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





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).

الإستاذ الساعر الدكتور على جباكا كا قلم معادي العمد

للشؤون العلمية والدراسات العليا

الأستاذ الساعد الدكتور مدحت شاكر مدحت نيس قسم هندسة الموارد المانعة

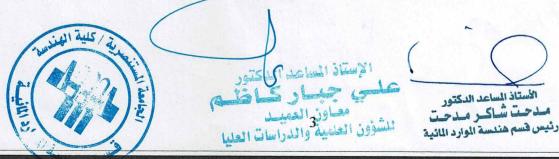
- President and member of different committees related to construction projects of Al-Mustansiriyah University (2018-2019).
- Team director of designing the site works and buildings project of Kirkuk Oil Training Institute (2007-2008).
- Team director of designing the site works and buildings project 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.



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).



الإستال المساعد الدكتور كلي حياد كا فلم معاون العميد للشؤون المنسية والدراسات العليا



Under Publication

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



الإستاذ الساكد الدكتور على جياركا ضم معاون النمييد للشؤون العلمية والدراسات العليا الأستاذ المساعد الدكتور مدحت شاكر مدحت رئيس هسم هندسة الموارد المانية