

Shay Haq

Assistant Professor
NUST Balochistan Campus

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About

Dr. Shay Haq is working as Assistant Professor in the NUST Balochistan Campus. Dr. Shay Haq has a PhD in Geotechnical Engineering. Dr. Shay Haq has published 12 research articles & conference papers having a citation count of 29, carried out 0 projects and filed 0 intellectual property.

Qualifications

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| PhD in Geotechnical Engineering University of Technology Sydney , Australia | 2018 - 2023 |
| M.E in Geotechnical and Earth Resources Engineering Asian Institute of Technology, Thailand , Thailand | 2016 - 2018 |
| BSc in Civil Engineering UET Lahore , Pakistan | 2010 - 2014 |

Experience

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| Assistant Professor NUST Balochistan Campus | 2025- Present |
| Assistant Professor National Institute of Transportation | 2023 - 2023 |
| Junior Engineer National Engineering Services Pakistan (NESPAK) Pvt. Ltd. , 1-C, Block-N, Model Town Extension, Lahore 54700, Pakistan | 2015 - 2016 |

- Mechanistic Investigation of Floating Stone Columns in Differentiated Subsurface Conditions: An Experimental Approach** 2025
Beenish Jehan Khan Mahmood Ahmad Atif Ali Khan Ghulam Yaseen Shay Haq Maaz Osman Bashir Mudthir Bakri Hashem Alyami
ZKG Intenational , Volume 25, Issue 1, Pages 1-25
Impact Factor: 0.100 | **Quartile:** 4
DOI: <https://doi.org/10.63386/618116>
- Predicting Slope Stability Using Tree-Based Classifiers: Comparative Study of J48 and Random Tree Methods** 2025
Mahmood Ahmad Mehran Ullah Wajeeha Qamar Shay Haq Maaz Osman Bashir Khalaf Alla Adam Mohamed Hashem Alyami
ZKG Intenational , Volume 25, Issue 1, Pages 1-20
Impact Factor: 0.200 | **Quartile:** 4
DOI: <https://doi.org/10.63386/617762>
- Improved prediction of soil shear strength using machine learning algorithms: interpretability analysis using SHapley Additive exPlanations** 2025
Mahmood Ahmad Mohammad Al Zubi Hamad Almujiabah Mohanad Muayad Sabri Sabri Jawad Bashir Mustafvi Shay Haq Tariq Ouahbi Abdullah Alzlfawi
Frontiers in Earth Science , Volume:13, Article Number 1542291
Impact Factor: 2.000 | **Quartile:** 3
DOI: <https://doi.org/10.3389/feart.2025.1542291>
- Effect of moisture change on water retention behavior of unsaturated silty soil under loading–unloading conditions** 2025
Syed Kamran Hussain Shah Adnan Anwar Malik Shay Haq Waqar Ahmad Umair Ali Rabia Chaudry
Discover Civil Engineering , Volume 2, Article Number 7
Impact Factor: N/A
DOI: 10.1007/s44290-025-00169-0
- Shear Effects on the Mechanical Behaviour of Internally Unstable Gap-Graded Soils** 2025
Shay Haq Syed Kamran Hussain Shah
Geotechnical and Geological Engineering , Volume 43, Article Number 8
Impact Factor: 1.700 | **Quartile:** 3 | **Citations:** 1
DOI: doi.org/10.1007/s10706-024-03001-1
- Micromechanical Analysis of Internal Instability during Shearing** 2023
Shay Haq Buddhima Indraratna Thanh Trung Nguyen Cholachat Rujikiatkamjorn
International Journal of Geomechanics , Volume 23, Issue 6, Article Number 04023078
Impact Factor: 3.7 | **Quartile:** 3 | **Citations:** 7
DOI: <https://doi.org/10.1061/IJGNAL.GMENG-8250>
- Hydromechanical state of soil fluidisation: a microscale perspective** 2023
Shay Haq Buddhima Indraratna Thanh T. Nguyen Cholachat Rujikiatkamjorn
Acta Geotechnica , Volume 18, Issue 3, Pages 1149-1167
Impact Factor: 5.7 | **Quartile:** 1 | **Citations:** 6
DOI: <https://doi.org/10.1007/s11440-022-01674-7>
- A Numerical Approach to Cyclic Consolidation of Saturated Clays** 2020
Shay Haq Tian Ho Seah Kuo-Chieh Chao Cholachat Rujikiatkamjorn
Geotechnical Engineering , Volume 51, No. 4, Pages 52-60
Impact Factor: N/A
DOI: <http://www.agssea-seags.ait.ac.th/>

Conference Proceedings

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| A Comparative Study on the Performance of CFD/LBM-DEM Coupling in Predicting Soil Fluidization <i>Thanh T. Nguyen Buddhima Indraratna Cholachat Rujikiatkamjorn Shay Haq</i> <i>Geo-Congress 2023</i> , res.country(232,) Citations: N/A DOI: https://doi.org/10.1061/9780784484692.006 | 2023 |
| Particle Scale Modelling of Internal Instability <i>Shay Haq Buddhima Indraratna Cholachat Rujikiatkamjorn Jahanzaib Israr</i> <i>16th International Conference on Geotechnical Engineering</i> , res.country(177,) Citations: N/A DOI: Nil | 2022 |

Editorial Activities

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| Environmental Earth Sciences Reviewed Papers for Journals Impact Factor: 2.8 | 2025 |
| International Journal of Geotechnical Engineering Reviewed Papers for Journals Impact Factor: 2.3 | 2025 |
| Discover Geoscience Reviewed Papers for Journals Impact Factor: N/A | 2025 |
| KSCE Journal of Civil Engineering Reviewed Papers for Journals Impact Factor: 1.9 | 2025 |
| r KSCE Journal of Civil Engineering Reviewed Papers for Journals Impact Factor: 1.9 | 2025 |
| KSCE Journal of Civil Engineering Reviewed Papers for Journals Impact Factor: 1.9 | 2025 |
| KSCE Journal of Civil Engineering Reviewed Papers for Journals Impact Factor: 1.9 | 2025 |
| Journal of Science and Technology Reviewed Papers for Journals Impact Factor: 1.7 | 2024 |