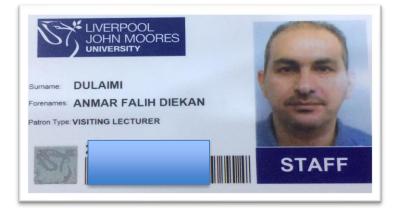
### Anmar Dulaimi, BSc MSc Ph.D. AFHEA Aff.M.ASCE FIHE

- Anmar graduated in Civil Engineering in 2003 from Faculty of Engineering, Babylon University, Iraq.
- In 2008, Anmar obtained **MSc** in Road and Transportation Engineering from the University of Babylon in Iraq.
- In 2017, he obtained a **PhD** in Civil Engineering Highway and Pavement engineering from Liverpool John Moores University in the UK.



- **Experience** covers the use of advanced pavement materials, cold mix technologies, working on sustainable materials, developing new cementitious materials.
- He is a **reviewer** on two international journals in Elsevier. The first one is the Journal of cleaner production with 5-Year Impact Factor: 6.207. The second one is the construction and building materials journal with an impact factor of 3.485.
- He supervised 7 master students at the Department of Civil Engineering in Liverpool John Moores University, 2017.
- He supervised 4 undergraduate students at the Department of Civil Engineering in Liverpool John Moores University, 2016 and 2017.
- He is **visiting fellow research** at the Department of Civil Engineering, Faculty of Engineering and Technology at Liverpool John Moores University in the UK.
- He is now a lecturer at the University of Warith Al-Anbiya'a, Karbala, Iraq.
- He is Editor of the International Journal of Pavement Engineering & Asphalt Technology, (PEAT) ISSN 1464-8164, Liverpool, UK.



His details are here: -

1. Scopus review

https://www.scopus.com/authid/detail.uri?authorId=57190370889 h-index: 5

- ResearchGate: https://www.researchgate.net/profile/Anmar\_Dulaimi Score: 14.11
- Google scholar: https://scholar.google.com/citations?user=ERaylKIAAAAJ&hl=en h-index: 5
- 4. LinkedIn: https://www.linkedin.com/in/anmar-dulaimi-baa46750/
- 5. Email: A.F.Dulaimi@ljmu.ac.uk; anmarfaleh@yahoo.com; anmardiekan@gmail.com

### List of peer-reviewed published journal papers

- Anmar Dulaimi, Hayder Kamil Shanbara, Ali Al-Rifaie (2020), The mechanical evaluation of cold asphalt emulsion mixtures using a new cementitious material comprising groundgranulated blast-furnace slag and a calcium carbide residue, Construction and Building Materials, 250. https://doi.org/10.1016/j.conbuildmat.2020.118808
- Nadia Abduljabbar, Shakir Al-Busaltan, Anmar Dulaimi, Ola Al Jawad (2020), Evaluating of Aging Behaviour of Thin Asphalt Overlay Modified with Sustainable Materials, The International Journal of Pavement Engineering & Asphalt Technology, 21, 162-173. DOI: 10.1515/ijpeat-2016-0039
- Dulaimi, A., Nageim, H. A., Ruddock, F. & Seton, L. (2017), Laboratory Studies to Examine the Properties of a Novel Cold-Asphalt Concrete Binder Course Mixture Containing Binary Blended Cementitious Filler, Journal of Materials in Civil Engineering, 29, 9. DOI: http://dx.doi.org/10.1061/(ASCE)MT.1943-5533.0001975.
- Dulaimi, A., Al Nageim, H., Ruddock, F. & Seton, L. (2017), High performance cold asphalt concrete mixture for binder course using alkali-activated binary blended cementitious filler, Construction and Building Materials, 141, 160-170. doi.org/10.1016/j.conbuildmat.2017.02.155.

- Dulaimi, A., Al Nageim, H., Ruddock, F. & Seton, L. (2017), Performance analysis of a Cold Asphalt Concrete Binder Course Containing High Calcium Fly Ash Utilizing Waste Material. Journal of Materials in Civil Engineering, 29, 7. DOI: 10.1061/(ASCE)MT.1943-5533.0001883.
- Dulaimi, A., Al Nageim, H., Ruddock, F. & Seton, L. (2016), New developments with cold asphalt concrete binder course mixtures containing binary blended cementitious filler (BBCF), Construction and Building Materials, 124, 414-423. doi.org/10.1016/j.conbuildmat.2016.07.114
- Anmar Dulaimi, Hassan Al Nageim, Felicite Ruddock and Linda Seton. (2015). A Novel Cold Asphalt Concrete Mixture for Heavily Trafficked Binder Course. International Journal of Civil, Environmental, Structural, Construction and Architectural Engineering. Vol: 9, No: 8, 734-738.
- Ali Abdulhussein Shubbara, Hassnen Jafer, Anmar Dulaimi, Khalid Hashim, William Atherton, Monower Sadique (2018). The development of a low carbon binder produced from the ternary blending of cement, ground granulated blast furnace slag and high calcium fly ash: An experimental and statistical approach, Construction and Building Materials, 187, 1051-1060. https://doi.org/10.1016/j.conbuildmat.2018.08.021.
- 9. Ali Shubbar, Hassnen M Jafer, Anmar Dulaimi, William Atherton., Ali Al-Rifaie (2017). The Development of a New Low Carbon Cementitious Material Produced from Cement, Ground Granulated Blast Furnace Slag and High Calcium Fly Ash. International Journal of Civil, Environmental, Structural, Construction and Architectural Engineering. Vol: 11, No: 7, 905-908.
- Zainab S. Al-khafaji, Hassnen Jafer, Anmar Dulaimi, W. Atherton and Zainab Al Masoodi, The Effect of Using Fluid Catalytic Cracking Catalyst Residue (FC3R) "as a Cement Replacement in Soft Soil Stabilisation", International Journal of Civil Engineering and Technology, 9(4), 2018, pp. 522–533.

http://www.iaeme.com/IJCIET/issues.asp?JType=IJCIET&VType=9&IType=4

### List of Peer-Reviewed Conference Papers

- Anmar Dulaimi, Hayder Kamil Shanbara, and Shakir Al-Busaltan. Effect of Calcium Carbide Residue and Cellulose Fibers on Performance Evaluation of Cold Asphalt Emulsion Mixes. The 19th Annual International Conference Asphalt, Pavement Engineering and Infrastructure. 11th -12th March 2020. Liverpool, UK.
- Anmar Dulaimi, Hayder H Shanbara, and Manar Herez. Usage of Carbide Lime As A Filler In Hot Mix Asphalt. The 18th Annual International Conference Asphalt, Pavement Engineering and Infrastructure. 27<sup>th</sup> -28<sup>th</sup> Feb 2019. Liverpool, UK.
- Anmar Dulaimi, Manar Herez, Hassnen M. Jafer, and Hassan Al Nageim. Performance of a cold close graded surface course mixture using a new cementations material from waste lime and GGBS. The 17<sup>th</sup> Annual International Conference Asphalt, Pavement Engineering and Infrastructure. 21<sup>st</sup>-22<sup>nd</sup> Feb 2018. Liverpool, UK.
- Anmar Dulaimi, Hassan Al Nageim, Felicite Ruddock and Linda Seton. A Novel Cold Bituminous Emulsion Mixture for Road Pavement using A New Cementitious Filler. The 3<sup>rd</sup> BUiD Doctoral Research Conference, the British University in Dubai, 13<sup>th</sup> May 2017, UAE.
- Anmar Dulaimi, Hassan Al Nageim, Felicite Ruddock and Linda Seton. Microwave Technique to Develop Cold Asphalt Concrete Bituminous Emulsion Mixture Using New Cementitious Filler. The 16<sup>th</sup> Annual International Conference Asphalt, Pavement Engineering and Infrastructure. 22<sup>nd</sup> -23<sup>rd</sup> Feb 2017. Liverpool, UK.
- Anmar Dulaimi, Hassan Al Nageim, Felicite Ruddock and Linda Seton. Performance Assessment and Microstructure of New Cold Asphalt Concrete Binder Course Mixture Using GGBS and CKD. The 16<sup>th</sup> Annual International Conference Asphalt, Pavement Engineering and Infrastructure. 22<sup>nd</sup> -23<sup>rd</sup> Feb 2017. Liverpool, UK.
- Anmar Dulaimi, Hassan Al Nageim, Khalid Hashim, Felicite Ruddock and Linda Seton. Microanalysis of a New Cementitious Material to Use as a Filler in a Cold Dense Graded Binder Course Mixture. The 9<sup>th</sup> Manchester Metropolitan University Postgraduate Research Conference. 22nd February 2017. Manchester, UK. Poster presentation.
- Anmar Dulaimi, Hassan Al Nageim, Khalid Hashim, Felicite Ruddock and Linda Seton. Investigation into the stiffness improvement, microstructure and environmental impact of a novel fast-curing cold bituminous emulsion mixture. The 6<sup>th</sup> Eurasphalt & Eurobitume

**Congress.** 1– 3 June 2016 – Prague Congress Centre, **Czech Republic**. (DOI): dx.doi.org/10.14311/EE.2016.425.

- Anmar Dulaimi, Hassan Al Nageim, Felicite Ruddock and Linda Seton. Microanalysis of Alkali-Activated Binary Blended Cementitious Filler in a Novel Cold Binder Course Mixture. The 38<sup>th</sup> International Conference on Cement Microscopy, April 17-21, 2016, Lyon, France.
- Hassan Al Nageim, Anmar Dulaimi, Felicite Ruddock and Linda Seton. Development of a New Cementitious Filler for Use in Fast-Curing Cold Binder Course in Pavement Application. The 38<sup>th</sup> International Conference on Cement Microscopy, April 17-21, 2016, Lyon, France.
- 11. Anmar Dulaimi, Hassan Al Nageim, Felicite Ruddock and Linda Seton. Assessment the Performance of Cold Bituminous Emulsion Mixtures with Cement and Supplementary Cementitious Material for Binder Course Mixture. The 38<sup>th</sup> International Conference on Cement Microscopy, April 17-21, 2016, Lyon, France.
- 12. Anmar Dulaimi, Hassan Al Nageim, Felicite Ruddock and Linda Seton. The Effect of High Calcium Fly Ash Fineness on the Stiffness Modulus of a New Cold Asphalt Concrete for Binder Course Mixture. The 2<sup>nd</sup> BUiD Doctoral Research Conference, the British University in Dubai, 14<sup>th</sup>-15<sup>th</sup> May 2016, UAE.
- 13. Hayder K. Shanbara, Anmar Dulaimi, and Felicite Ruddock. The Linear Elastic Analysis of Cold Mix Asphalt by Using Finite Element Modeling. The 2<sup>nd</sup> BUiD Doctoral Research Conference, the British University in Dubai, 14<sup>th</sup>-15<sup>th</sup> May 2016, UAE.
- 14. Anmar Dulaimi, Hassan Al Nageim, Felicite Ruddock and Linda Seton. Developing a New Cementitious Material from Wastes to Use as a Filler Substitution in a Novel Cold Binder Course Mixture. Post Graduate Research Week Conference, Faculty of Engineering and Technology, Liverpool John Moores University. 9<sup>th</sup>-13<sup>th</sup> May 2016. Liverpool, UK. Poster presentation.
- 15. Anmar Dulaimi, Hassan Al Nageim, Felicite Ruddock and Linda Seton. High Performance Cold Asphalt Concrete Mixtures Using Alkali-Activated Binary Blended Cementitious Filler System. The 15<sup>th</sup> Annual International Conference Asphalt, Pavement Engineering and Infrastructure. 24<sup>th</sup> -25<sup>th</sup> Feb 2016. Liverpool, UK.
- 16. Anmar Dulaimi, Hassan Al Nageim, Felicite Ruddock and Linda Seton. Microanalysis of a New Cementitious Material to Use as a Filler in a Cold Dense Graded Binder Course Mixture. The 15<sup>th</sup> Annual International Conference Asphalt, Pavement Engineering and Infrastructure. 24<sup>th</sup> -25<sup>th</sup> Feb 2016. Liverpool, UK.

- 17. Anmar Dulaimi, Hassan Al Nageim, Felicite Ruddock and Linda Seton. A Novel Cold Asphalt Concrete Mixture for Heavily Trafficked Binder Course. The 17<sup>th</sup> International Conference on Civil, Environmental and Geological Engineering. August 13<sup>th</sup>- 14<sup>th</sup> 2015, Venice, Italy. ISSN: 1307-6892, ISBN: 2010-376X.
- 18. Anmar Dulaimi, Hassan Al Nageim, Felicite Ruddock and Linda Seton. Development of sustainable cold asphalt concrete binder course mixtures using waste fly ash and new waste activator. Post Graduate Research Week Conference, Faculty of Engineering and Technology, Liverpool John Moores University. 15th-19th June 2015. Liverpool, UK.
- Anmar Dulaimi, Hassan Al Nageim, Felicite Ruddock and Linda Seton. Development of Sustainable Cold Asphalt Concrete Binder Course Mixtures Using Waste Fly Ash and Metakaolin. The 12<sup>th</sup> International Postgraduate Research Conference, Salford University, Media City, Manchester on 10<sup>th</sup>-12<sup>th</sup> June, 2015. Manchester, UK.
- 20. Anmar Dulaimi, Hassan Al Nageim, Felicite Ruddock and Linda Seton. Improving the Stiffness Modulus of Cold Asphalt Concrete Binder Course. The 14<sup>th</sup> Annual International Conference Asphalt, Pavement Engineering and Infrastructure. 11<sup>th</sup>-12<sup>th</sup> Feb 2015. Liverpool, UK.
- 21. Hassan Al Nageim, Anmar Dulaimi, Felicite Ruddock and Linda Seton. Cold Mix Binder Course for Roads & Highways. The 14<sup>th</sup> Annual International Conference Asphalt, Pavement Engineering and Infrastructure. 11<sup>th</sup> -12<sup>th</sup> Feb 2015. Liverpool, UK.
- 22. Dulaimi, A., Al Nageim, H., Ruddock, R., Seton, L. Development of A Cold Binder Course Bituminous Emulsion Mixture, BEAN (Built Environment & Natural Environment) 8<sup>th</sup> Annual Conference. 2014. Liverpool, UK. Extended abstract.
- 23. H. K. Shanbara, A. Dulaimi, F. Ruddock, W. Atherton, & G. Rothwell. Cold and hot asphalt pavements modelling. Tenth International Conference on the Bearing Capacity of Roads, Railways and Airfields, 28<sup>th</sup> to 30<sup>th</sup> June 2017 Athens, Greece.
- 24. Alaa Abbas, Anmar Dulaimi, Hayder Shanbara, Felicite Ruddock. Impact of new method for laying separate sewer system on pavement layers. The 3<sup>rd</sup> BUiD Doctoral Research Conference, the British University in Dubai, 13th May 2017, UAE.
- 25. Ali Shubbar, W. Atherton, Hassnen M Jafer, Anmar Dulaimi, Duaa AL-Faluji. The Development of a New Cementitious Material Produced from Cement and GGBS. The 3<sup>rd</sup> BUiD Doctoral Research Conference, the British University in Dubai, 13th May 2017, UAE.
- 26. Duaa Al-Faluji1, Hassnen M Jafer, Anmar Dulaimi, W. Atherton4, Ali Shubbar. The effect of CKD content on the geotechnical properties of GGBS-stabilised kaolin clays. **The 3<sup>rd</sup>**

**BUiD Doctoral Research Conference**, the British University in Dubai, 13<sup>th</sup> May 2017, UAE.

- 27. Ruqayah Al-khafajia, Hassnen M Jafer, Anmar Dulaimi, W. Atherton, Zahraa Jwaida. Soft soil stabilisation using ground granulated blast furnace slag. The 3<sup>rd</sup> BUiD Doctoral Research Conference, the British University in Dubai, 13<sup>th</sup> May 2017, UAE.
- 28. Zahraa Jwaida, Anmar Dulaimi, Hassnen M Jafer, W. Atherton, Ruqayah Al-Khafaji e. Soft Subgrade Stabilisation Using Cement Kiln Dust and Ground Granulated Blast Slag. The 3<sup>rd</sup> BUiD Doctoral Research Conference, the British University in Dubai, 13<sup>th</sup> May 2017, UAE.
- 29. Zainab Al Khafaji, Hassnen M Jafer, Anmar Dulaimi, W. Atherton, Zainab O. Al Masoodi. The Soft Soil Stabilisation Using Binary Blending of Ordinary Portland Cement and High Alumina Silica Waste Material. The 3<sup>rd</sup> BUiD Doctoral Research Conference, the British University in Dubai, 13<sup>th</sup> May 2017, UAE.
- 30. Zainab O. Al Masoodi, W. Atherton, Anmar Dulaimi, Hassnen M Jafer, Zainab Al Khafaji. The effect of a high alumina silica waste material on the engineering properties of a cementstabilised soft soil. **The 3<sup>rd</sup> BUiD Doctoral Research Conference**, **the British University in Dubai**, 13<sup>th</sup> May 2017, **UAE**.
- 31. Talaat Abdelwahed, Hassan Al Nageim and Anmar Dulaimi. An Experimental Comparison between Surface Cold Mix Asphalt with Egyptian and UK Gradations. The 16<sup>th</sup> Annual International Conference Asphalt, Pavement Engineering and Infrastructure. 22<sup>nd</sup> -23<sup>rd</sup> Feb 2017. Liverpool, UK.
- 32. Manar Herez, Hassan Al Nageim and Anmar Dulaimi. Evaluation of Rutting Resistance of Micro-Asphalt Incorporating Recycled Asphalt Pavement (RAP) Using a Cementitious Filler. The 16<sup>th</sup> Annual International Conference Asphalt, Pavement Engineering and Infrastructure. 22<sup>nd</sup> -23<sup>rd</sup> Feb 2017. Liverpool, UK.
- 33. Khalid Hashim, Andy Shaw, Rafid Al Khaddar, Montse Ortoneda Pedrola, Anmar Dulaimi, Hassnen Jafer, Ali W. Alattabi, Hayder Shanbara. Modelling of initial pH influence on textile dye removal from water using electrocoagulation method experimental and statistical approach. The 9<sup>th</sup> Manchester Metropolitan University Postgraduate Research Conference .22nd February 2017. Manchester, UK. Poster presentation.
- 34. Ali Shubbar, Hassnen Jafer, Anmar Dulaimi, Hayder Al Hawesah. The Development of a Low Carbon Binder Produced from Cement, GGBS and CKD. The 2<sup>nd</sup> International Conference for Science & Arts. 7<sup>th</sup> March 2018, Babylon, Iraq.

#### Membership

- 1. Fellow of the Institute of Highway Engineers (FIHE), 2016, Fellow IHE Membership #: 44009852.
- Associate Fellow of Higher Education Academy (AFHEA), 2015, Recognition reference #: PR088063.
- **3.** Affiliate Member of American Society of Civil Engineers, Aff.M.ASCE, 2017, Membership Grade Transfer Customer ID: 10481169.
- **4. Member** of International Association of Advanced Materials (IAAM), 2017, membership Number: 714251442841.
- 5. Member of the International Society for Asphalt Pavements (ISAP), May 4, 2016.
- **6.** He is currently **Editor and Organizer** of the Annual International Conference Asphalt, Pavement Engineering and Infrastructure. Liverpool, UK.
- Associate Organizer of the Doctoral Research Conference by the British University in Dubai (BUiD) in the Engineering category that took place on 13<sup>th</sup> May 2017 BRDC Dubai 2017.
- **8.** He is a **member** of the editorial board the International Journal of Pavement Engineering & Asphalt Technology, (**PEAT**) ISSN 1464-8164, Liverpool, UK.
- He is Editor of the International Journal of Pavement Engineering & Asphalt Technology (PEAT), ISSN 1464-8164, Liverpool, UK.



To promote excellence in highway and transport engineering and just and honourable practice in the conduct of the profession

This is to certify that

# Anmar Dulaimi

was elected a

Fellow

of the Institute on

23<sup>rd</sup> November 2016

Witness our hands and seal at London

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# Certificate

This is to certify that Anmar Dulaimi

has achieved the status of Associate Fellow of The Higher Education Academy

in recognition of attainment against the UK Professional Standards Framework for teaching and learning support in higher education.

Recognition reference: PR088063 Date of recognition 30/06/2015

Sphashall

Professor Stephanie Marshall Chief Executive The Higher Education Academy

B Nutbeam

Professor Don Nutbeam Chairman of the Board of Directors The Higher Education Academy Board

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By action of the Board of Direction

## Anmar Falih Dulaimi, Aff.M.ASCE

has been elected

## Affiliate Member

who is entitled to all the privileges granted by the Constitution of the Society, an organization for the advancement of professional knowledge and the improvement of civil engineering.

Lua Kristina L. Swallow, P.E., ENV SP, F.ASCE ASCE President 2018 October, 2017

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AMERICAN SOCIETY OF CIVIL ENGINEERS 1852

Thomas W. Mith T

<sup>Image: Answer Falih Dulaimi, Aff.M.ASCE

Grade: Affiliate Member

Member ID#: 10481169

Image: Member ID#: 10481169

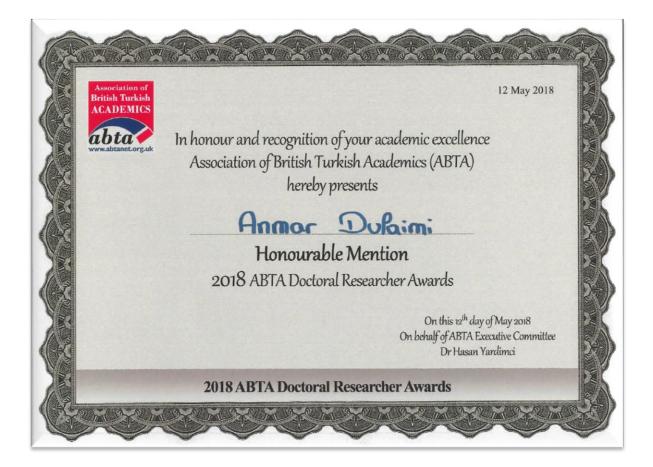
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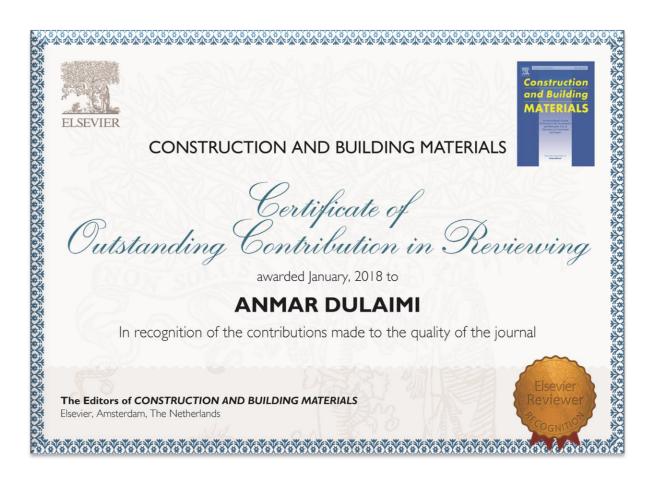
Image: Member ID#: 10481169</sup> 

#### Awards, honours and recognitions

- An Honourable Mention Award by the Association of British Turkish Academics (ABTA) in the Engineering category of the 2018 Doctoral Researcher Awards competition at University College London (UCL), on Saturday, 12 May, 2018. http://abtanet.org.uk/Awards/Detail/4/2018-ABTA-Doctoral-Researcher-Awards/
- 2. **Certificate of Outstanding Contribution in Reviewing** from the Construction and Building Materials journal, Elsevier January 2008 in recognition of the contributions made to the quality of the journal.
- An Honourable Mention Award by the Association of British Turkish Academics (ABTA) in the Engineering category of the 2017 Doctoral Researcher Awards competition at University College London (UCL), on Saturday, 20 May, 2017. http://www.abtanet.org.uk/Awards/Detail/10/2017-ABTA-Doctoral-Researcher-Awards
- 4. Awarded the Medal of Excellence by the Minister of Higher Education in Iraq on 24<sup>th</sup> January 2017 at the Iraqi embassy on London for achieving first place among around 2000 Iraqi PhD students in the UK due to the publication of 17 journal and conference papers up to that point in time.
- The Dean's Prize for the Best Thesis 2017 in the Faculty of engineering and Technology at Liverpool John Moores University in the Faculty Research Week Conference that took place on 26<sup>th</sup> May 2017.
- The Best Paper Award in the Doctoral Research Conference by the British University in Dubai (BUiD) in the Engineering category that took place on 13<sup>th</sup> May 2017. http://www.buid.ac.ae/Best-Papers-BDRC-2017
- Certificate of Appreciation and Recognition Award for achievements while studying at LJMU with regards to research, publications and promoting LJMU in the Faculty Research Week Conference by Liverpool John Moores university (LJMU) that took place on 26<sup>th</sup> May 2017.
- 8. Certificate of Appreciation by the Embassy of the Republic of Iraq in London to recognise my achievements in my PhD during LJMU Graduation ceremony on 14<sup>th</sup> July 2017.
- Awarded the Certificate of the best PhD achievements by the Iraqi Cultural Attaché in London during LJMU Graduation ceremony on 14<sup>th</sup> July 2017.
- Awarded the Certificate of Excellence by the Iraqi Ambassador in London on 5<sup>th</sup> March
   2017 at the Iraqi embassy on London due to excellent academic achievements.

- 11. **Awarded the Certificate of Excellence** by the Iraqi students society in the United Kingdom on 5<sup>th</sup> March 2017 at the Iraqi embassy on London due to excellent academic achievements.
- 12. The Award for The Paper with Best Potential Impact- Second Place- at Faculty Research week (LJMU Faculty of Technology and Engineering) 2016.
- 13. **The Award for The Best Poster Presentation-Joint Third Place** at Faculty Research Week (LJMU Faculty of Technology and Engineering) 2016.
- 14. **The Award for The Best Poster Presentation- Second Place-** at Faculty Research Week (LJMU Faculty of Technology and Engineering) 2015.
- 15. **The Award for The Best Extended Abstract-Runner Up-** in the BEAN conference (LJMU School of Built Environment) 2014.



























*	BEAN 2014 AWARD 🔶 RUNNER-UP	
	75	
	is presented to	
	Anmar Dulaimi	
	for	
	EXTENDED ABSTRACT	
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	LJMU SCHOOL OF THE BUILT ENVIRONMENT	2

