# Dr. Jawdat Kadhim Abbas

**Title:** Associate Professor

**Specialism:** Geotechnical Engineering

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## Academic Qualifications

| SEQ. | QULIFICATION | FIELD | AWARDING BODY | COUNTRY | DATE |
|---|---|---|---|---|---|
| 1 | BSc | Civil Engineering | Tikrit University | Iraq | 1995 |
| 2 | MSc | Structural Eng. | Tikrit University | Iraq | 1997 |
| 3 | PhD | Geotechnical Eng. | University of Baghdad | Iraq | 2001 |

## Research Interests

- **Soil reinforcement**
- **Seepage through earth dams.**

## Current Research

- Experimental study of the strip footing under inclined and eccentric load on geogrid reinforced sand.
- Effective length of geogrid reinforced layer under circular footing resting on sand.
- Quantity of seepage through homogeneous earth dam with triangular toe filter

## Teaching

- **Soil mechanics / for undergraduate**
- **Seepage/ for postgraduate**
- **Soil improvement/ for postgraduate**

## Languages

- **Arabic**
- **English**

## Memberships

**Member (Consultant) of the Iraqi Engineers Union (IEU)**

## Selected Publications

- **Abbas, J.K.** and Al-Dorry, M.K., 2013. Bearing Capacity of Ring Footing on Geogrid Reinforced Sand. *Bearing Capacity of Ring Footing on Geogrid Reinforced Sand*, *International Review of Civil Engineering*. *VOL.4 No.5.*
- **Abbas, J.K.** and Hussain, I.S., 2013. Bearing Capacity of Two Closely Spaced Strip Footings on Geogrid. *Tikrit Journal of Engineering Science (TJES)*, *20*(2), pp.8-18.
- **Abbas, J.K.** and Al-Taay, A.H., 2012. Bearing capacity of eccentrically loaded strip footing on geogrid reinforced sand. *Tikrit Journal of Engineering Science(TJES)*, *19*(1).
- **Abbas, J.K.** and Sabbar, A.S., 2011. Finite Element Analysis for Bearing Capacity of Rectangular Footing Resting near Sloped Cohesive soil. *Tikrit Journal of Engineering Science (TJES)*, *18*(3), pp.33-41.
- **Abbas, J.K.** and Al-Shindah, M.N., 2011. Finite Element Analysis for Bearing Capacity of Circular Footing on Geogrid Reinforced Sand. *International Review of Civil Engineering. Vol. 2 N.6.*
- **Abbas, J.K.**, 2007. Bearing capacity of eccentrically loaded strip footing near the edge of cohesive slope. *Tikrit Journal of Engineering Science (TJES)*, *14*(2)