

KHATRUSH

Personal Information

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International Researcher IDs

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Education Information

Doctorate, University of Surrey, Civil Engineering, England 1982 - 1987

Postgraduate, University of Sheffield, Civil And Structural Engineering, England 1980 - 1982

Undergraduate, Benghazi University, Civil Engineering, Libya 1974 - 1978

Dissertations

Doctorate, Yielding of a fine sand in triaxial stress space, University of Surrey, Civil Engineering, 1987

Postgraduate, Insertion of caisson anchor in sand, University of Sheffield, Civil And Structural Engineering, 1982

Academic Titles / Tasks

Associate Professor, Istanbul Gelisim University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - Continues

Associate Professor, University Of. Benghazi, Faculty Of Engineering, Civil Engineering, 2009 - 2014

University Of Benghazi, Faculty Of Engineering, Civil Engineering, 1991 - 2009

Lecturer, University Of Benghazi, Faculty Of Engineering, Civil Engineering, 1988 - 2009

Academic and Administrative Experience

University Of Benghazi, 2011 - 2013

University Of Benghazi, 1991 - 1997

Courses

Dynamics, Undergraduate, 2022 - 2023, 2018 - 2019

Soil mechanics applications, Undergraduate, 2022 - 2023

Design of retaining structures, Undergraduate, 2022 - 2023, 2018 - 2019

Foundation Engineering, Undergraduate, 2022 - 2023, 2019 - 2020, 2018 - 2019
Geology for engineering, Undergraduate, 2021 - 2022
Soil mechanics, Undergraduate, 2021 - 2022, 2018 - 2019
Construction Management, Undergraduate, 2021 - 2022
Surveying, Undergraduate, 2021 - 2022
Probability and statistics, Undergraduate, 2018 - 2019
Engineering geology, Undergraduate, 2018 - 2019

Advising Theses

SULEIMAN ALI SULEIMAN MOHAMED K., Siesmic response of R/C buildings in Libya, Postgraduate,
I.Mohammed(Student), 2017

SULEIMAN ALI SULEIMAN MOHAMED K., Pile loading on rock layer of limited thickness, Postgraduate, M.Ben(Student),
1995

Articles Published in Other Journals

- I. **Seismic Damage Prediction of Buildings Using Fuzzy Logic, The Case of Ambarlı Neighborhood at Avclar**
KHATRUSH S. A. S. M.
Resilience Journal, vol.7, no.2, pp.253-263, 2023 (Peer-Reviewed Journal)
- II. **Strength and Dilation Behaviour of a Reconstituted Sand-Shell Mixture**
KHATRUSH S. A. S. M.
European Journal of Science and Technology, 2021 (Peer-Reviewed Journal)
- III. **Laboratory Evaluation of Undrained Shear Strength of a Soft Fine Grained Soils**
KHATRUSH S. A. S. M.
INTERNATIONAL JOURNAL of ENGINEERING TECHNOLOGIES-IJET, vol.7, no.3, 2021 (Peer-Reviewed Journal)
- IV. **An automated triaxial system for stress and strain path testing of soils**
KHATRUSH S. A. S. M.
Journal of the Institute of Engineers, 1996 (Peer-Reviewed Journal)
- V. **Discussion on 'the use of hall effect semiconductors in geotechnical instrumentation'**
Clayton C., KHATRUSH S. A. S. M., Bica A., Siddique A.
Geotechnical Testing Journal, vol.13, no.1, pp.63-67, 1990 (Scopus)
- VI. **Use of hall effect semiconductors in geotechnical instrumentation**
Clayton C. R., KHATRUSH S. A. S. M., Bica A. V., Siddique A.
Geotechnical Testing Journal, vol.12, no.1, pp.69-76, 1989 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Estimation of the Unconfined Compressive Strength of Cement Stabilized Clay Using Artificial Neural Networks (ANN)**
KHATRUSH S. A. S. M.
International Conference on Engineering Technologies (ICENTE'23), Konya, Turkey, 23 - 25 November 2023,
pp.250-255
- II. **SEISMIC DAMAGE PREDICTION OF BUILDINGS USING FUZZY LOGIC, THE CASE OF AMBARLI NEIGHBORHOOD AT AVCILAR**
KHATRUSH S. A. S. M., YÜCEL G.
IDRC 2022, 4th International Disaster&Resilience Congress, Cimate Change&Safe Cities, Eskişehir,

Turkey, 19 - 21 October 2022, pp.99

- III. **Settlement monitoring of buildings in weak soil areas**
KHATRUSH S. A. S. M.
Sixth Arab conference in structural engineering, Syria, 31 July 1995
- IV. **Static seismic analysis for structures in Libya using Equivalent Lateral Force (ELF) in (IBC-2009)**
Issa M., KHATRUSH S. A. S. M.
International Conference on Technical Sciences (ICST2019), Tripoli, Greece, 1 - 03 March 2019
- V. **Seismic response of reinforced concrete buildings as predicated by the draft of Libyan standard (DSLS-1977) and (IBC-2009)**
Issa M., KHATRUSH S. A. S. M.
The First Conference for Engineering Sciences and Technology, Libya, 27 December 2018
- VI. **Undrained shear strength of (Libyan) soft marine soil**
KHATRUSH S. A. S. M.
16th African regional conference in geotechnical engineering, Tunisia, 27 - 30 April 2015
- VII. **12th Arab structural engineering conference**
KHATRUSH S. A. S. M.
Some geotechnical properties of Benghazi deep deposit, Tripoli, Greece, 12 - 15 November 2013
- VIII. **International Conference on Geotechnical Engineering. 2010**
KHATRUSH S. A. S. M.
The use of cement and other additives to improve shear strength of weak sabkha soils, TUNUS, Tunisia, 12 - 15 October 2010
- IX. **The Effect of Pile loading on a rock layer of limited thickness**
KHATRUSH S. A. S. M.
Third Egyptian conference in geotechnical engineering, Egypt, 23 - 25 February 1997
- X. **Load test of buildings from theory to practice**
KHATRUSH S. A. S. M.
3rd Jordanian conference in civil engineering, Libya, 1 - 03 September 1991
- XI. **The use of an automated triaxial system with local axial and radial strain measurement to investigate the yielding of sand.**
KHATRUSH S. A. S. M.
Novos Conceitos em Ensaio de Campo e de Laboratório em Geotecnia, Rio de Janeiro, Brazil, Brazil, 1 - 03 January 1988