



بشرى سهيل زبار البوسودة

تخصص ميكانيك التربة وهندسة
الأسس

دكتوراه في الهندسة المدنية

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ماجستير في الهندسة المدنية

قسم الهندسة المدنية كلية الهندسة جامعة بغداد

البريد الإلكتروني الرسمي

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▼ الاسم المستخدم في نشر البحوث حسب الكوكل سكولر

Bushra S Albusoda

▼ الاتجاهات البحثية

Collapsible Soils. Computer applications in geotechnical engineering
Deep Soil Mixing. Dynamics of Foundation. Expansive and unsaturated soils
Geogrid, Geocell, and Geotextile. Geostatistics. Geotechnical Engineering
Earthquakes. In situ and Laboratory testing of soils. Laterally Loaded Piles.
Machine Foundation. Problematic soils. Screw, Helical, Finned, and Batter
Piles. Shallow Footing. Soil Liquefaction and Mitigation. Soil Stabilization and
Improvement. Stone Column in Soft Clay.

▼ الدرجة العلمية

Professor



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■ ▼ الأبحاث المنشورة

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▼ الكتب والمؤلفات

- Static and Dynamic Nonlinear soil Behavior by Bounding Surface Model, LAP Lambert Academic Publishing, 2012

▼ رسائل الماجستير التي اشرف عليها

- Leaching characteristics under anisotropic loading of stabilized gypseous soil by Nano materials (2018)
- Performance evaluation of pile subjected to lateral loads (2017)
- Performance evaluation of a model pile in collapsible soil (2014)
- Experimental study on straight shaft and under reamed piles embedded in high expansive soil (2014)
- Response of pile groups subjected to torsion (2014)
- Dynamic Response of Machine Foundation on Gypseous Soil (2013)
- Bearing Capacity of Shallow Footing on Compacted Dune Sand over Reinforced Gypseous Soil (2012)
- An Approach in Evaluating The Behavior of Dune sand Under Shallow Footing (2010)
- Bearing Capacity of Shallow Footing on Soft Clay with eccentric loading (2009)



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▼ اطاريح الدكتوراه التي اشرف عليها

- Evaluating the performance of new techniques for open-ended pipe piles in Iraqi soil Dissertation (2017-present)
- Evaluation of methods used for soil liquefaction mitigation (2016-present)
- Response of tunnel structures to the effect of dynamic loadings (2016-present)
- Treatment of expansive soil using helical piles with additives (2016)
- Response of piled-raft subjected to earthquake excitation (2016)
- Using Geocell and Geogrid Reinforcement to improve performance of buried pipe in sandy soil (2016)
- An Experimental and Theoretical Analysis of Embankment on Geogrid Reinforced Stone Columns (2013)
-