

C.V

Name : Sabah
Second name: Hassan
Last name : Lafta
Family name : Fartosy
Date of birth : Baghdad- 1977
Gender : Male
Marital : Marriage
Nationality : Iraqi



Home address

Baghdad, Iraq

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Languages:

- Arabic tongue.
- English fluently (Speaking and writing).

Academic Qualifications

- 1996 – 1999 Bsc. in buildings and constructions engineering,
University of Technology, Baghdad, Iraq.
- 1999 – 2002 Msc. in buildings and constructions engineering,
University of Technology, Baghdad, Iraq.
- 2013-2018 PhD. in geotechnical engineering, Waterloo
University, Waterloo, Canada



الإستاذ المساعد الدكتور
علي جبار كاظم
معاون العميد
للشؤون العلمية والدراسات العليا

الإستاذ المساعد الدكتور
مداحت شاكر مداحت
رئيس قسم هندسة الموارد المائية

Work Experience

- University of Al-Mustansiriyah / engineering affairs - Projects Engineer (2003).
- Responsible of construction projects follow-up in University of Al-Mustansiriyah / engineering affairs (2003-2005).
- Resident engineer of renovation of Al-Mustansiriyah University President Building (2003).
- Resident engineer of different works inside Al-Mustansiriyah University Campus (2004).
- Resident engineer of high institute of international and political studies project/ University of Al-Mustansiriyah (2004-2006).
- Resident engineer of educational collage (Departments Building), (2006 – 2007).
- Resident engineer of renovation of Main Student Club inside of Al-Mustansiriyah University Campus (2005-2007).
- Tenders pricing committee member of Al-Mustansiriyah University Projects (2004-2005).
- Projects planning engineer in the University of Al-Mustansiriyah (2004-2007).
- Responsible of designing unit/ engineering affairs in the University of Al-Mustansiriyah (2007-2009).
- Committee president of project tenders auditing in The University of Al-Mustansiriyah (2007-2009).
- Director of the engineering affairs /University of Al-Mustansiriyah (2009- until Jan. 2013).



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رئيس قسم هندسة الموارد المائية

- President and member of different committees related to construction projects of Al-Mustansiriyah University (2018-2019).
- Team director of designing the site works and buildings project of Kirkuk Oil Training Institute (2007-2008).
- Team director of designing the site works and buildings project of Oil Training Institute in Baiji (2008).
- Members of different teams designing of private and public projects (2007-2011).
- Currently, a lecturer in the Department of Water Resources/ Engineering College of Al-Mustansiriyah University (2019-until now).

Computer Skills

- Autocad 2019 (2D and 3D).
- Staad 2018 structural program (Design and Analysis).
- Sap2000 structural program (Design and Analysis).
- Microsoft Office programs (Word, PowerPoint and Excel).
- Matlab 2018(Advanced skills).
- Comsol Multiphysics (NDT and Geotechnical applications).
- Mathcad 15.

Community Membership

- Member of Iraqi Engineering Union 1999 until now.
- Member of Iraqi Engineering Association 2004 until now .



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Training courses

- Session in Renovation of Steel-Framed Buildings held by American Society of Civil Engineers (Iraq/Baghdad-2008).
- Session in Strengthening Concrete Buildings held by American Society of Civil Engineers (Iraq/Baghdad-2008).
- Expectations teaching assistance workshop held in Waterloo University (Canada/Waterloo-2014).
- Two days intensive training course in COMSOL Multiphysics (Canada/Toronto-2017).
- Two days acoustic modeling training course in COMSOL Multiphysics (Canada/Toronto-2018).
- Training course in Judicial Experience held by ministry of planning with a collaboration with Iraqi engineering union (Iraq/Baghdad-2020).

Research publications

Published

- “Effect of strain rate on the strength characteristics of soil–lime mixture”, published in Geotechnical and Geological Engineering journal – Springer Link (2013).
- “Effects of a fracture on ultrasonic wave velocity and attenuation in a homogeneous medium”, published in Geotechnical Testing Journal –International ASTM (2019).



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مهدخت شاكر مدحت
نيس قسم هندسة الموارد المائية

Under Publication

- A new NDT approach to monitor damage in concrete shallow foundations-laboratory scale models.
- Evaluation of the response of ultrasonic transducers for non-destructive material evaluation.
- Comparison of immersion and laser vibro-meter ultrasonic measurements for characterization of concrete specimens.
- Load damage evaluation in concrete specimens using non-destructive techniques.
- Early evaluation of freeze-thaw damage in concrete specimens using non-destructive techniques.




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مervat شاكفر مervat
رئيس قسم هندسة الموارد المائية