

CONTACT DETAILS

Name: **TAREK KAROUI**
Address: Seoul, South Korea
Email Address: thetarek@kaist.ac.kr
Visa Status : F6

CAREER OBJECTIVES

Summary: Scientific researcher / Multilanguage proofreader, interpreter and translator

EDUCATION

Institution: Université Le Havre Normandie
City/Country: Le Havre, France
Qualifications: PhD in Civil Engineering
Completed: 2014

Institution: USTL
City/Country: Lille, France
Qualifications: Master in Civil Engineering
Completed: 2008

Institution: USTL
City/Country: Lille, France
Qualifications: Bachelor in Civil Engineering
Completed: 2006

SKILLS

Summary: Multilanguage translation, interpretation and proof reading, Scientific research and writing, Communication, analytical skills.

Translation skills: 4 languages proficiency, direct interpretation, proof reading (scientific and general)

Language skills: Arabic: Native (Standard, North African + Middle East accents)
French: Native
Italian, English: Fluent (English: IELTS 8/9)
Spanish, Korean, Japanese: Beginner

Research: Geotechnical engineering, Offshore foundations, Scaled model testing, Geotechnical centrifuge testing, Sinkhole simulation, Internal erosion.

Relationship Management: Co-supervision of Master/engineering students, International conferences presentation, Negotiation with companies for equipment acquisitions.

Computer skills: MS Office / Apple iWork / LaTeX: Advanced
RIDO / Hades / MUR: Intermediate
FLAC3D, 2D / Plaxis / Matlab: Beginner

HOBBIES and INTERESTS

- Music: Guitar & Bass
- Photography
- Languages
- Martial arts: Kyokushin Karate, Capoeira
- Travels

TRANSLATION AND INTERPRETATION EXPERIENCE

19th ICSMGE (International Conference on Soil Mechanics and Geotechnical Engineering)

City/Country: Seoul, Korea
Dates: September. 17-22 2017
Position/Title: Translator and live interpreter
Responsibilities: - Translate program books, opening lectures documents from English to French.
- Live interpretation/translation of spoken lectures from English to French.
- Scientific proof reading of scientific publications.

6th ICSE (International Conference on Scour and Erosion)

City/Country: Paris, France
Dates: August. 27-31 2012
Position/Title: Translator, assistant manager, presenter
Responsibilities: - Translate program books, opening lectures documents from English to French.
- Assist managing team for the organization.
- Presentation of a research work.

PRIVATE TUTORING AND PROOF READING

City/Country: Paris, France
Dates: 2006-2015
Position/Title: Private tutor and proof reader
Responsibilities: - Private tutoring in mathematics, French, Arabic.
- English and French proof reading of various documents (CV, cover letters, Bachelor and Master thesis, scientific papers) from various fields (science, sociology, psychology, musicology, history, geography,...).

EMPLOYMENT HISTORY

KAIST (Korean Advanced Institute of Science and Technology)

City/Country: DaeJeon, Korea
Dates: December 2016 – April 2019
Position/Title: Post-doc researcher
Responsibilities: - Research and co-supervision duties.
- Maintenance and acquisition of geotechnical centrifuge equipment.
Achievements: • Sinkhole project (Ministry of Land, Infrastructure and Transport of the Korean government): experiments, conference and publications.
- Simulation of sinkhole phenomena with scale model tests.
• Submerged Floating Tunnel project (Korea Agency for Infrastructure Technology Advancement): experiments, conference and publications (ongoing).
- Geotechnical centrifuge experiments on suction anchor behavior as foundation for SFT (submerged floating Tunnel).
- Submission of hybrid foundation patent.

SYSTRA

City/Country: Seoul, Korea
Dates: June 2016 – December 2016
Position/Title: Geotechnical Engineer
Responsibilities: Design and modeling of geotechnical structures and bridge foundations. Coordination between structural and geotechnical team during modelling process.
Achievements:

- CTW130 railway project dedicated to heavy freight traffic in Jubail Industrial City, Saudi Arabia.
- Culvert, Rail/road Bridge design (Aashto/Arema).
- Geotechnical database/profiles creation.

CEREMA

City/Country: Paris/Le Bourget, France
Dates: April 2015 – June 2016
Position/Title: Geotechnical Engineer
Responsibilities: Design and modeling of geotechnical structures and bridge foundations (Eurocodes).
Coordinate within the geotechnical unit modeling actions
Achievements:

- Junction between suburb train station and subway station (Part of subway expansion of Paris – Line 15).
- Shelter and overhead-line shallow foundations
- Crane and footbridge deep foundations (micro piles)
- Retaining wall of the underground (soldier-pile wall)
- Bridge (roadway and pedestrian) and acoustic screen foundations (piles).
- On-site inspection of screen foundation construction.
- Diagnosis of existing bridges.

HEI

City/Country: Lille, France
Dates: October 2008 – Jan 2010
Position/Title: Assistant teacher
Responsibilities: Teaching duties and preparation of examination materials.
Achievements:

- Finite elements, strength of material courses teaching.

PROFESSIONAL MEMBERSHIPS

Member of CFMS (French Committee of Soil Mechanics)

REFEREES

Didier Rames
CEO of Actidyn Systemes, Elancourt, France
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Ass. Pr Benamar Ahmed
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PUBLICATIONS

Suffusion evaluation of coarse-graded soils from Rhine dikes. Acta Geotechnica 2019, pp 1-9, A. Benamar, R. N. Correia dos Santos, A. Bennabi, T. Karoui.

Experimental study of ground subsidence mechanism caused by sewer pipe cracks. Applied Sciences 2018, 8(5), 679. T.Karoui, S-Y. Jeong, Y-H. Jeong, D-S. Kim.

Effect of soil parameters on suction anchor behavior in sand. The 31st KKHTCNN symposium on civil engineering, Kyoto November 2018. J-S. Bae, T. Karoui, Y-H. Jeong, D-S. Kim.

모형실험을 이용한 지하수 흐름에 의한 지반함몰 메커니즘 평가. 대한지질공학회 춘계학술대회 2018, Y-H. Jeong, T. Karoui, H-I. Cho, D-S. Kim, J-S. Bae.

모형실험을 이용한 하수관 누수로 인한 지반함몰 메커니즘 평가. 한국지반신소재학회 2018 가을 학술발표회, Y-H. Jeong, M-G. Lee, T. Karoui, D-S. Kim.

Experimental estimation of the mechanism of the ground subsidence by various groundwater flow. The 30th KKHTCNN Symposium on Civil Engineering, Taipei November 2017. , S-Y. Jeong, T. Karoui, Y-H. Jeong, D-S. Kim.

다양한 조건에 따른 지반함몰과 지중공동 확장에 대한 실험적 연구. 대한지질공학회 2017, S-Y. Jeong, T. Karoui, Y-H. Jeong, D-S. Kim.

다양한 지하수 조건에 따른 지반함몰 메커니즘의 실험적 평가. 한국지반공학회 가을학술발표회 2017, S-Y. Jeong, T. Karoui, Y-H. Jeong, D-S. Kim.

하수관 누수로 인한 지반함몰 메커니즘의 정량적 평가. 대한지질공학회 추계학술대회 2017, S-Y. Jeong, Y-H. Jeong, T. Karoui, D-S. Kim.

Etude de la suffusion des sols grossiers : Cas des graves du Rhin. 2ème Colloque national : Digues maritimes et fluviales de protection contre les submersions, Aix en Provence 12-14 June 2013. A. Benamar, T. Karoui, A. Bennabi, HQ. Wang.

Experimental Study of Soil Erosion using two laboratory Devices. 6th International Conference on Scour and Erosion, PARIS 27-31 Aug 2012. A. Bennabi, T. Karoui, A. Benamar, HQ.Wang.

Influence of fine particles on internal erosion of sandy Soils. 6th International Conference on Scour and Erosion, PARIS 27-31 Aug 2012. A. Benamar, T. Karoui, A. Bennabi, A. Seghir, HQ. Wang.

Experimental Study of the suffusion of non-cohesive heterogeneous soils. Internal Erosion in Embankment Dams and their Foundations, Brno April 2011, Vol: 13, p: 82-89. T. Karoui, A. Benamar, A. Bennabi, HQ.Wang