

## Curriculum Vitae

### Dr. Sahar Al-khyat

Mustansiriyah University – College of Engineering

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#### PERSONAL SUMMARY:

An academic professional with valuable experience in teaching and lecturing. Highly self-motivated researcher with an excellent grasp of research conduct.

#### EDUCATION:

- Ph.D. in Geotechnical Engineering from Cardiff University, Cardiff, UK (14/01/2019).
- M.Sc. in Geotechnical Engineering from Al-Mustansiriyah University, Baghdad, Iraq (13/12/2011).
- B.Sc. in Civil Engineering from Al-Mustansiriyah University, Baghdad, Iraq (15/08/2003).

#### ACADEMIC HONORS AND AWARDS:

- Ranking 1<sup>st</sup> out of 89 students, Civil Engineering Department, Al-Mustansiriyah University, 2003.
- Several thanks and appreciation letters from President and Dean of Engineering collage, Al-Mustansiriyah University.

#### ACADEMIC /TEACHING EXPERIENCE:

- **2019-2021 Lecturing at Al-Mustansiriyah University, Department of Water Resources**
  - Lecturer of Soil Mechanics Lab course for year 3 students.
  - A member of sustainable development committee.
  - A member of E-learning efficiency committee.
- **2015-2018 Lab Demonstration at Cardiff University, School of Engineering**
  - Demonstrating tests of soil mechanics lab for year 1&2 students.
  - Assisted in the class test invigilation's work for undergraduate students.
  - Provide guidance and support to undergraduate students with their graduate projects.
- **2011-2014 Lecturing at Al-Mustansiriyah University, Department of Civil Engineering**
  - Project management course lecturer for year 3 students.
  - Contribute to relevant teaching activities within the department.
  - Undertake any other related duties as assigned or requested by the university.
  - A member of the checking and approving committee for the results of final exam.
  - A supervisor of graduate project for final year students.
- **2005-2010 Teaching assistant at Al-Mustansiriyah University, Department of Civil Engineering**
  - Demonstrating tests of soil mechanics lab for year 3 students.
  - Working in the computer lab, soil mechanics lab and assisting students at all levels.
  - Involved in ordering different supplies for the labs.
  - Performs other duties as assigned or requested by the university.

الإستاذ المساعد الدكتور  
عبد الساهر كحيتان  
معاون العميد  
لشؤون العلمية والدراسات العليا



الإستاذ المساعد الدكتور  
عبد الصاحب توفيق عبد الصاحب  
رئيس قسم هندسة الموارد المائية

## COURSES TAUGHT:

Undergraduate	Graduate
<ul style="list-style-type: none"><li>• Project Management.</li><li>• Soil Mechanics Lab.</li></ul>	

## PROFESSIONAL AFFILIATIONS:

- Consultant Engineer, Iraqi Engineers Union.

## PUBLICATIONS:

- Dalaly, N.K., Al-Soud, M.S. and Abdul Jabar S.S., 2015. A new technique of strengthening soft soil under a strip footing by a granular trench reinforced with geogrid micro mesh. Australian Journal of Civil Engineering, 13(1), pp.11-21.
- Tripathy, S., Al-Khyat, S., Cleall, P.J., Baille, W. and Schanz, T., 2016. Soil suction measurement of unsaturated soils with a sensor using fixed-matrix porous ceramic discs. Indian Geotechnical Journal, 46(3), pp.252-260. The best paper on Instrumentation and awarded with IGC-AIMIL Biennial Award.
- Tripathy, S., Al-Khyat, S., Cleall, P.J., 2020. Impact of single and multiple specimen suction control oedometer testing on the measurement of the soil-water characteristic curve. Submitted to ASTM Geotechnical Testing Journal.

## PROFESSIONAL DEVELOPMENT

- Completed the skills development service certificate of personal development at Silver Level and Bronze Level in Negotiation skills, Problem solving, Speaking and presenting, Successful networking, Teamwork, Motivation and Team Briefings; awarded by Cardiff University Students' Union.
- Attending over 20 research/skills training courses related to Knowledge & Intellectual Abilities, Personal Effectiveness and Engagement Influence & Impact held at the school of engineering and doctoral academic center of Cardiff university.

الاسم المساعد الدكتور  
علي جبار كاظم  
معاون العميد  
لشؤون العلمية والدراسات العليا



الاستاذ المساعد الدكتور  
عبد الصاحب توفيق عبد الصاحب  
رئيس قسم هندسة الموارد المائية