: https://doi.org/10.1007/s00024-023-03347-2

PET Waste Management in Pakistan Through use of PET Shreds as Additive in Backfill Soil 2023

Fawad Sheikh Badee Alshameri Zain Maqsood Abbas Haider Jawad Hassan

Environmental Monitoring and Assessment, Volume 195, Article Number 1239

Impact Factor: 3.0 | **Quartile:** 3 | **Citations:** 2

DOI: https://doi.org/10.1007/s10661-023-11832-3

Sustainable incorporation of Plaster of Paris kiln dust for stabilization of dispersive soil: A potential solution for construction industry 2023

Bushra Fatima Badee Abdulqawi Hamood Al-Shameri Waqas Hassan Zain Maqsood S. Muhammad Jamil Aziman Madun

Construction and Building Materials, Volume 397, Article Number 132459

Impact Factor: 7.4 | **Quartile:** 1 | **Citations:** 29

DOI: https://doi.org/10.1016/j.conbuildmat.2023.132459

Determination of Ground Motion Parameters of Urban Centers of Balochistan Province 2023

Usama Abid Abbas Haider Badee Alshameri Zia ur Rehman Abdul Jabbar Khan Nasir Mahmood Shah Hassan

Soil Dynamics and Earthquake Engineering, Volume 175, Article Number 108221

Impact Factor: 4.0 | **Quartile:** 1 | **Citations:** 2

DOI: 10.1016/j.soildyn.2023.108221

Normalization of geotechnical sustainability assessment tool (Geo-SAT) using multiple criteria decision analysis for dams 2023

Kainat Batool Badee Alshameri Faisal Raza Abbas Haider Majid Ali

Environment, Development and Sustainability

Impact Factor: 4.9 | **Quartile:** 2 | **Citations:** 1

DOI: 10.1007/s10668-023-03442-3

Experimental Investigation of Mechanical Behavior of Geosynthetics in Different Soil Plasticity Indexes 2023

Waqas Hassan Khalid Farooq Hassan Mujtaba Badee Abdulqawi Hamood Al-Shameri Arfan Shahzad Muhammad Naqeeb Nawaz Marc Azab

Transportation Geotechnics, Volume 39, Article Number 100935

Impact Factor: 4.938 | **Quartile:** 1 | **Citations:** 26

DOI: https://doi.org/10.1016/j.trgeo.2023.100935

Statistical interpolation and spatial mapping of geotechnical soil parameters of District Sargodha, Pakistan 2023

Waqas Hassan Muhammad Fazal Raza Badee Abdulqawi Hamood Al-Shameri Arfan Shahzad Muhammad Hamza Khalid Muhammad Naqeeb Nawaz

Bulletin of Engineering Geology and the Environment, Volume 82, Issue 1, Article Number 37

Impact Factor: 4.130 | **Quartile:** 2 | **Citations:** 33

DOI: 10.1007/s10064-022-03059-2

Geospatial and statistical interpolation of geotechnical data for modeling zonation maps of Islamabad, Pakistan 2022

Waqas Hassan Badee Abdulqawi Hamood Al-Shameri Muhammad Naqeeb Nawaz Zain Ijaz Muhammad Qasim

Environmental Earth Sciences, Volume 81, Issue 24, Article Number 547

Impact Factor: 3.119 | **Quartile:** 2 | **Citations:** 40

DOI: https://doi.org/10.1007/s12665-022-10669-2

Experimental study on shear strength behavior and numerical study on geosynthetic-reinforced cohesive soil slope 2022

Waqas Hassan Badee Alshameri Muhammad Naqeeb Nawaz Sana Ullah Qamar

Innovative Infrastructure Solutions , Volume 7, Issue 6, Article Number 349

Impact Factor: 0 | **Citations:** 23

DOI: 10.1007/s41062-022-00945-2

A robust prediction model for evaluation of plastic limit based on sieve # 200 passing material using gene expression programming 2022

Muhammad Naqeeb Nawaz Sana Ullah Qamar Badee Alshameri Muhammad Muneeb Nawaz Waqas Hassan Tariq Ahmed Awan

PLoS ONE , Volume 17(10), Article Number e0275524

Impact Factor: 3.752 | **Quartile:** 2 | **Citations:** 20

DOI: 10.1371/journal.pone.0275524

The Study using Machine Learning Approach for Novel Prediction Model of Liquid Limit 2022

Muhammad Naqeeb Nawaz Sana Ullah Qamar Badee Alshameri Steve Karam Merve Kayacı Çodur Muhammad Muneeb Nawaz Malik Sarmad Riaz Marc Azab

Buildings , Volume 12, Issue 10, Article Number 1551

Impact Factor: 3.324 | **Quartile:** 2 | **Citations:** 19

DOI: 10.3390/buildings12101551

Effect of Multiwalled Carbon Nanotubes (MWCNTs) on Mechanical Properties of Gypsum-treated Soil 2022

Bilawal Hussain Faisal Raza Badee Alshameri Muhammad Hamza Khalid

International Journal of Geosynthetics and Ground Engineering, Volume 8, Article Number: 60

Impact Factor: N/A | **Citations:** 6

DOI: 10.1007/s40891-022-00408-9

Assessment of the bender element sensors to measure seismic wave velocity of soils in the physical model 2022

Badee Abdulqawi Hamood Al-Shameri

Open Geosciences, Volume 14, Issues 1, Pages 691-705

Impact Factor: 1.467 | **Quartile:** 4 | **Citations:** 2

DOI: 10.1515/geo-2022-0384

Prediction the shear strength and shear modulus of sand-clay mixture using bender element 2022

Badee Alshameri

Journal of Applied Engineering Science, Volume 20, Issue 1, Pages 168-176

Impact Factor: 0 | **Citations:** 5

DOI: doi.org/10.5937/jaes0-30619

Effect of Coarse Content on Compaction Test 2022

Badee Alshameri

Civil Engineering Beyond Limits , Volume 3, Issue 1, Article Number 1506

Impact Factor: N/A

DOI: https://doi.org/10.36937/cebel.2021.1506

Analysis of Gabion Retaining Wall Using Analytical and Numerical modelling with Plaxis 2D 2021

Ahmad Ayyub Badee Alshameri Syed Muhammad Jamil Muhammad Naqeeb Nawaz

University of Wah Journal of Science and Technology, Volume 5, Issue 1, Pages 12-19

Impact Factor: N/A

DOI: https://www.uwjst.org.pk/index.php/uwjst/article/view/65

The Influence of Mineralogy Towards Electrical Resistivity Value and Cation Exchange Capacity 2021

Badee Alshameri Mohammad Izzat Shaffiq Azmi Ahmad Khairul Abd Malik Aziman Madun Faizal Pakir

Journal of Sustainable Underground Exploration, Volume 1, Issue 1, Pages 52-57

Impact Factor: N/A

DOI: https://doi.org/10.30880/jsue.2021.01.01.008

Assessment of Tube Well Pumping Test Performance on Different Geological Formation 2021

Badee Alshameri Muhd Syamir Sobri Ahmad Khairul Abd Malik Mohd Firdaus Md Dan Hamzah Hussin

Journal of Sustainable Underground Exploration, Volume 1(1), Pages 25-31

Impact Factor: N/A

DOI: https://doi.org/10.30880/jsue.2021.01.01.004

Comparative study of various interpretative methods of the pile load test 2021

Badee Abdulqawi Hamood Al-Shameri Ahrar Mahmood Muhammad Hamza Khalid Syed Muhammad Jamil

Innovative Infrastructure Solutions , Volume 7, Article Number 102

Impact Factor: N/A | **Citations:** 7

DOI: https://doi.org/10.1007/s41062-021-00697-5

Experimental and Numerical Modeling of Bearing Capacity of Foundations on Soft Clay Stabilized with Granular Material 2021

Badee Alshameri Zahra Bashir Malik Syed Muhammad Jamil Daanyal Umar

International Journal of Geosynthetics and Ground Engineering, Volume 7, Article Number 91

Impact Factor: - | **Citations:** 9

DOI: https://doi.org/10.1007/s40891-021-00334-2

Prediction of California Bearing Ratio (CBR) Using Index Soil Properties and Compaction Parameters of Low Plastic Fine-Grained Soil 2021

Jawad Hassan Badee Abdulqawi Hamood Al-Shameri Faizan Iqbal

Transportation Infrastructure Geotechnology , Pages 1-13

Impact Factor: 0 | **Citations:** 19

DOI: 10.1007/s40515-021-00197-0

Determination of safe depth and lateral distance of unsupported excavation near mat foundation in cohesive soils using plaxis 2021

Muhammad Hamza Khalid Badee Alshameri

Journal of Applied Science and Engineering, Volume 25 (2), Pages 249-260

Impact Factor: 0 | **Citations:** 3

DOI: 10.6180/jase.202204_25(2).0011

Application of Kriging for Development of SPT N-Value Contour Maps and USCS Based Soil Type Qualitative Contour Maps for Islamabad, Pakistan 2021

Muhammad Hamza Khalid Badee Alshameri Usama Abid

Environmental Earth Sciences , Volume 80, Issue 11, Article Number 413

Impact Factor: 3.119 | **Quartile:** 2 | **Citations:** 16

DOI: https://doi.org/10.1007/s12665-021-09720-5

Assessment of triple bottom line of sustainability for geotechnical projects 2021

Faisal Raza Badee Alshameri Syed Muhammad Jamil

Environment, Development and Sustainability , Volume 23, Pages 4521-4558

Impact Factor: 4.080 | **Quartile:** 2 | **Citations:** 21

DOI: https://doi.org/10.1007/s10668-020-00786-y

Maximum dry density of Sand-Kaolin Mixtures Predicted by using Fine Content and Specific Gravity 2020

Badee Alshameri

SN Applied Sciences , Volume 2, issue 10, Article Number 1693

Impact Factor: - | **Citations:** 19

DOI: 10.1007/s42452-020-03481-9

Engineering Aspect of Sustainability Assessment for Geotechnical Projects 2020

Faisal Raza Badee Alshameri Syed Muhammad Jamil

Environment, Development and Sustainability , Pages 1-36

Impact Factor: 3.219 | **Quartile:** 3 | **Citations:** 7

DOI: 10.1007/s10668-020-00876-x

Comprehensive Correlations Between the Geotechnical and Seismic Data Conducted via Bender Element 2019

Badee Alshameri Aziman Madun

Geotechnical and Geological Engineering , Volume 37, Issue 6, pp 5077–5095

Impact Factor: 0 | **Citations:** 10

DOI: 10.1007/s10706-019-00963-5

Assessment on the Effect of Fine Content and Moisture Content Towards Shear Strength 2017

Badee Alshameri Aziman Madun Ismail Bakar

Geotechnical Engineering , Volume 48, Issue 4, Pages 76-86

Impact Factor: 0

DOI: http://seags.ait.asia/journals/2017/48-4-december/28330-assessment-on-the-effect-of-fine-content-and-moisture-content-towards-shear-strength/

Comparison of the Effect of Fine Content and Density towards the Shear Strength Parameters 2017

Badee Alshameri Aziman Madun Ismail Bakar

Geotechnical Engineering , Volume 48, Issue 2, Pages 104-110

Impact Factor: 0

DOI: -

Effect of Sensor Rotation on Assessment of Bender Element Apparatus 2015

Badee Alshameri Aziman Madun Ismail Bakar Edy Mohamad

Jurnal Teknologi , Vol.77(11), Pages 51–57

Impact Factor: 0

Effect of Alignment on the Quality of Bender Element Procedure 2015

Badee Alshameri Ismail Bakar Aziman Madun Edy Mohamadd

Jurnal Teknologi , Vol.76(2), Pages 73-80

Impact Factor: 0

Shear strength behaviour for older alluvium under different moisture content 2011

Badee Alshameri Edy Mohamad Khairul Anuar Rosli Saad

Electronic Journal of Geotechnical Engineering, Vol. 16, Pages 605-617

Impact Factor: 0

Conference Proceedings

Effect of Coarse Materials Percentage in the Shear Strength- 2015

Badee Alshameri Ismail Bakar Aziman Madun Lokmane Abdeldjouad Samsul Dahlan

Soft Soil Engineering International Conference 2015 (SEIC'15), res.country(157,)

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