

السيرة الذاتية (2023-2024)

م.م. عامر محسن مهاوش

الجامعة المستنصرية - كلية الهندسة

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ملخص تعريفي:

- اللقب العلمي : مدرس مساعد
- اللغات : الانكليزية ، العربية .
- مجال الاهتمام : هندسة الطرق، ميكانيك التربة .

الشهادات الدراسية:

- Phd. : قسم الهندسة المدنية/ جامعة موناش/ استراليا (2020)
- M.Sc. : هندسة الطرق والنقل/ الجامعة المستنصرية / العراق (2006)
- B.Sc. : قسم الطرق والنقل/ الجامعة المستنصرية/ العراق (2003)

الجوائز والتكريم الأكاديمي

حاصل على العديد من كتب الشكر والتقدير من قبل وزير التعليم العالي ، رئيس الجامعة المستنصرية وعميد كلية الهندسة الجامعة المستنصرية .

الخبرة الأكاديمية والتدريس:

- سنوات الخبرة : 18 سنة .

المقررات الدراسية التي تم تدريسها:

الدراسات الأولية
1- هندسة السكك والمطارات
2- الرياضيات للمرحلة الاولى
3- المشاريع الهندسية
4- هندسة المياه الجوفية
5- ادارة المشاريع الهندسية

الانتساب المهني او الجمعيات:

- عضو نقابة المهندسين العراقيين

المنشورات العلمية

- بحوث علمية
- عدد البحوث العلمية المنشورة 12

- Microsoft Office (Excel, PowerPoint, Word),
- MS Project Operation,
- Grapher, Aviso image processing,
- Basic AutoCAD.
- 12D software basic level.

Activities :

Journal Referee

- Construction & Building Materials
- Journal of Rock Mechanics and Geotechnical Engineering
- Environmental Earth Sciences
- Journal of Geotechnical and Geoenvironmental Engineering
- Geomechanics and Geoengineering
- Deep Foundations Institute (DFI)
- Journal of the American Concrete Institute

المنشورات:

- Mahawish, A., Bouazza, A. and Gates, W.P., 2018. Macro-mechanical behaviour and visualization of the microstructure of coarse sand subjected to different biocementation levels. Journal of Geotechnical and Geoenvironmental Engineering.
- Mahawish, A., Bouazza, A. and Gates, W.P., 2016. Biogrouting coarse materials using soil lift treatment strategy. Canadian Geotechnical Journal 53(12): 2080-2085.
- Mahawish A, Bouazza A, Gates WP. 2017. Effect of particle size distribution on the biocementation of coarse aggregates. Acta Geotech 13(4):1019-1025.
- Mahawish A, Bouazza A, Gates WP. 2018a. Factors affecting the biocementing process of coarse sand. Ground Improvement. in press. <http://dx.doi.org/10.1680/grim.17>.
- Mahawish A, Bouazza A, Gates WP. 2018a. Improvement of coarse sand engineering properties by microbially induced calcite precipitation. Geomicrobiology Journal. <https://doi.org/10.1080/01490451.2018.1488019>.
- Mahawish A, Bouazza A, Gates WP. 2018b. Strengthening crushed coarse aggregates using Biogrouting. Geomechanics and Geoengineering An International Journal.
- Mahawish A, Bouazza A, Gates WP. 2018c. Unconfined compressive strength and visualization of the microstructure of coarse sand subjected to different biocementation levels. Journal of Geotechnical and Geoenvironmental Engineering.
- Mahawish A, Bouazza A, Gates WP. 2018e. Improvement of soft soil using bio-cemented sand column.
- Mahawish A, Bouazza A, Gates WP. 2018d. Improvement of Soft Soils Using Bio-Cemented Sand Columns. Springer Nature Switzerland AG, Proceedings of China-Europe Conference on Geotechnical Engineering. 469259_1_En, Chapter 184
- Mahawish, A., Bouazza, A. and Gates, W. P. (2017b). Microstructure of biocemented coarse sand. Proceedings International Conference on Piled Foundations and Ground Improvement Technology, Melbourne, Australia, 482-491.
- Chemical Stabilization of Gypseous Subgrade Soils for Road Construction in Iraq (2013).
- Mahawish A, Ibrahim SI, Jawad AH, Othman FM (2017) Effect of Adding Silicon Carbide and Titanium Carbide Nanoparticles on the Performance of the Cement Pastes. J Civil Environ Eng 7:277. doi: 10.4172/2165-784X.1000277

الأستاذ المساعد الدكتور
عقاب محمد الجبالي
معاون مدير الشؤون الإدارية

الأستاذ الدكتور
محمد هاشم محمد
رئيس قسم هندسة الطرق والنقل

Curriculum Vitae (2023-2024)

Associate Lecturer : Aamir M. Mahawish

Mustansiriayah University – College of Engineering

Mobile: 07706333492

Email: aamir.mahawish@uomustansiriayah.edu.iq

PERSONAL SUMMARY:

- Academic Rank : Doctor .
- Languages : English , Arabic .
- Area of Interest : Soil Mechanics, Biocementation, Soil improvement, Biogeochemical, XRD analysis and CT-scan microstructure investigations.

EDUCATION:

- July 2020, Monash University. Clayton campus, PhD Civil Engineering. Geotechnical / Biocementation field.
- August 2006. Mustansiriayah University, Baghdad, M.Sc. in Highway and Transportation Engineering/ Road subgrade stabilization.
- August 2003. Mustansiriayah University, Baghdad, Iraq. B.Sc. in Highway and Transportation Engineering.

ACADEMIC HONORS AND AWARDS:

- A number of Acknowledgment from , Prime Minister, Iraq , Ministry of Higher Education and Scientific Research , Iraq . Mustansiriayah University , Iraq , College of Engineering , Mustansiriayah University , Iraq .
- Amir's works have been recognised internationally.

Training and Modules Records:

- ACI concrete training 2007
- CertiPort IC3 2011
- Basic Principles of Radiation Safety 03/08/2016
- Ethics and Professional Conduct 19/12/2014
- Privacy 19/12/2014
- OHS Staff Induction 04/04/2014
- Student project safety risk 10/10/2014
- Equal Opportunity Online Training (Staff) 14/02/2017
- Foundation for teaching associates 08/03/2019
- Chemical and Biological Security Training by Sandia 11/02/2019
- Years of Experience : 18 years .


الأستاذ المساعد الدكتور
عنايت محمد الجبالي
معاون رئيس القسم

COURSES TAUGHT:

Undergraduate

- Mathematics first year
- Airport and railway engineering
- Ground Water and Environmental Geotechnics,
- Engineering Design, Road Engineering,
- Civil Engineering Construction and Transport,
- Traffic Engineering,
- Management subject,
- Research methods for masters students and exams invigilation

PROFESSIONAL AFFILIATIONS:

- The American Society of Civil Engineers (ASCE), student follow.
- American Concrete Institute (ACI)
- Member, Iraqi Engineers Union

PUBLICATIONS:

- Mahawish, A., Bouazza, A. and Gates, W.P., 2018. Macro-mechanical behaviour and visualization of the microstructure of coarse sand subjected to different biocementation levels. Journal of Geotechnical and Geoenvironmental Engineering.
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- Chemical Stabilization of Gypseous Subgrade Soils for Road Construction in Iraq (2013).
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الأستاذ المساعد الدكتور
عزت عبد الجبار
معاون السيد المشرف العام

الأستاذ الدكتور
محمد هاشم محمد
رئيس قسم هندسة الطرق والنقل

PROFESSIONAL DEVELOPMENT

- Microsoft Office (Excel, PowerPoint, Word),
- MS Project Operation,
- Grapher, Aviso image processing,
- Basic AutoCAD.
- 12D software basic level.

Activities :

Journal Referee

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الاستاذ المساعد الدكتور
عنايت محمد عيسى
معاون مدير الشؤون الإدارية

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