



السيرة الذاتية لاعضاء الهيئة التدريسية في قسم الهندسة المدنية
كلية الهندسة | جامعة بغداد



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دكتوراه في الهندسة المدنية
ماجستير في الهندسة المدنية
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الاسم المستخدم في نشر البحوث حسب الكوكل سكولر

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الاتجاهات البحثية

Geotechnical Engineering, Geoenvironmental Engineering, and
Sustainability

الدرجة العلمية

Assistant Professor



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▼ الأبحاث المنشورة

- **Behavior of pile foundation subjected to lateral cyclic loading in contaminated soils**
MO Karkush, MSA Kareem
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- **Behavior of pile group subjected to cyclic lateral loading in contaminated soils**
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- **Studying the effects of contamination on the geotechnical properties of clayey soil**
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- **Impacts of soil contamination on the response of piles foundation under a combination of loading**
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- **Remediation of sandy soil contaminated with industrial wastewater**
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- **Studying the Effects of Industrial Waste Water on Chemical and Physical Properties of Sandy Soil**
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- **Theoretical modeling and experimental investigation of leaching behavior of salty soils**
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- **Behavior of Pile Groups Subjected to Axial Static and Lateral Cyclic Loads in Contaminated Soils**
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- **Studying the Effects of Contamination on Soil Properties Using Remote Sensing**
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- **Improvement of unconfined compressive strength of soft clayey soil by using glass wool fibers**
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- **Improvement of Soft Soil Using Linear Distributed Floating Stone Columns under Foundation Subjected to Static and Cyclic Loading**
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- **Effects of Industrial Wastes on Geotechnical Properties of Clayey Soil**
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- **Application of Remote Sensing Techniques in Geoenvironmental Engineering**
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 - **Quantitative Description of the Two-Phase Constitutive Relationships for Organic Liquid Contaminants**
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▼ الكتب والمؤلفات

■

▼ رسائل الماجستير التي اشرف عليها

- Studying the effects of some contaminants on geotechnical soil properties by testing and remote sensing
- Investigating the effects of contamination and washing process on the geotechnical properties of sandy soil
- Effect of soil contamination on the behavior of piles subjected to laterally cyclic loading
- Effects of embankment construction nearby axially loaded piles in sandy soil
- Studying the contamination and remediation of al-Nassyria oil refinery soil
- Experimental modeling of surcharge adjacent to pile foundation in fuel oil contaminated soils
- Geotechnical properties and electrokinetics remediation of heavy metals contaminated soil
- Consolidation modeling of kerosene contaminated clayey soils
- Behavior of floating stone columns in weak soil under static and cyclic loading

▼ اطاريح الدكتوراه التي اشرف عليها

- Remediation of contaminated soil under foundations subjected to static and cyclic loading
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