

Abeer Khudhur Jameel

Mustansiriyah University – College of Engineering

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PERSONAL SUMMARY:

- Asst. Prof / Highway and Transportation Engineering, College of Engineering/Mustansiriyah University

EDUCATION:

- Ph.D.: Highway and Transportation Engineering, Civil Engineering Department, School of Engineering, University of Birmingham, the UK.
- M.Sc. Highway and Transportation Engineering, Civil Engineering Department/ College of Engineering/Mustansiriyah University.
- B.Sc.: Civil Engineering Department/ College of Engineering/Mustansiriyah University.

ACADEMIC HONORS AND AWARDS:

- Excellent paper/presentation in IAARHIES Conference, the society for academic research London , 2017
- Certificate of best presentation award ICTEA 2017: 19th International Conference on Transportation Engineering and Analysis, Venice, Italy June, 21-22, 2017.

ACADEMIC /TEACHING EXPERIENCE:

Assistant Professor, Highway and Transportation Engineering, College of engineering, Mustansiriyah University, 2021 till now

Lecturer. Highway and Transportation Department, Faculty of Engineering, University of Mustansiriyah 2011- 2021

Lecturer, Highway and Transportation Department, Faculty of Engineering, University of Mustansiriyah 2019 (Postgraduate/Higher Diploma)

Teaching Associating PGTA, College of Engineering, University of Birmingham 2016-2019.

Assistant Lecturer, Highway and Transportation Department, Faculty of Engineering, University of Mustansiriyah 2001-2011.

Supervisor/ Undergraduate projects/ 2001-2012

Member of examination committee, Highway and Transportation Department, Faculty of Engineering, University of Mustansiriyah (2004-2013)

Establishing and supervising on Computer Laboratory at Highway and Transportation Engineering, Faculty of Engineering, University of Mustansiriyah 2001-2004

Member of checking the recommended details for applications submitted by students to apply for undergraduated study (two years experience)

Supervisor / Postgraduate projects –Master in transportation, 2021-2022, till now

COURSES TAUGHT:

Undergraduate	Postgraduate
1- Transportation Planning 2- Transportation Engineering 3- Traffic Engineering 4- Software in Transportation Engineering Field 5- Engineering Management and Economic 6- Highway structural analysis 7- Highway structure design 8- Transportation Engineering (Civil Engineering Department) 9- Mathematics I (University of Birmingham) 10- Mathematics II (University of Birmingham) 11- Programming Basic Language 12- Programming Fortran Language 13- Matlab (University of Birmingham) 14- Programming C++ Language (University of Birmingham)	Urban Planning Advanced Road safety Road safety Models

PROFESSIONAL AFFILIATIONS:

- Member of Iraqi Engineers Unit
- Member of Iraqi Highway and Transportation Unit

Supervising (Postgraduate):

	Title	Student name	Academic year	
1	Assessment of the Risk Level of Baghdad-Hilla Road Based on the Proactive Approach	Aya Hassan Jameel	2021-2022	
2	Investigation of the Pedestrian Behavior to Use Walking As a Sustainable Mode of Transportation in Urban Areas	Farah Ahmed Subhy	2021-2022	
3	Effectiveness Evaluation of Road Safety Projects Using Safety Performance Measures	Doaa Mazin Shaokt	2022-2023	
4	Investigating the impact of attitudes to non-motorized travel modes on mode choice in Baghdad City	Ezildeen A.	2023-2024	

PUBLICATIONS:

- **Review of Modifying the Indicators of Road Safety System. *Journal of Engineering and Sustainable Development*, 27(2), 149-170. (2023).**
 - **The Impact of the COVID19 Pandemic on Shopping Trips Behavior in Urban Areas. In *F-EIR Conference on Environment Concerns and Its Remediation* (pp. 289-302). Springer, Cham, 2021, October.**
 - **Improving the geometric characteristics of road infrastructure to reduce the rate of run-off and head-on crashes In *2021 International Congress of Advanced Technology and Engineering (ICOTEN)* (pp. 1-7). IEEE 2021, July.**
 - **Land use variables affecting travel behaviour: a review, In *Proceedings of the Institution of Civil Engineers-Transport* (pp. 1-26). Thomas Telford Ltd. 2021, November.**
 - **Estimation of transportation service quality for selected groups of users using customer satisfaction index. *Periodicals of Engineering and Natural Sciences* 9, no. 2, March 2021, pp.325-332.**
 - **Assessment of road infrastructures in Iraq according to safe system requirements: case study Old Baquba-Baghdad rural road sections. In *IOP Conference Series: Materials Science and Engineering* (Vol. 888, No. 1, p. 012047). IOP Publishing.**
 - **Cost-effectiveness analysis of a road improvement proposal based on sustainability Indicators: Case study Al-Nebal-Baghdad highway. *Periodicals of Engineering and Natural Sciences* 8, no. 2 (2020): 916-932**
 - **Estimating a congested road capacity-headway relationship of a multi-lane highway in an urban area based on lane position. *Periodicals of Engineering and Natural Sciences* 8, no. 3 (2020): 1263-1279.**
 - **Developing a safer road user behaviour index. *IATSS Research*. 2020**
 - **Assessment of Road Safety Performance for Southeast Asian Countries. *Journal of the Society of Automotive Engineers Malaysia*, 3(3).**
 - **Assessment of safer road user behaviour, *WIT Transactions on Ecology and the Environment* 217, 755-767, 2018**
 - **Review of the Road Crash Data Availability in Iraq , *International Journal of Transport and Vehicle Engineering* 11 (6, 2017**
 - **Review on the Statues of Road Safety in the Developing Countries: Case study of Middle East Countries, *Journal of Innovative Research in Engineering & Technology* 1 (01), 25-30, 2017**
 - **An investigation for an all-encompassing IRAP road star rating index, *Functional Pavement Design: Proceedings of the 4th Chinese-European Workshop*, 2016**
 - **Statistical Analysis of Time Headways on an Urban Arterial, *Journal of Babylon University/Engineering Sciences* 21 (3), 1059-1070, 2013**
 - **Estimating Delay Time at Palestine Street Intersections in Baghdad City Using HCM And SIDRA Models, *Al-Qadisiyah Journal for Engineering Sciences* 4 (1), 613-633, 2011**
 - **Improving a model for speed/density relationship on arterial roads in Baghdad city, *Engineering and Technology Journal* 29 (3), 625-638, 2011**
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PROFESSIONAL DEVELOPMENT

- Preessional Language course for International students, University of Birmingham, English for International Students Unit (EISU)
- Internet and Computing Core Certification IC3
- Geographic Information System GIS
- Microsoft Excels (professional level in worksheet preparing, working with functions, and graph designing)
- Microsoft Access (moderate level)
- SPSS

Conferences

- 4th Chinese-European Workshop on Functional Pavement Design (4th CEW 2016, Delft, The Netherlands, 29 June - 1 July 2016)
- IAARHIES Conference, the society for academic research London ,March, 2017
- ICTEA 2017: 19th International Conference on Transportation Engineering and Analysis, Venice, Italy, June, 21-22, 2017
- The 10th international conference on sustainable development and planning, Organised by the Wessex Institute, UK and the University of Siena, Italy, 2018.
- The IRF GLOBAL R2T Conference. November 7-9, 2018 – Las Vegas, NV USA.
- The 2nd Conference of ASEAN Road Safety 2018 (CARS 2018). 4-6 December 2018 in Selangor, Malaysia
- The 3rd International conference in sustainability technology 3rd ICSET 2020 3-4 March 2020 which held virtually in Baghdad...attendance
- The 1st virtual scientific virtual conference for postgraduate students “ the scientific research in coronavirus pandemic” , College of engineering, Mistansiriyah University....attendance
- The 2020 International Conference on Civil and Environmental Engineering Technologies (ICCEET), June 10-11, 2020 which is hosted virtually at university of Kufa, Iraq.
- The International Conference of Advances in Sustainable Environmental Engineering (ICOSEE 2021) IEEE Yemen Subsection that was organized in conjunction with ICOTEN 2021 and held online on July 4-5, 2021.
- F-EIR Conference on Environment Concerns and its Remediation, 18-22 October. Chandigarh, India, 2021.
- The 2nd international conference of Engineering and advanced technology. Turkey, 28-29 March 2022,(Editor)
- The 4th Sustainability And Resilience Conference: Design Innovation, Bahrain University , 1-2 November 2022 , IEEE Xplore , Bahrain IEEE section
- The 3rd International Conference of Civil Engineering Sciences ICCES-2023 proceeding will be published in a Scopus database indexed journal; held on 15-16 March, 2023.

Workshops

- International Road Assessment Programme (iRAP) organized in Leeds, UK, 2016
- Three series of "Notes on E-learning application", Highway and Transportation Engineering, College of Engineering/Mustansiriyah.
- Lecturer, the training course "How to avoid plagiarism in writing articles and thesis", Sep 2020. Organized by Mustansiriyah University.
- Lecturer, the training course "Using Google form in creating e-exam questions", Sep 2020. Organized by Mustansiriyah University.
- Presenter, two lectures entitled "The sustainable development goals SDG", OCT.2020. Organized by Mustansiriyah University, College of Engineering, Highway and Transportation Engineering Department.
- Presenter, series of workshops on how to assess and improve the quality of scientific laboratories based on the specification of the Iraqi ministry of Higher Education and scientific research. Organized by Mustansiriyah University, College of Engineering, Highway and Transportation Engineering Department.

Profile links:

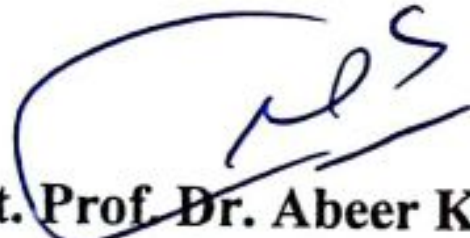
Academic Profile: <https://uomustansiriyah.edu.iq/e-learn/profile.php?id=5259>

Google Scholar link: <https://scholar.google.com/citations?user=bSv35v0AAAAJ&hl=en>

ORCID: <https://orcid.org/0000-0001-9999-9974?lang=en>

Research gate: <https://www.researchgate.net/profile/Abeer-Jameel>

WOB: <https://www.webofscience.com/wos/author/record/AAY-9022-2020>



Assist. Prof. Dr. Abeer Khudhur Jameel
Mustansiriyah University
College of Engineering
Highway and Transportation Department

1 - 4 - 2024



الأستاذ المساعد الدكتور
عبدالله محمد الجبوري
معاون العميد للشؤون العامة



الأستاذ الدكتور
محمد هاشم محمد
رئيس قسم هندسة الطرق والنقل

السيرة الذاتية

(2024-2023)

عبير خضر جميل

الجامعة المستنصرية - كلية الهندسة

Mobile: +9647804829466

Email: abeer_khudbur@uomustansiriyah.edu.iq

ملخص تعريفي:

- تدريسية في قسم هندسة الطرق والنقل/كلية الهندسة/الجامعة المستنصرية من 2001 الى حد الآن
- التعيين عام 2000 بدرجة م. مهندس في قسم هندسة الطرق والنقل/كلية الهندسة/الجامعة المستنصرية من 2000 الى 2001

الشهادات الدراسية:

- شهادة الدكتوراه/ هندسة مدنية، هندسة طرق ومواصلات / 2019/ جامعة برمنغهام/ المملكة المتحدة
- شهادة الماجستير / هندسة مدنية، مواصلات/ 2001/ الجامعة المستنصرية
- شهادة البكالوريوس/ هندسة مدنية/ 1998/ الجامعة المستنصرية

الجوائز والتكريم الأكاديمي

- جائزة أفضل بحث والقاء / المؤتمر الدولي للعلوم والهندسة IAARHIES 50TH، لندن / المملكة المتحدة
- جائزة أفضل القاء بحث/ مؤتمر / فينيسيا / ايطاليا

الخبرة الأكاديمية والتدريس:

1. أستاذ مساعد من 2021 الى الان
2. مدير هيئة تحرير مجلة الهندسة والتنمية المستدامة
3. مدرس (دراسات اولية)/ قسم هندسة الطرق والنقل/ كلية الهندسة/ الجامعة المستنصرية من 2011 الى الان
4. اشراف دراسات عليا ماجستير ودكتوراه من 2021 الى الان
5. تدريس دراسات عليا (دبلوم عالي) 2019 وماجستير ودكتوراه من 22- الى الان
6. مدرس مساعد PGTA / كلية الهندسة/ جامعة برمنغهام/ 2016-2019
7. مدرس مساعد / قسم هندسة الطرق والنقل/كلية الهندسة/الجامعة المستنصرية من 2001-2011
8. مشرف على مجموعة مشاريع تخرج للمرحلة الرابعه من 2001 الى الان
6. عضو لجنة امتحانيه من 2004 الى 2012
9. اشراف على تأسيس مختبر الحاسبات/ قسم هندسة الطرق والنقل/من 2001-2004
10. عضو لجنة تدقيق قبول الدراسة المسائيه/ كلية الهندسه/ الجامعة المستنصرية
11. عضو لجنة تدقيق درجات/ جامعة برمنغهام/ المملكة المتحدة

المقررات الدراسية التي تم تدريسها:

الدراسات الأولية	الدراسات العليا
سلامة الطرق التحليل الانشائي للطرق التصميم الانشائي للطرق هندسة المواصلات الادارة الهندسية والاقتصاد الهندسي تخطيط النقل الحضري هندسة المرور	التخطيط الحضري سلامة الطرق المتقدم نمذجة سلامة الطرق

برامجيات هندسة الطرق والنقل
رياضيات |
برمجة لغة بييسك
برمجة لغة فورتران
برمجة ماتلاب
C++ برمجة

الانتساب المهني او الجمعيات:

- نقابة المهندسين العراقية
- جمعية هندسة الطرق والنقل

المنشورات العلمية

- Identifying the Crash Worthiness and Crash Avoidance Factors Based on Road Features. Shokat, D.M., Jameel, A.K. E3S Web of Conferences, 2023, 427, 03010
- An Impact of Traffic Characteristics on Crash Frequency. Al-Nuaimi, A. , Jameel, A.K.E3S Web of Conferences, 2023, 427, 03040
- Review Of Modifying The Indicators Of Road Safety System. Jameel, A.K. , Evdorides, H.T. Journal of Engineering and Sustainable Development, 2023, 27(2), pp. 149–170
- Investigating the Key Components of Walking Behaviour in Baghdad City. Subhi, F.A., Jameel, A.K.IOP Conference Series: Earth and Environmental Science, 2023, 1232(1), 012052
- Risk Assessment of the main transport corridor in Iraq, Shokat, D.M.Jameel, A.K.IOP Conference Series: Earth and Environmental Science, 2023, 1232(1), 012056
- The Impact of the COVID19 Pandemic on Shopping Trips Behavior in Urban Areas. In F-EIR Conference on Environment Concerns and its Remediation (pp. 289-302). Springer, Cham, 2021, October.
- Improving the geometric characteristics of road infrastructure to reduce the rate of run-off and head-on crashes In 2021 International Congress of Advanced Technology and Engineering (ICOTEN) (pp. 1-7). IEEE 2021, July.
- Land use variables affecting travel behaviour: a review, In Proceedings of the Institution of Civil Engineers-Transport (pp. 1-26). Thomas Telford Ltd. 2021, November.
- Estimation of transportation service quality for selected groups of users using customer satisfaction index. Periodicals of Engineering and Natural Sciences 9, no. 2, March 2021, pp.325-332.
- Assessment of road infrastructures in Iraq according to safe system requirements: case study Old Baquba-Baghdad rural road sections. In IOP Conference Series: Materials Science and Engineering (Vol. 888, No. 1, p. 012047). IOP Publishing.
- Cost-effectiveness analysis of a road improvement proposal based on sustainability Indicators: Case study Al-Nebai-Baghdad highway. Periodicals of Engineering and Natural Sciences 8, no. 2 (2020): 916-932
- Estimating a congested road capacity–headway relationship of a multi-lane highway in an urban area based on lane position. Periodicals of Engineering and Natural Sciences 8, no. 3 (2020): 1263-1279.
- Developing a safer road user behaviour index. IATSS Research. 2020
- Assessment of Road Safety Performance for Southeast Asian Countries. Journal of the Society of Automotive Engineers Malaysia, 3(3).
- Assessment of safer road user behaviour, WIT Transactions on Ecology and the Environment 217, 755-767, 2018
- Review of the Road Crash Data Availability in Iraq , International Journal of Transport and Vehicle Engineering 11 (6, 2017
- Review on the Statues of Road Safety in the Developing Countries: Case study of Middle East Countries, Journal of Innovative Research in Engineering & Technology 1 (01), 25-30, 2017

- An investigation for an all-encompassing iRAP road star rating index, Functional Pavement Design: Proceedings of the 4th Chinese-European Workshop, 2016
- Statistical Analysis of Time Headways on an Urban Arterial, Journal of Babylon University/Engineering Sciences 21 (3), 1059-1070, 2013
- Estimating Delay Time at Palestine Street Intersections in Baghdad City Using HCM And SIDRA Models, Al-Qadisiyah Journal for Engineering Sciences 4 (1), 613-633, 2011
- Improving a model for speed/density relationship on arterial roads in Baghdad city, Engineering and Technology Journal 29 (3), 625-638, 2011

تطوير المهارات:

• Certifications:

- شهادة اللغة الاكاديمية لغير المتكلمين باللغة الانكليزية/ 2014/جامعة برمنغهام/EISU
- شهادة استخدام الحاسوب IC3
- نظم المعلومات الجغرافية GIS
- Microsoft words (professional level in table and long documents formatting)
- Microsoft excels (professional level in worksheet preparing, working with functions, and graph designing)
- Microsoft access (moderate level)
- SPSS
- Autocad

• Conferences.

- 4th Chinese-European Workshop on Functional Pavement Design (4th CEW 2016, Delft, The Netherlands, 29 June - 1 July 2016)
- IAARHIES Conference, the society for academic research London ,March, 2017
- ICTEA 2017: 19th International Conference on Transportation Engineering and Analysis, Venice, Italy, June, 21-22, 2017
- 10th international conference on sustainable development and planning, Organised by the Wessex Institute, UK and the University of Siena, Italy, 2018.
- IRF GLOBAL R2T Conference. November 7-9, 2018 – Las Vegas, NV USA.
- The 2nd Conference of ASEAN Road Safety 2018 (CARS 2018). 4-6 December 2018 in Selangor, Malaysia
- the 3rd International conference in sustainability technology 3rd ICSET 2020 3-4 March 2020 which held virtually in Baghdad... حضور فقط
- المؤتمر العلمي الافتراضي الاول لطلبة الدراسات العليا " البحث العلمي في جانحة كورونا " الذي اقامته كلية الهندسة /الجامعة المستنصرية في 2020/6/8...حضور فقط
- The 2020 international conference on civil and environmental engineering technologies (ICCEET), June 10-11, 2020 which is hosted virtually at university of Kufa, Iraq.
- The International Conference of Advances in Sustainable Environmental Engineering (ICOSEE 2021) IEEE Yemen Subsection that was organized in conjunction with ICOTEN 2021 and held online on July 4-5, 2021.
- F-EIR Conference on Environment Concerns and its Remediation, 18-22 October. Chandigarh, India
- The 2nd international conference of Engineering and advanced technology. Turkey, 28-29 March 2022,(Editor)
- The 2nd international conference for Engineering sciences. Baghdad, Iraq 7-8 May 2024,(Editor)
- The 3rd International Conference of Civil Engineering Sciences ICCES-2023, College of Engineering, University of Al-Qadisiyah

- The 2nd International Conference on advances in Engineering Science and Technology-2022, October 24-25, 2022 , Engineering College - University of Babylon.

- Workshops

- International Road Assessment Programme (iRAP) organized in Leeds, UK, 2016
 - الملاحظات، الادارية التنظيمية للمحاضرات الالكترونية في قسم هندسة الطرق والنقل/كلية الهندسة/الجامعة المستنصرية، الاحد 2020/4/26،
 - الملاحظات التعليمية للمحاضرات الالكترونية في قسم هندسة الطرق والنقل/كلية الهندسة/الجامعة المستنصرية الثلاثاء 2020/4/28
 - الملاحظات الفنية والتقنية للمحاضرات الالكترونية في قسم هندسة الطرق والنقل/كلية الهندسة/الجامعة المستنصرية الخميس 2020/4/30
 - الية الاستخدام الامثل لبرنامج FCC لادارة الاجتماعات و الورش والمحاضرات التفاعلية-السلامة والاستدامة في انظمة الطرق والنقل
 - مجموعه ورش عن مشاكل الاستلال النصي وطرق معالجتها
 - مجموعة ورش عن كيفية تنضيد الرسائل والاطاريج الجامعية واعداد القوالب الخاصة بها باستخدام مايكروسوفت وورد
 - مجموعة ورش عن التطبيقات المساعدة لطلاب الدراسات العليا
 - مجموعة ورش ضمن برنامج تطوير مهارات طلاب الدراسات العليا
 - مجموعة ورش ضمن برنامج الرعاية لعلمية لوززارة الشباب والرياضة



أ.م. دعبير خضر جميل

2024/4/1



الأستاذ المساعد الدكتور
هاني هادي الجبار
معاون العميد للشؤون العامة



الأستاذ الدكتور
محمد هاشم محمد
رئيس قسم هندسة الطرق والنقل