

## السيرة الذاتية

عبد الحق هادي عبد علي عباس حسين الحداد

الجامعة المستنصرية - كلية الهندسة

Mobile: 07702885029

E-mail:abdulhaq1969@uomustansiriyah.edu.iq

### ملخص تعريفي:

اللقب العلمي: أستاذ  
اللغات: العربية، الانكليزية.  
مجال الاهتمام: مواد التبليط وهندسة المواصلات، هندسة المرور، تخطيط النقل.

### الشهادات الدراسية:

الشهادة	عنوان الرسالة	التخصص الدقيق	جهة المنح	تاريخ الحصول على الشهادة
بكالوريوس	الجامعة المستنصرية - حلية	الهندسة المدنية	جامعة الموصل - كلية الهندسة - قسم الهندسة المدنية	1991-1990
دبلوم عالي	مسح تفصيلي لمنطقة سكنية في بغداد (حي الوحدة)	هندسة مساحة	الجامعة التكنولوجية - قسم هندسة البناء والانشاءات	1998-1997
ماجستير	نموذج مقترح لتحليل الاجهادات والهبوط في نظام التبليط المرن المتعدد الطبقات باستخدام طريقة العناصر المحددة	هندسة طرق ومطارات	الجامعة التكنولوجية - قسم هندسة البناء والانشاءات	2001-1999
دكتوراه	تطوير نموذج لتوقع الكلال في التبليط المرن	هندسة طرق ونقل	جامعة المستنصرية - كلية الهندسة - قسم الهندسة المدنية	2005-2001
ما بعد الدكتوراه	تطوير طريقة فحص جديدة لقوى التلاصق بين الاسفلت و الركام	هندسة مواد طرق	جامعة ليفربول - مدرسة الهندسة - قسم الهندسة المدنية	2013-2015

### الجوائز والتكريم الاكاديمي:

- 5) شكر وتقدير، وزير التعليم العالي و البحث العلمي، العراق.
- 20) شكر وتقدير، رئيس الجامعة المستنصرية، العراق.
- 2 كتاب شكر و تقدير من السادة رؤساء الجامعات
- أكثر من 50 كتاب شكر وتقدير، عميد كلية الهندسة، الجامعة المستنصرية، العراق

الأستاذ المساعد الدكتور  
عبد الحق هادي عبد علي عباس حسين الحداد  
معاون العميد للشؤون العلمية

الخبرة الأكاديمية والتدريس:

٢٩ سنة خبرة  
شركة الفاو الهندسية 2 سنة

المقررات الدراسية التي تم تدريسها:

كورسات طلبة الدراسات الأولية	كورسات طلبة الماجستير	كورسات طلبة الدكتوراه
هندسة المرور (3 <sup>rd</sup> Class)	مواد تبليط متقدم	توظيف خصائص الرابطة الاسفلتي
تكنولوجيا الاسفلت (2 <sup>nd</sup> Class)	التصميم الانشائي للتبليط	هندسة التبليط المتقدم

الإشراف على رسائل الماجستير

No.	Student Name	Supervised By	Year	Title	University	Study
1	Israa Al-Haydari	Dr.Gandhi G. Sofia Dr. Abdulhaq Hadi Al-Haddad	2011	Improvement of Traffic Flow on Arterials in Holy Karbala City	Highway and Transportation Engineering Department, Al-Mustansiriyah University	MSc.
2	Ali Muha Ahmed	Dr. Saad Farhan Ibrahim Dr. Abdulhaq Hadi Al-Haddad	9/2011	Digital Map Production of subgrade and Soil Profile using GIS Techniques	Highway and Transportation Engineering Department, Al-Mustansiriyah University	MSc.
3	Hamsa Al-Zubaidy	Dr.Gandhi G. Sofia Dr.Abdulhaq Hadi A.Ali	2011	Trip Generation Modeling for Selected Zones in Dywania City	Highway and Transportation Engineering Department, Al-Mustansiriyah University	MSc.
4	أسماعيل صدام عيد	إ.د وهيب مجيد الكبيسي إ.م.د عبد الحق هادي عبد علي	2011	قابلية برنامج تدريسي محوسب في تنمية المهارات الأساسية للرسم الهندسي لدى طلبة كليات الهندسة واتجاهاتهم نحوها	قسم الدراسات التربوية و النفسية / معهد البحوث و الدراسات العربية / العراق	PhD
5	Hashim Ali	Mr. J.VENKATESH Dr. Abdulhaq Hadi Al-Haddad	2012	Selection of the Best Route between Iraq and the International Border of the Kingdom of Saudi Arabia (Through AL Najaf City ) Using Remote Sensing Techniques (RS) and Geographic Information System (GIS)	Jawaharlal Nehru Technology University JNTUH, Institute of Science and Technology, Center for Spatial Information Technology; Hyderabad, AP-India	MSc.
6	Ahmed Ali Abed	Dr. Abdulhaq Hadi Al-Haddad	2013	Structural Pavement Evaluation for Al-Kut-Baghdad Rural Highway using Ground Penetrating Radar.	Highway and Transportation Engineering Department, Al-Mustansiriyah University	MSc.

7	Mohammed Z. Mohamedmeki	Prof. Hamed M. H. Al-Hamdou Dr. Abdulhaq Hadi Al-Haddad	5/2013	Crack Propagation Modeling for Local Asphalt Concrete Pavement	Civil Engineering ;Engineering College; Baghdad University	PhD
8	Kareem Naji Mohsin	Mr. J.VENKATESH Dr. Abdulhaq Hadi Al-Haddad	2013	Land use and Land cover changes of Al-Kut city in Iraq using Remote Sensing and GIS Techniques	Jawaharlal Nehra Technology University JNTUH, Institute of Science and Technology, Center for Spatial Information Technology; Hyderabad, AP-India	MSc.
9	Mohammed Kareem Sameer	Mr. J.VENKATESH Dr. Abdulhaq Hadi Al-Haddad	2013	Production of Urban Land Use Map for Samawah City from Satellite	Jawaharlal Nehra Technology University JNTUH, Institute of Science and Technology, Center for Spatial Information Technology; Hyderabad, AP-India	MSc.
10	Hasan Jameel Ibrahim	MR. J.VENKATESH Dr. Abdulhaq Hadi Al-Haddad	2013	The Detailed Survey for Site Selection for the Construction of a Dam Using Remote Sensing and Geographic Information System in Iraq	Jawaharlal Nehra Technology University JNTUH, Institute of Science and Technology, Center for Spatial Information Technology; Hyderabad, AP-India	MSc.
11	Haneen Mundher Abdulqader	Dr K.M.Lakshmanarao, Dr Abdul Haqhadi Al-Haddad	2013	Sewer Network Analysis using Swmm5 Program with GIS Tools	Jawaharlal Nehra Technology University JNTUH, Institute of Science and Technology, Center for Spatial Information Technology; Hyderabad, AP-India	MSc.
12	Ahmed Abdul Ameer Kadem	Dr. Abdulhaq Hadi Al-Haddad Dr.Zainab A. Al-Kaisi	5/2014	Evaluation of Crack Propagation for Local Rigid Pavement	Highway and Transportation Engineering Department, Al-Mustansiriyah University	MSc.
13	Mohammed Salah Ibrahim	Dr. Saad Farhan Ibrahim Dr. Abdulhaq Hadi Al-Haddad	9/2014	Behavior and Characteristics of stabilized subgrade due to Existence of soluble salt.	Highway and Transportation Engineering Department, Al-Mustansiriyah University	MSc.
14	Gofran J. Qasim	Dr. Abdulhaq Hadi Al-Haddad	3/2016	Travel Demand Modeling Al-Amarah city ( as a case study)	Civil Engineering ;Engineering College; Baghdad University	PhD
15	Fatin Hadi Meqtoof	Dr. Abdulhaq Hadi Al-Haddad Dr. Nagham tariq	---	Measured Bond Strength of Local Asphaltic Material using a New Blister Method	Highway and Transportation Engineering Department, Al-Mustansiriyah University	MSc
16	Hashim	Dr. Abdulhaq Hadi Al-Haddad Dr. Mustafa Tariq			Technical College of Baghdad ; Survey Dept.	MSc

17	Tuqa Khalid	Dr. Abdulhaq Hadi Al-Haddad	2018	Analysis of Pavement Surface Texture for Mohammed Al-Kassim Expressway	Highway and Transportation Engineering Department, Al-Mustansiriyah University	MSc
18	Yassamam Hadi Abed	Dr. Abdulhaq Hadi Al-Haddad	2016	The Strength Deformation Characterization of the Thin Bitumen Films Material	Highway and Transportation Engineering Department, Al-Mustansiriyah University	PhD
19	Prof. Ali Abdulameer Alwish	Dr. Abdulhaq Hadi Al-Haddad	2017	Sustainable Operation of Urban Arterial Networks	Highway and Transportation Engineering Department, Al-Mustansiriyah University	PhD without course
20	Yasir Mohammed Jebour	Dr. Abdulhaq Hadi Al-Haddad	2018	Development of a Mechanistic – Empirical Rutting Prediction Model for Local Asphalt Mixture	Highway and Transportation Engineering Department, Al-Mustansiriyah University	PhD
21	Yosif AbdulhMuhsan	Dr. Abdulhaq Hadi Al-Haddad Dr. Hanan Adnan Hasin	2018	Fatigue evaluation of fine aggregate matrix (FAM)	Highway and Transportation Engineering Department, Al-Mustansiriyah University	MSc
22	Salman	Dr. Abdulhaq Hadi Al-Haddad Dr. Mustafa Tariq	2019		Technical College of Baghdad ; Survey Dept.	MSc

### الانتساب المهني والجمعيات:

الى	من	الجهة التي عمل بها	عنوان الوظيفة
2000/6/27	1994/1/2		مدرّب فني
2006/5/23	2000/6/27	هيئة التعليم التقني / المعهد التقني بابل/ القسم المدني	مدرس مساعد
2006/9/3	2006/5/23	هيئة التعليم التقني / الكلية التقنية - بغداد/ قسم المساحة	مدرس / رئيس قسم هندسة تقنيات المساحة
2007/3/11	2006/9/3	الجامعة المستنصرية / كلية الهندسة / قسم هندسة الطرق والنقل	مدرس / مقرر قسم هندسة الطرق والنقل
2007/3/11	2006/9/3	الجامعة المستنصرية / كلية الهندسة / قسم هندسة الطرق والنقل	مدرس / مقرر الدراسات العليا قسم هندسة الطرق والنقل
2008/3/12	2007/3/11	جامعة بابل/ كلية الهندسة / قسم الهندسة المدنية	مدرس منصب
2010/9/2	2009/11/1	الجامعة المستنصرية / كلية الهندسة / قسم هندسة الطرق والنقل	مدرس / مقرر قسم هندسة الطرق والنقل

مستمر	2011/7/3	الجامعة المستنصرية / كلية الهندسة / قسم هندسة الطرق والنقل	استاذ مساعد / قسم هندسة الطرق والنقل
2015/3/5	2013/11/8	جامعة ليفربول - مدرسة الهندسة - قسم الهندسة المدنية	استاذ زائر في جامعة ليفربول - المملكة المتحدة
2019/12/12	2015/8/25	الجامعة المستنصرية / كلية الهندسة / قسم هندسة الطرق والنقل	رئيس قسم هندسة الطرق والنقل

## المنشورات العلمية:

### بحوث علمية

Title of Research Papers	Place of Publication	Date of Publication	Participants
Numerical Analysis for Two Dimensional Flow Below New-Hindiya Main Barrage	Al-Taqani Journal	16/12/2002	Dr. Abdulhaq H. Al-Haddad
Effect of Change Materials Properties used on the Pavement Layer and Thickness on deflection distribution using FEM	Al-Taqani Journal	2/6/2004	Dr. Abdulhaq H. Al-Haddad Dr. Shyamm Abdulmutlab
The Effect of Changing Soil Permeability resulting from Sediment Materials on the Head Distribution under New Hindiya Main Barrage	Al-Taqani Journal	Vol.18 / Journal No.2 2005	Dr. Abdulhaq H. Al-Haddad
Developed Predicted Model for Fatigue in Flexible Pavement	Babylon University Journal	Vol.14; No. 4 -2007	Dr. Abdulhaq H. Al-Haddad
Predicated Creep Crack Growth Rate Parameter for Asphalt Pavement by Fracture Mechanics	Babylon University Journal	Vol.15 / No. 3 -2008	Dr. Abdulhaq H. Al-Haddad
Effect of Mineral Filler and Additives Materials on the Adhesion Properties between Asphalt and Aggregate.	Journal of kerbala university	Vol: 6 Issue: 1 Pages: 208-217 ISSN: 18130410; Year: 2008	Dr. Abdulhaq H. Al-Haddad
Characterizing the Local Asphalt Concrete Properties as a Viscoelastic Material.	Babylon University Journal	No. 403 No. 22- 4 -2008	Dr. Abdulhaq H. Al-Haddad
Numerical Calculation for Equivalent Single Wheel Load (ESWL)	Al-Qadisiya Journal For Engineering Sciences	Vol.2 / No. 2 ; 4-3-2009	Dr. Abdulhaq H. Al-Haddad
Accuracy In Digital Base Map Production for Hillah City	1 <sup>st</sup> Engineering Conference – Babylon University – Engg. College ; 17-18 May 2009	The Iraqi Journal For Mechanical And Material Engineering, Special Issue (D)	Dr. Abdulhaq H. Al-Haddad
Evaluation of Al-Muthana Express way using GIS Tool	1 <sup>st</sup> international Geomatics engineering conference	114 22-12-2010	Dr. Abdulhaq H. Al-Haddad Maha O. Al-Mumais
Effect of Axle and Dual Spacing on Horizontal Strain Distribution for Flexible Pavement	Journal of Engineering and Development; Eng. College ; Al-	Vol. 14, No. 4,	Dr. Abdulhaq H. Al-Haddad

	Mustansiriya University	December (2010) ISSN 1813-7822	Maha O. Al-Mumais
Effect of Using Recycled Local Solid Waste Materials on Creep Properties of Asphalt Mixtures <a href="http://iasj.net/iasj?func=fulltext&amp;ald=31317">http://iasj.net/iasj?func=fulltext&amp;ald=31317</a>	Nahrain University, College of Engineering Journal (NUCEJ)	Vol.14 ; No.2, 2011 pp.122-136	Abdulhaq hadi Alaa Saadi Abbas
Effect of Rubber Modified Asphalt on the Permanent Deformation of Asphalt pavement	Journal of Engineering and Development; Eng. College ; Al-Mustansiriya University	4509 22-9-2011	Dr. Abdulhaq H. Al-Haddad Rana Amir Yousif
Development of Delay Models for Roundabouts <a href="http://www.iasj.net/iasj?func=fulltext&amp;ald=28694">http://www.iasj.net/iasj?func=fulltext&amp;ald=28694</a>	Journal of Engineering and Development; Eng. College ; Al-Mustansiriya University	Vol. 16, No.1, March 2012 ISSN 1813- 7822	Dr. Gandhi G. Sofia Dr. Abdulhaq H. Al-Haddad Eng. Israa Saeed Al-Haydari
Trip Generation Modeling for Selected Zone in Dywania City <a href="http://www.iasj.net/iasj?func=fulltext&amp;ald=68209">http://www.iasj.net/iasj?func=fulltext&amp;ald=68209</a>	Journal of Engineering and Development; Eng. College ; Al-Mustansiriya University	Vol. 16, No.4, Dec. 2012 ISSN 1813- 7822	Dr. Gandhi G. Sofia Dr. Abdulhaq H. Al-Haddad Eng. Hamsa A.N. Al-Zubaidy
Effect of Railway Track Elements Properties on Stresses Distribution <a href="http://www.ijscer.com/index.php?m=content&amp;c=index&amp;a=show&amp;catid=120&amp;id=48">http://www.ijscer.com/index.php?m=content&amp;c=index&amp;a=show&amp;catid=120&amp;id=48</a>	International Journal of Structural and Civil Engineering Research	Vol. 2, No. 2, May 2013; pp;116-128 ISSN 2319 – 6009	Dr. Abdulhaq H. Al-Haddad Atheer Najji Hameed Sinan Khaleel Ibrahim
Production Thematic Map for Predicated CBR and $M_n$ Values for Subgrade Soil of Baghdad City Using GIS Tools <a href="http://www.iasj.net/iasj?func=fulltext&amp;ald=71219">http://www.iasj.net/iasj?func=fulltext&amp;ald=71219</a>	Journal of Engineering and Development; Eng. College ; Al-Mustansiriya University	Vol. 71, No.7, Mar. 2013, ISSN 1813- 7822	Dr.Saad Farhan Ibrahim Dr. Abdulhaq H. Al-Haddad Eng. Ali Muhi Ahmmed
An Evaluation Study of Subgrade Soil Characteristics of Al-Kadhimiya Municipality Using GIS Techniques	6 <sup>th</sup> session of the international congress	GEOTUNIS 26-30 <sup>th</sup> March 2012	Dr.Saad Farhan Ibrahim Dr. Abdulhaq H. Al-Haddad Eng. Ali Muhi Ahmmed
The Effectiveness of a Computerized Training Program to Develop the Basic Skills of Engineering Drawing for Students of the Engineering Faculties and Attitudes towards It.	1 <sup>st</sup> Engineering Education Conference, Kurdistan Region University of Duhok 17-19 April 2012	36 9-3-2012	ا.د. وهيب مجيد الكبيسي ا.م.د. عبد الحق هادي عبد علي د اسماعيل صناع عبد
Evaluating the Adequacy of SIDRA Intersection and	1 <sup>st</sup> Engineering Conference Comprehensive Research	Eng. College ;	Dr. Gandhi G.

SYNCHRO Models under Local Traffic Conditions.	Theses (7-8 May 2012)	Al-Mustansiriya University	Sofia Dr. Abdulhaq H. Al-Haddad Eng. Israa Saeed Al-Haydari
Modeling Trip Generation using Artificial Neural Network Analysis for selected Zone in Dywania City	1 <sup>st</sup> Engineering Conference Comprehensive Research Theses (7-8 May 2012)	Eng. College ; Al-Mustansiriya University	Dr. Gandhi G. Sofia Dr. Abdulhaq H. Al-Haddad Eng. Hamsa A.N. Al-Zubaidy
<u>Development of a new aggregate-binder adhesion test method</u> <a href="http://www.crcnetbase.com/doi/abs/10.1201/b18538-56">http://www.crcnetbase.com/doi/abs/10.1201/b18538-56</a>	Bituminous Mixtures and Pavements VI Edited by A. Nikolaidis	CRC Press 2015 Pages 385–394 Print ISBN: 978-1-138-02866-1 eBook ISBN: 978-1-315-66816-1 DOI: 10.1201/b18538-56 2015 Taylor & Francis Group, London,	Dr. Abdulhaq H. Al-Haddad Dr. H. Al-Khalid
Construction of a Complex Shear Modulus Master Curve for Iraqi Asphalt Binder using a Modified Sigmoidal Fitting <a href="http://ijsetr.com/uploads/542316IJSETR4150-129.pdf">http://ijsetr.com/uploads/542316IJSETR4150-129.pdf</a>	International Journal of Scientific Engineering and Technology Research; Impact factor =3.762	Vol.04, Issue.04, Pages:0682-0690 ISSN 2319-8885 February-2015	Dr. Abdulhaq H. Al-Haddad
Predicted Minimum Required Energy for Modified Asphalt Binders to Flow <a href="http://ijsetr.com/uploads/364125IJSETR4151-134.pdf">http://ijsetr.com/uploads/364125IJSETR4151-134.pdf</a>	International Journal of Scientific Engineering and Technology Research; Impact factor =3.762	Vol.04, Issue.04, Pages: 0720-0725 ISSN 2319-8885 February-2015	Dr. Abdulhaq H. Al-Haddad
<i>Predicting complex shear modulus using artificial neural networks</i> <a href="http://www.academicjournals.org/journal/JCECT/article-abstract/CDEA8F552269">http://www.academicjournals.org/journal/JCECT/article-abstract/CDEA8F552269</a>	Academic Journals- Journal of Civil Engineering and Construction Technology	Article Number—CD EA8F552269, Vol.6(3), pp. 15-26 , April 2015 DOI: 10.5897/JCECT2015.0357 ISSN: 2141-2634 Received: 1 February 2015 Accepted: 30 March 2015 Published: 30 April 2015	Dr. Abdulhaq H. Al-Haddad
Fatigue Evaluation of Iraqi Asphalt Binders based on the	Academic Journals; Journal of	Article Number -	Dr. Abdulhaq H.

<p><u>Dissipated Energy and VECD Approaches</u></p> <p><a href="http://www.academicjournals.org/journal/JCECT/article-full-text/2961AE452271">http://www.academicjournals.org/journal/JCECT/article-full-text/2961AE452271</a></p>	<p>Civil Engineering and Construction Technology</p>	<p>2961AE452271; Vol.6(3), pp. 27-50, April 2015 DOI: 10.5897/JCECT2015.0356 ISSN: 2141-2634  Received: 29 January 2015  Accepted: 25 March 2015  Published: 30 April 2015</p>	<p>Al-Haddad</p>
<p>Effect of Calcium Chloride on Highway Subgrade Soil Containing High Soluble Salts</p> <p><a href="http://www.iasj.net/iasj?func=fulltext&amp;ald=100716">http://www.iasj.net/iasj?func=fulltext&amp;ald=100716</a></p>	<p>Journal of Engineering and Development; Eng. College ;  Al-Mustansiriya University</p>	<p>Vol.19, No.3, May, 2015,  ISSN 1813- 7822</p>	<p>Dr.Saad Farhan Ibrahim  Dr. Abdulhaq H. Al-Haddad  Eng. Mohammed Salah Ibrahim</p>
<p>FRACTURE PROPERTIES OF LOCAL ASPALT CONCRETE</p> <p><a href="http://www.iasj.net/iasj?func=fulltext&amp;ald=111115">http://www.iasj.net/iasj?func=fulltext&amp;ald=111115</a></p>	<p>Journal of Engineering ;  Baghdad University</p>	<p>Volume 22 ; Number 7  July 2016</p>	<p>Prof. HAMED M. H. AL-HAMDOU  Dr. Abdulhaq H. Al-Haddad  Dr. MOHAMMED Z. MOHAMEDMEKI</p>
<p>Trip Production Modeling for Selected Zone in AL-Amarah City.</p> <p><a href="http://iceit2016.su.edu.krd/documents/abstract/ICEIT-1.pdf">http://iceit2016.su.edu.krd/documents/abstract/ICEIT-1.pdf</a></p>	<p>1<sup>st</sup> International Conference on Engineering and Innovative Technology</p>	<p>SU-ICEIT 2016, April 12-14, 2016  Salahaddin University-Erbil, Kurdistan, Iraq</p>	<p>Dr. Abdulhaq H. Al-Haddad  Mrs. Gofran J. Qasim</p>
<p>Determination of Fracture Characteristics for Local Rigid Pavement Materials in Iraq.</p> <p><a href="http://www.jeasd.org/images/2017edition/issue_2/17.pdf">http://www.jeasd.org/images/2017edition/issue_2/17.pdf</a></p>	<p>Journal of Engineering and Development; Eng. College  Al-Mustansiriya University</p>	<p>Vol. 21, No. 02, March 2017  ISSN 2520-0917  Pp 228-245</p>	<p>Dr. Zainab A. AL-Kaissi  Dr. Abdulhaq H. Al-Haddad  Eng. Ahmed Abdul Ameer</p>
<p>Evaluation of Pavement Layers Thickness for Al-Kut- Baghdad Rural Highway Using Ground Penetrating Radar</p> <p><a href="http://www.ijscer.com/index.php?m=content&amp;c=index&amp;a=show&amp;catid=121&amp;id=20">http://www.ijscer.com/index.php?m=content&amp;c=index&amp;a=show&amp;catid=121&amp;id=20</a></p>	<p>International Journal of Scientific Engineering and Technology Research;  Impact factor =3.762</p>	<p>Vol. 2, No. 3, pp. 32-38, August 2013</p>	<p>Dr. Abdulhaq H. Al-Haddad  Eng. Ahmed Ali Abed</p>
<p>Utilization of remote sensing and geographic Information system for Investigation of best route between Iraq and Kingdom of Saudi Arabia</p> <p><a href="https://pure.utm.my/en/publications/uitlization-of-remote-">https://pure.utm.my/en/publications/uitlization-of-remote-</a></p>	<p>In 34th Asian Conference on Remote Sensing 2013, ACRS 2013- Bali, Indonesia.</p>	<p>Vol. 5, pp. 4385-4395.  Asian Association on Remote Sensing</p>	<p>Hashim ali Hasab  Maged Marghany  Dr. Abdulhaq H.</p>



<u>sensing-and-geographic-information-system-f</u>		2013, ACRS 2013. ISBN (Print) 9781629939100	Al-Haddad Anuar Bin Ahmad
Long Term Dry and Wet Effects on the Engineering Behavior of Subgrade Soil with high amount of soluble salts using Low Cost Stabilizers <a href="http://www.ojceu.ir/main/attachments/article/34/J.%20Civil%20Eng.%20Urban.%204%20(5)%20492-500.%202014.pdf">http://www.ojceu.ir/main/attachments/article/34/J.%20Civil%20Eng.%20Urban.%204%20(5)%20492-500.%202014.pdf</a>	Journal of Civil Engineering and Urbanism	Volume 4, Issue 5: p.p 492-500 (2014) ISSN-2252-0430. Received 15 Feb. 2014 Accepted 19 Aug. 2014	Dr.Saad Farhan Ibrahim Dr. Abdulhaq H. Al-Haddad Eng. Mohammed Salah Ibrahim
Fatigue performance predication model based on dissipated energy criteria using DSR under controlled-strain mode <a href="https://link.springer.com/content/pdf/10.1007/s41062-017-0115-2.pdf">https://link.springer.com/content/pdf/10.1007/s41062-017-0115-2.pdf</a>	Innovative Infrastructure Solutions © Springer International Publishing AG, part of Springer Nature 2018 <a href="https://doi.org/10.1007/s41062-017-0115-2">https://doi.org/10.1007/s41062-017-0115-2</a>	December 2018, Volume 3: Issue 23 Online ISSN2364-4184	Abdulhaq Hadi Ab edali1
Modeling of Flexible Pavement Serviceability Based on the Fuzzy Logic Theory <a href="https://ascelibrary.org/doi/abs/10.1061/JPEODX.0000026">https://ascelibrary.org/doi/abs/10.1061/JPEODX.0000026</a>	Journal of Transportation Engineering, Part B: Pavements ©2018 American Society of Civil Engineers <a href="https://doi.org/10.1061/JPEODX.0000026">https://doi.org/10.1061/JPEODX.0000026</a>	June 2018 Volume 144, Issue 2 ISSN (online): 2573-5438 Received: April 22, 2017 Accepted: September 19, 2017 Published online: March 27, 2018	Abdulhaq Hadi Abedali Al-Haddad Israa Saeed Jawad Al-Haydari
Assessment of the Functional Performance of Mohammed Al-Qasim Expressway Pavement Surface	Journal of University of Babylon;	Vol.26; No.6; March2018.	Abdulhaq Hadi Abedali Tuqa Khalid

### تطوير المهارات:

- ✦ شهادة مشاركة في دورة تدريبية مركز الدراسات العراقية – جامعة نوربيرغ- ألمانيا.
- ✦ استاذ زائر في جامعة ليفربول البريطانية لمدة 18 اشهر 2013.
- ✦ 5 براءات اختراع.

**Prof. Dr. Abdulhaq Hadi Abedali Alhaddad**

Mstansiriyah University-----College of Engineering

Mobile:07901843626

E-mail:abdulhaq1969@uomustansiriyah.edu.iq

**PERSONAL SUMMARY:**

- Highway Engineering

**EDUCATION:**

**1) Degree**

Degree	General Field	Specialization Field	College	University	Country	Date of Degree award
B.Sc.	Civil Engg.	Civil Engg.	Engineering	Mousl	Iraq	1990-1991
H.D	Civil Engg.	Survey Engg.	Building & Construction	Technology	Iraq	1997-1998
M.Sc.	Civil Engg.	Highway & Airport Engg.	Building & Construction	Technology	Iraq	1999-2000
Ph.D.	Civil Engg.	Transportation Engg.	Engineering	Al -Mustansriya	Iraq	2001-2005
Post-Dr	Civil Engg.	Advance Pavement Materials	School of Engineering	University of Liverpool	UK	2013-2015

**2) Project Title and Thesis**

Degree	Title and Thesis
B.Sc.	Design of Reinforcement Concrete Chimney
H.D	Detail Survey for Regional Area (Al-Wahada Section-Baghdad)
M.Sc.	Suggested Model for Stress & Deflection Analysis in Multi-Layer Elastic Flexible Pavement Using FEM.
Ph.D.	Development of Model for Fatigue Prediction in Flexible Pavement.
Post-Dr	Development of a New Aggregate-Binder Adhesion Test Method

**ACADEMIC HONORS AND AWARDS:**

Establishment	Academic Title	Date of Commencement
Foundation of Technical Education / Babylon -Technical Institute	Engineer	1994-1999
	Assist Teacher	2003-2000
Foundation of Technical Education / Technical college-Baghdad	Teacher / Head of Survey Dept.	2005-2003
Al -Mustansriya University	Teacher / Director of Road and Transportation Dept.	2007-2005
Al -Mustansriya University	Teacher /Director of higher studies Road and Transportation Dept.	2008-2009
Al -Mustansriya University	Teacher / Director of Road and Transportation Dept.	2010-2011
Al -Mustansriya University	Assist Prof / Road and Transportation Dept.	3-7-2011
University of Liverpool	Visitor staff-Assist Prof,	29-11-2013 -5/3/2015

الأستاذ المساعد الدكتور  
عبدالحق هادي عبد الله الخداد  
معاون العميد للشؤون العامة

أ.م.د.  
قيس صاحب الموسوي  
رئيس قسم الطرق والنقل

**ACADEMIC / TEACHING EXPERIENCE**

Title Work	Company	Nature of activity	Date
Engineer in Al-Hakam Factory	Al-Faw Company	Consultant	1993
Engineer in School Construction	Al-Faw Company	Consultant	1994
Construct Engineer in Technical college - Baghdad	Foundation of Technical Education	Consultant	2003
Construct Engineer in Library Building (Technical college-Baghdad)	Foundation of Technical Education Technical College Baghdad	Designer	2003
Construct Engineer in paved square for Technical college Baghdad	Foundation of Technical Education Technical College Baghdad	Designer	2004
Construction Slab of circle room in technical college	Foundation of Technical Education	Designer	2004
Adviser Engineer in Highway Dept.	Al-Faw Company-Adviser office	Consultant	2001-2002
Adviser Engineer in Design Dept.	State Company Implementation Transportation And Communication (SCITAC)	Consultant	2001-2002
Adviser Engineer in Studies Dept.	Iraqi Republic Railway (IRR)	Consultant	2001-2002
Design Engineer in Al-Mahmuday Building	Technical college-Baghdad	Designer	2005
Design Engineer in Roads for Bakham Dam / Erbal	Technical college-Baghdad	Designer	2005
Detailed survey of the front shrine Alkazemian	Engineering Consulting Bureau - International Islamic University in London (the late Dr. Eng Mohamed Ali al-Shahristani)	Surveyor	2005
Expand the terminal's internal shrine Alkazemian and Reinforcement the stone columns and domes lifted above the concrete bridges		Designer	2006
Brush the grave of the Imams Alkazemian marble (inside the tomb) and replace the old wooden cage			2006
Regional Director of the Group of geographic information systems for the South Central Region (Babylon, Wasit, Karbala, Najaf - Diwaniyah)	the strengthening of local government - South Central region - Technical College Baghdad	Consultant	2007-2009
Chairman of the Audit Code of poll site - Ministry of Construction	Engineering Consultancy Bureau - College of Engineering - University of Mustansiriya	Consultant	2010 - cont.
Install the limits of the Department of General of the Authority for the protection of crops - Abu Ghraib		Consultant	2011

**courses Taught:**

Curriculums	Stage	Dept.	College	University	Date (from-to)
Mechanical Drawing	First	Civil Dept.	Babylon Institute	Foundation of Technical Education	1994-1997
Computer program	First				
Civil Drawing	Second	Civil & Road Dept.	Babylon Institute	Foundation of Technical Education	1998-2000
Road Drawing	First				
Survey I	Second				
Survey II	Second	Survey Dept	Technical College	Foundation of Technical Education	2000-2003
Traffic Engineering					
Construction Road Equipment Project	First	Survey Dept	Technical College	Foundation of Technical Education	2000-2003
Perspective Engineering	Second				
Statistical Engineering	Fourth				
Maintenance of Survey Equipment Project	Second	Road & Transportation Dept	Engineering College	Al - Mustansriya University	2003-2012
Asphalt Technology	Third				
Asphalt Lab.	Fourth	Civil Dept	Engineering College	Babylon University	2006-7
Pavement Structural Design Project	Fourth				
Transportation Engineering	Fourth	Civil Dept	Engineering College	Babylon University	2006-7
Transportation Engineering	Fourth	Civil Dept	Engineering College	Babylon University	2006-7
Higher Studies					2009-2011
Railway and Airport Engineering	Higher	Road & Transportation Dept	Engineering College	Al - Mustansriya	2009-2011
Advance Pavement Structure					2010-2016
Advance Pavement Materials					

**PROFESSIONAL AFFILIATIONS:**

- Chairman, Diversity Committee
- President,

**PUBLICATIONS:**

Title of Research Papers	Place of Publication	Date of Publication	Participants
Numerical Analysis for Two Dimensional Flow Below New- Hindiya Main Barrage	Al-Taqani Journal	16/12/2002	Dr. Abdulhaq H. Al-Haddad
Effect of Change Materials Properties used on the Pavement Layer and Thickness on deflection distribution using FEM	Al-Taqani Journal	2/6/2004	Dr. Abdulhaq H. Al-Haddad Dr. Shyamm AbdulMutlab
The Effect of Changing Soil Permeability resulting from Sediment Materials on the Head Distribution under New Hindiya Main Barrage	Al-Taqani Journal	Vol.18 / Journal No.2 2005	Dr. Abdulhaq H. Al-Haddad
Developed Predicted Model for Fatigue in Flexible Pavement	Babylon University Journal	Vol.14; No. 4 -2007	Dr. Abdulhaq H. Al-Haddad
Predicated Creep Crack Growth Rate Parameter for Asphalt Pavement by Fracture Mechanics	Babylon University Journal	Vol.15 / No. 3 -2008	Dr. Abdulhaq H. Al-Haddad
Effect of Mineral Filler and Additives Materials on the Adhesion Properties between Asphalt and Aggregate.	Journal of kerbala university	Vol: 6 Issue: 1 Pages: 208-217 ISSN: 18130410; Year: 2008	Dr. Abdulhaq H. Al-Haddad
Characterizing the Local Aphalt Concrete Properties as a Viscoelastic Material.	Babylon University Journal	No. 403 No. 22- 4 -2008	Dr. Abdulhaq H. Al-Haddad
Numerical Calculation for Equivalent Single Wheel Load (ESWL)	Al-Qadisiya Journal For Engineering Sciences	Vol.2 / No. 2 ; 4-3-2009	Dr. Abdulhaq H. Al-Haddad
Accuracy in Digital Base Map Production for Hillah City	1 <sup>st</sup> Engineering Conference – Babylon University – Engg. College ; 17-18 May 2009	The Iraqi Journal For Mechanical And Material Engineering, Special Issue (D)	Dr. Abdulhaq H. Al-Haddad
Evaluation of Al-Muthana Express way using GIS Tool	1 <sup>st</sup> international Geomatics engineering conference	114 22-12-2010	Dr. Abdulhaq H. Al-Haddad Maha O. Al-Mumais
Effect of Axle and Dual Spacing on Horizontal Strain Distribution for Flexible Pavement	Journal of Engineering and Development; Eng. College ; Al-Mustansiriya University	Vol. 14, No. 4, December (2010)	Dr. Abdulhaq H. Al-Haddad Maha O. Al-Mumais

Mixtures <a href="http://iasj.net/iasj?func=fulltext&amp;aId=31317">http://iasj.net/iasj?func=fulltext&amp;aId=31317</a>	(NUCEJ)	pp.122-136	
Effect of Rubber Modified Asphalt on the Permanent Deformation of Asphalt pavement	Journal of Engineering and Development; Eng. College ; Al-Mustansiriya University	4509 22-9-2011	Dr. Abdulhaq H. Al-Haddad Rana Amir Yousif
Development of Delay Models for Roundabouts <a href="http://www.iasj.net/iasj?func=fulltext&amp;aId=28694">http://www.iasj.net/iasj?func=fulltext&amp;aId=28694</a>	Journal of Engineering and Development; Eng. College ; Al-Mustansiriya University	Vol. 16, No.1, March 2012 ISSN 1813- 7822	Dr. Gandhi G. Sofia Dr. Abdulhaq H. Al-Haddad Eng. Israa Saeed Al-Haydari
Trip Generation Modeling for Selected Zone in Dywania City <a href="http://www.iasj.net/iasj?func=fulltext&amp;aId=68209">http://www.iasj.net/iasj?func=fulltext&amp;aId=68209</a>	Journal of Engineering and Development; Eng. College ; Al-Mustansiriya University	Vol. 16, No.4, Dec. 2012 ISSN 1813- 7822	Dr. Gandhi G. Sofia Dr. Abdulhaq H. Al-Haddad Eng. Hamsa A.N. Al-Zubaidy
Effect of Railway Track Elements Properties on Stresses Distribution <a href="http://www.iiscer.com/index.php?m=content&amp;c=index&amp;a=snow&amp;catid=120&amp;id=48">http://www.iiscer.com/index.php?m=content&amp;c=index&amp;a=snow&amp;catid=120&amp;id=48</a>	International Journal of Structural and Civil Engineering Research	Vol. 2, No. 2, May 2013; pp;116-128 ISSN 2319 – 6009	Dr. Abdulhaq H. Al-Haddad Atheer Naji Hameed Sinan Khaleel Ibrahim
Production Thematic Map for Predicated CBR and $M_R$ Values for Subgrade Soil of Baghdad City Using GIS Tools <a href="http://www.iasj.net/iasj?func=fulltext&amp;aId=71219">http://www.iasj.net/iasj?func=fulltext&amp;aId=71219</a>	Journal of Engineering and Development; Eng. College ; Al-Mustansiriya University	Vol. 71, No.7, Mar. 2013, ISSN 1813- 7822	Dr.Saad Farhan Ibrahim Dr. Abdulhaq H. Al-Haddad Eng. Ali Muhi Ahmmed
An Evaluation Study of Subgrade Soil Characteristics of Al-Kadhimiya Municipality Using GIS Techniques	6 <sup>th</sup> session of the international congress	GEOTUNIS 26-30 <sup>th</sup> March 2012	Dr.Saad Farhan Ibrahim Dr. Abdulhaq H. Al-Haddad Eng. Ali Muhi Ahmmed
The Effectiveness of a Computerized Training Program to Develop the Basic Skills of Engineering Drawing for Students of the Engineering Faculties and Attitudes towards it.	1 <sup>st</sup> Engineering Education Conference, Kurdistan Region University of Duhok 17-19 April 2012	36 9-3-2012	د. وهيب مجيد الكبيسي ا.م.د عبد الحق هادي عبد علي د اسماعيل صناع عيد
Evaluating the Adequacy of SIDRA Intersection and SYNCHRO Models under Local Traffic Conditions.	1 <sup>st</sup> Engineering Conference Comprehensive Research Theses (7-8 May 2012)	Eng. College ; Al-Mustansiriya University	Dr. Gandhi G. Sofia Dr. Abdulhaq H. Al-Haddad Eng. Israa Saeed Al-Haydari
Modeling Trip Generation	1 <sup>st</sup> Engineering Conference		

	(7-8 May 2012)		
<p><b>Development of a new aggregate-binder adhesion test method</b></p> <p><a href="http://www.crcnetbase.com/doi/abs/10.1201/b18538-56">http://www.crcnetbase.com/doi/abs/10.1201/b18538-56</a></p>	<p>Bituminous Mixtures and Pavements VI</p> <p>Edited by A. Nikolaides</p>	<p>CRC Press 2015</p> <p>Pages 385–394</p> <p>Print ISBN: 978-1-138-02866-1</p> <p>eBook ISBN: 978-1-315-66816-1</p> <p>DOI: 10.1201/b18538-56</p> <p>2015 Taylor &amp; Francis Group, London,</p>	<p>Dr. Abdulhaq H. Al-Haddad</p> <p>Dr. H.Al-Khalid</p>
<p><b>Construction of a Complex Shear Modulus Master Curve for Iraqi Asphalt Binder using a Modified Sigmoidal Fitting</b></p> <p><a href="http://ijsetr.com/uploads/542316IJSETR4150-129.pdf">http://ijsetr.com/uploads/542316IJSETR4150-129.pdf</a></p>	<p>International Journal of Scientific Engineering and Technology Research;</p> <p>Impact factor =3.762</p>	<p>Vol.04,Issue.04,</p> <p>Pages:0682-0690</p> <p>ISSN 2319-8885</p> <p>February-2015</p>	<p>Dr. Abdulhaq H. Al-Haddad</p>
<p><b>Predicted Minimum Required Energy for Modified Asphalt Binders to Flow</b></p> <p><a href="http://ijsetr.com/uploads/364125IJSETR4151-134.pdf">http://ijsetr.com/uploads/364125IJSETR4151-134.pdf</a></p>	<p>International Journal of Scientific Engineering and Technology Research; Impact factor =3.762</p>	<p>Vol.04,Issue.04,</p> <p>Pages: 0720-0725</p> <p>ISSN 2319-8885</p> <p>February-2015</p>	<p>Dr. Abdulhaq H. Al-Haddad</p>
<p><b>Predicting complex shear modulus using artificial neural networks</b></p> <p><a href="http://www.academicjournals.org/journal/JCECT/article-abstract/CDEA8F552269">http://www.academicjournals.org/journal/JCECT/article-abstract/CDEA8F552269</a></p>	<p>Academic Journals- Journal of Civil Engineering and Construction Technology</p>	<p>Article Number –CD EA8F552269,</p> <p>Vol.6(3), pp. 15-26 , April 2015</p> <p>DOI: 10.5897/JCECT2015.0357</p> <p>ISSN: 2141-2634</p> <p>Received: 1 February 2015</p> <p>Accepted: 30 March 2015</p> <p>Published: 30 April 2015</p>	<p>Dr. Abdulhaq H. Al-Haddad</p>
<p><b>Fatigue Evaluation of Iraqi Asphalt Binders based on the Dissipated Energy and VECD Approaches</b></p> <p><a href="http://www.academicjournals.org/journal/JCECT/article-full-text/2961AE452271">http://www.academicjournals.org/journal/JCECT/article-full-text/2961AE452271</a></p>	<p>Academic Journals- Journal of Civil Engineering and Construction Technology</p>	<p>Article Number -2961AE452271 ;</p> <p>Vol.6(3), pp. 27-50 , April 2015</p> <p>DOI: 10.5897/JCECT2015.0356</p> <p>ISSN: 2141-2634</p> <p>Received: 29 January 2015</p> <p>Accepted: 25 March 2015</p> <p>Published: 30 April 2015</p>	<p>Dr. Abdulhaq H. Al-Haddad</p>

Fulltext&aId=11115			Iraq
<p>FRACTURE PROPERTIES OF LOCAL ASPALT CONCRETE</p> <p><a href="http://www.iasj.net/iasj?func=fulltext&amp;aId=11115">http://www.iasj.net/iasj?func=fulltext&amp;aId=11115</a></p>	<p>Journal of Engineering ; Baghdad University</p>	<p>Volume 22 ; Number 7 July 2016</p>	<p>Prof. HAMED M. H. AL-HAMDOU Dr. Abdulhaq H. Al-Haddad Dr. MOHAMMED Z. MOHAMEDMEKI</p>
<p>Trip Production Modeling for Selected Zone in AL-Amarah City.</p> <p><a href="http://iceit2016.su.edu.krd/documents/abstract/ICEIT-1.pdf">http://iceit2016.su.edu.krd/documents/abstract/ICEIT-1.pdf</a></p>	<p>1<sup>st</sup> International Conference on Engineering and Innovative Technology</p>	<p>SU-ICEIT 2016, April 12-14, 2016 Salahaddin University-Erbil, Kurdistan, Iraq</p>	<p>Dr. Abdulhaq H. Al-Haddad Mrs. Gofran J. Qasim</p>
<p>Determination of Fracture Characteristics for Local Rigid Pavement Materials in Iraq.</p>	<p>Journal of Engineering and Development; Eng. College Al-Mustansiriya University</p>		<p>Dr. Zainab A. AL-Kaissi Dr. Abdulhaq H. Al-Haddad Eng. Ahmed Abdul Ameer</p>
<p>Evaluation of Pavement Layers Thickness for Al-Kut- Baghdad Rural Highway Using Ground Penetrating Radar</p> <p><a href="http://www.ijscer.com/index.php?m=content&amp;c=index&amp;a=show&amp;catid=121&amp;id=20">http://www.ijscer.com/index.php?m=content&amp;c=index&amp;a=show&amp;catid=121&amp;id=20</a></p>	<p>International Journal of Scientific Engineering and Technology Research; Impact factor =3.762</p>	<p>Vol. 2, No. 3, pp. 32-38, August 2013</p>	<p>Dr. Abdulhaq H. Al-Haddad Eng. Ahmed Ali Abed</p>
<p>Utilization of remote sensing and geographic information system for investigation of best route between Iraq and Kingdom of Saudi Arabia</p> <p><a href="https://pure.utm.my/en/publications/uitlization-of-remote-sensing-and-geographic-information-system-f">https://pure.utm.my/en/publications/uitlization-of-remote-sensing-and-geographic-information-system-f</a></p>	<p>In 34th Asian Conference on Remote Sensing 2013, ACRS 2013- Bali, Indonesia.</p>	<p>Vol. 5, pp. 4385-4395. Asian Association on Remote Sensing 2013, ACRS 2013. ISBN (Print) 9781629939100</p>	<p>Hashim ali Hasab Maged Marghany Dr. Abdulhaq H. Al-Haddad Anuar Bin Ahmad</p>
<p>Long Term Dry and Wet Effects on the Engineering Behavior of Subgrade Soil with high amount of soluble salts using Low Cost Stabilizers</p> <p><a href="http://www.ojceu.ir/main/attach">http://www.ojceu.ir/main/attach</a></p>	<p>Journal of Civil Engineering and Urbanism</p>	<p>Volume 4, Issue 5; p.p 492-500 (2014) ISSN-2252-0430.</p>	<p>Dr.Saad Farhan Ibrahim Dr. Abdulhaq H. Al-Haddad Eng. Mohammed Salah Ibrahim</p>

PROFESSIONAL DEVELOPMENT:

Conferences title	Place and Date of Conferences	Nature of Participation
3 <sup>rd</sup> annual Conference for Higher Education Student	University of Technology- 1999	Participation
2 <sup>nd</sup> Iraqi Conference for Civil Engineering	Al-Anbar University - 2000	Participation
1 <sup>st</sup> Engineering conference for civil Engineering	Al-Qudesyh University	Participation
1 <sup>st</sup> Engineering conference for Civil Engineering	Babylon University – Engineering College. 17-18 May 2009	Participation
1 <sup>st</sup> International Conference in Geomatics Engineering Applications	University of Technology – Building & Construction Dept. 15-16 December 2010	Participation
1 <sup>st</sup> Scientific Engineering Conference ( Asphalt Mixture and flexible pavement in Iraq)	Reconstruction and Housing Ministry ( 20- June-2011)	Participation
6 <sup>th</sup> session of the international congress GEOTUNIS 26-30 <sup>th</sup> March 2012	The Tunisian Association of Digital Geographic Information	Participation
1 <sup>st</sup> Engineering Education Conference,	Kurdistan Region , University of Duhok , 17-19 April 2012	Participation
1 <sup>st</sup> Engineering Conference Comprehensive Research Theses	Eng. College ; Al-Mustansiriya University, (7-8 May 2012)	3 papers- participation
In 34 <sup>th</sup> Asian Conference on Remote Sensing 2013. ACRS 2013- Bali, Indonesia.	Asian Association on Remote Sensing 2013. ACRS 2013.	Participation
6 <sup>th</sup> International Conference "Bituminous Mixtures and Pavements". June 2015	Thessaloniki, Greece, 10-12 June 2015	1 paper Participation
The 2 <sup>nd</sup> International Conference of Buildings, Construction and Environmental Engineering (BCEE2-2015)	American university-Beirut 16-18/11-2015	1 paper Participation
1 <sup>st</sup> International Congress on Technology, Engineering and Science 2016	Feb 13-14/2016 KUALA LUMPUR, MALAYSIA	1 paper Participation
1 <sup>st</sup> International Conference on Engineering and Innovative Technology	SU-ICEIT 2016, April 12-14, 2016 Salahaddin University-Erbil, Kurdistan, Iraq	1 paper Participation