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## Dr. Ahmed Al-Obaidi

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Title: Associate Prof.

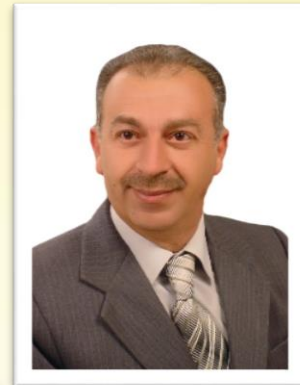
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Specialism: Geotechnical Engineering

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### Academic Qualifications

SEQ.	QULIFICATION	FIELD	AWARDING BODY	COUNTRY	DATE
1	BSc	Civil Engineering	Baghdad University	Iraq	1986
2	MSc	Geotechnical Eng.	Baghdad University	Iraq	1992
3	PhD	Geotechnical Eng.	Baghdad University	Iraq	2002

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### Research Interests

- Pile Foundations.
  - Soil Improvement.
  - Problems of Gypseous soils and its treatments.
  - New Technology in Field Soil Testing.
  - Site Investigation.
  - Finite Element analysis and Soil Modelling.
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### Employment History

- From 2012-Now: Associate Prof. at Tikrit University – Dept. of Civil Eng.
  - From 2000-2011: Lecturer at Tikrit University – College of Eng. – Dept. of Civil Eng.
  - From 1993-1999: Assistant lecturer at Tikrit University – Dept. of Civil Eng.
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### Teaching

- Soil Mechanics.
  - Foundation Engineering.
  - Advanced Soil Mechanics.
  - Advanced Foundation Engineering.
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### Languages

- Arabic.
  - English.
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### Memberships

Member of the Iraqi Engineers Union.  
Member of the Kurdistan Engineers Union.  
Member of the Federation of Arab Engineers.

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## Selected Publications

- Al-Mosawe M. and **Al-Obaidi, A. H.**, 2016. "Performance of Unreinforced Concrete Bored Piles under Different Loading Conditions" International Conference for Engineering and Technology Munich – Germany.
- **Al-Obaidi, A. H.** Mahmood, P. and Al-Karawe, A. 2016. "Assessment of Vertical Pile Capacity in Soil with Weak Layers and Cavities." 2<sup>nd</sup> International Engineering Conference On Developments in Civil & Computer Engineering Applications Erbil, Kurdistan, Iraq.
- **Al-Obaidi, A. H.**, and Al-Karawe, A. 2015 " The laboratory studies on the anisotropy of gypseous Soil" The 2<sup>nd</sup> International Conference on Buildings, Construction and Environmental Engineering. Beirut – Lebanon.
- **Al-Obaidi, A. H.** and Al-Karawe, A. 2014 " Thermal Conductivity of Gypseous Soil under Different Temperatures" 11<sup>th</sup> International Congress on Advances in Civil Engineering. Istanbul – Turkey.
- **Al-Obaidi, A. H.** and Al-Refa'y. H, 2010. " Evaluation of SWC Curve of Unsaturated Gypseous Soils using Tensometer and RETC program" The Iraqi Journal of Soil Sciences. Vol. 10 No. 1.
- **Al-Obaidi, A. H.**, and Najim, S. 2009 " Performance of Geosynthetics to Materials Improve Gypseous Soils" 2ed International Conference Geosynthetics Middle East – Dubai/UAE.
- **Al-Obaidi, A. H.**, and Taha, O. 2008. "The Use of Liquid Asphalt to Improve Engineering Properties of Gypseous Soils." Al-Raffedain Engineering Journal. Vol. 16 No. 4.
- Husain, H, **Al-Obaidi, A. H.**, and Nedaiwi, A.R 2007, "Thick Orthotropic Rectangular Plates on Elastic Foundation" The scientific Journal of Tikrit University, Vol. 14 No. 3.
- Al-Mosawe M. and **Al-Obaidi, A. H.**, 2002. "Thermal Analysis of Large Diameter Bored Piles." 6th International Conference on Concrete Technology for Developing Countries. Jordan.
- **Al-Obaidi, A.H.**, 1999. " Effect of Temperature change on some Properties of Tikrit Soils." The scientific Journal of Tikrit University, Vol. 5 No. 6.
- Al-Mosawe M. and **Al-Obaidi, A. H.**, 1997. "Effect of Lateral Loads on Buckling of Piles." Journal of Arabic Universities Union, Vol. 4 No.1
- Sulaiman, R., **Al-Obaidi, A.H.**, and Husain, A. 1996. "The Study of the Engineering Properties of Hay Al-Qadisyah in Tikrit." The scientific Journal of Tikrit University, Vol. 3 No. 1.