

Dr. CEng. Khalid Mohammed Breesem

Personal Data

Nationality: Iraqi
Date of Birth: 1 July 1968
Department: Technical Institute of Al-Mussaib - Civil Engineering
Official Email: inm.khld@atu.edu.iq
Phone No.: 009647715997161
Home Page: (Researchgate) https://www.researchgate.net/profile/Khalid_Breesem3
 (Google scholar) <https://scholar.google.com/citations?user=k4njdWIAAAAJ&hl=en&oi=ao>



Language Proficiency Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
November 2017	Ph.D	Malaysia	Civil Engineering, Infrastructure University Kuala Lumpur (IUKL), Unipark Suria, Jalan Ikram-Uniten.
Aug. 2005	M.Sc	Iraq	Building & Construction Engineering Department, University of Technology, Iraq.
Sep. 1993	B.Sc.	Iraq	Building & Construction Engineering Department, University of technology, Iraq.

LIST OF PUBLISHED (SELECTED) AND SUBMITTED ARTICLES

• Articles Published In International Journals

1. Breesem, K. M., Faris, F. G., & Abdel-Magid, I. M. (2014). Behaviour of Self-Compacting Concrete Using Different Sludge and Waste Materials – A General Overview. International Journal of Chemical, Environmental & Biological Sciences (IJCEBS), 2(3), 151--156.
2. K. M. Breesem, F. G. Faris, I. M. A.-M (2014). A short review of re-use Alum Sludge generated from drinking water treatment plants in making construction materials and concrete works. Infrastructure University Kuala Lumpur Research Journal (IUKLRJ), Vol., No.1, 2014.

3. Breesem, K. M., Faris, F. G., Abidin, R. Z., Yusof, N., Roseli, M., Abidin, Z., & Mohd, N. (2015). Influence of Calcination Temperatures on Microstructures of Alum Sludge and Its Pozzolanic Properties. *Australian Journal of Basic and Applied Sciences (SCOPUS)*, 9(28), 181–188.
4. Breesem, K. M., Abood, M. M., & Rahman, N. A. (2016). Influence of Magnesium Sulfate on Self-Compacting Alum Sludge Concrete Incorporating with Pozzolanic Materials. *Modern Applied Science (SCOPUS)*, 10(8), 187–197.

• **Articles Published in International Conference**

1. K. M. Breesem, F. G. Faris, I. M. A.-M (2014). Reuse of alum sludge in construction sector. In *International Conference of Engineering, Information Technology, and Science, 2014 (ICEITS 2014)*, date: 4 – 5 December 2014, Conference Venue: IOI Hotel & Golf Resort, Bandar Sunway, Malaysia.
2. Breesem, K. M., Faris, F. G., Abidin, R. Z., Yusof, N., Roseli, M., Abidin, Z., & Mohd, N. (2015). Pozzolanic Properties of Alum Sludge. In *2nd International Conference on Agriculture, Biotechnology, Science and Engineering 2015*, Ho Chi Minh City, Vietnam on the 28-29 August 2015.
3. Breesem, K. M., Faris, F. G., & Abdel-magid, I. M. (2014). Behavior of Self-Compacting Concrete Using Different Sludge and Waste Materials. In *International Scientific Academy of Engineering & Technology Conferences ISAET-2014*, date: Sept. 29- 30, 2014. Conference Venue: Phuket (Thailand) ISAET Sept. 29-30, 2014Phuket (Thailand).
4. Khalid M. Breesem, Manal M. Abood, N. A. R. and F. G. F. (2016). Soil Erosion Blocks Made By Self-Compacting Alum Sludge Concrete. In *UKL International Postgraduate Colloquia (IIPC)* (pp. 60–70).
5. Khalid M. Breesem, Manal M. Abood, and A. B. M. A. (2017). Impact of Pre-Treated Alum Sludge on Behaviour of Self-Compacting Concrete at Elevated Temperatures. In *Asia International Multidisciplinary Conference (AIMC 2017)*, 1-2- May 2017, Universiti Teknologi Malaysia, Johor Bharu, Malaysia.

• **Articles Published in (ISI, SCOPUS) Journals**

- 1 A. B. M. A. Kaish, Breesem K. M., & Abood M. M. (2017). Influence of Pre-Treated Alum Sludge on Properties of Self-Compacting Concrete. Journal of Cleaner Production (ISI and SCOPUS indexed journal) Impact Factor (5.651).
- 2 Hussein, A.A., Breesem, K.M., Jassam, S.H. and Heil, S.M., 2018, December. Strength Properties of Concrete Including Waste Plastic Boxes. In IOP Conference Series: Materials Science and Engineering (Vol. 454, No. 1, p. 012044). IOP Publishing.
- 3 Jaya, H., Noriman, N.Z., Dahham, O.S., Muhammad, N., Latip, N.A., Aini, A.K. and Breesem, K.M., 2018, December. Tensile and Physical Properties of Unsaturated Polyester/Potash Feldspar Composites: The Effect of Potash Feldspar Loading. In IOP Conference Series: Materials Science and Engineering (Vol. 454, No. 1, p. 012192). IOP Publishing.
- 4 Breesem, K.M., Abood, M.M. and Kaish, A.A., 2017, July. Effect of Clinoptilolite on Fresh and Early Strength Properties of Self-Compacting Concrete. In Global Civil Engineering Conference (pp. 267-272). Springer, Singapore.
- 5 Breesem, K.M., Jassam, S.H., Hussein, A.A., Dahham, O.S., Noriman, N.Z. and Shayfull, Z., 2018, November. Effect of micro-silica fume and fly ash as a partial replacement of cement on fresh and early strength properties of concrete. In AIP Conference Proceedings (Vol. 2030, No. 1, p. 020124). AIP Publishing.

6 AWARDS

- My thesis 'Behaviour of Self-Compacting Concrete Incorporating Alum Sludge with Other Pozzolans as Unary and Binary Blended Cementitious Systems' was selected by Committee of best thesis award, UNESCO world water day 2018 as the best thesis award (Silver Medal Award).
- Member of Scientific Committee of 1st International Conference on Materials Engineering & Science (IConMEAS 2018)
- Member of Scientific Committee of 2nd International Conference on Materials Engineering & Science (IConMEAS 2018)
- I was appointed as one of the Editorial Board Members in "Journal of Civil, Construction and Environmental Engineering(JCCEE)



WORKSHOP

Items	Name of workshop	Status	Date	Place
1.	Writing a Great Paper and Getting it Published in a Research Journal	participant	14 September 2017	Universiti Putra Malaysia
2.	Proposal writing in social science	participant	27 April 2005	Infrastructure University Kuala Lumpur

Certificates







CERTIFICATE OF GRADUATE RESEARCH ASSISTANCE

This is to certify that

KHALID MOHAMMED BREESEM

Has been appointed as graduate research assistant (GRA) for the period of Eight (8) months starting from December 1st 2014 To August 1st 2015. His performance was found to be satisfactory in carrying out the research duties and responsibilities, and he has consistently demonstrated an ability to rise to any challenge that he might face and his demeanor always upbeat for that he is not one to back down from any challenge, either academic or at his work space also he delivers his work at the scheduled time. His strong human relations skills enabled him to interface very effectively with different nationalities.



Head of Postgraduate Programmes - Civil Engineering

ASSOC. PROF. DR. FARIS GDRASHI

ASSOC. PROF. DR. FARIS GDRASHI
Head of Postgraduate Programmes
Civil Engineering
Faculty of Engineering & Technology (Laboratory)
Al-Furat Al-Awsat Technical University
Karbala, Iraq
www.fat.uo.edu.iq











August 10, 2018

To Whom It May Concern

Subject/ Member of Conference Committee

On behalf of the conference committee, I certify that “**Dr. Khalid M. Breesem** from Al-Furat Al-Awsat Technical University – Iraq” was a member of the scientific committee of the 1st International Conference on Material Engineering & Science (IConMEAS 2018), held at Istanbul Aydin University, Istanbul - Turkey from 08 to 09 August 2018.

This conference was a joint effort of the University of Perlis (UniMAP) - Malaysia and University of Zakho (UoZ) - Iraq. The main organizer was Eman Research Center Australia. The conference highlighted a broad range of materials engineering and sciences. All accepted paper in the conference were published in *IOP Conference Series: Materials Science and Engineering (MSE)* and selected papers were published in *Solid State Phenomena Journal*.

This conference has succeeded to bring together industry, academia and professionals to exchange and share their scholarly ideas, research findings or experiences. The conference has also provided delegates opportunity to share and explore ideas and views in engineering and science.

Yours sincerely,

Dr. Saad Sabbar Dahham

Head of Scientific Research
College of Applied Sciences / Rustaq
Sultanate of Oman

Dr. Saad Sabbar Dahham
Conference Chairman
IConMEAS 2018





Science Publishing Group
548 FASHION AVENUE
NEW YORK, NY 10018
U.S.A.

CERTIFICATE OF EDITORIAL BOARD MEMBERSHIP

Reference: JCCEE

Date: February 22, 2019

This certifies that **Khalid Mohammed Breesem**, Al-Furat Al-Awsat Technical University, Babil, Babylon, Iraq has been appointed as one of the Editorial Board Members in

“**Journal of Civil, Construction and Environmental Engineering(JCCEE)**;

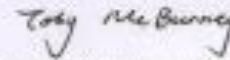
ISSN: 2637-3882 (Print);

ISSN: 2637-3890 (Online);

<http://www.sciencepublishinggroup.com/j/jccee>”.

Khalid Mohammed Breesem will be responsible for the reviews and quality of the research papers.

For and on behalf of
SCIENCE PUBLISHING GROUP INC



Authorized Signature

Certificate

Iraqi Engineers Union (IEU)
certifies that
Khalid Mohammed Breesem
Has attended Workshop in :
**Modern chemical techniques in the
treatment of buildings**
Which was held at Iraqi Engineers Union
on 23 February 2019



د. ازهار حسين صالح
نقيب المهندسين العراقيين

شهادة

يسر نقابة المهندسين العراقية
ان تمنح
خالد محمد بريسم
شهادة مشاركة في ورشة عمل :
**التقنيات الكيميائية الحديثة
في معالجة الابنية**
التي عقدت في نقابة المهندسين العراقية
في ٢٣ شباط ٢٠١٩



د. وائل رشيد عبد المجيد
رئيس لجنة النشاط الثقافي



نقابة
المهندسين العراقية

عضو مؤسس



اتحاد المهندسين
العرب

Member In



World Federation
of Engineering
Organizations



March 10, 2019

To Whom It May Concern

Subject/ Conference Representative

On behalf of the conference committee, I certify that "Dr. Khalid M. Breesem" from Al-Furat Al-Awsat Technical University – Iraq is the representative of our conference in Iraq. Our conference "2nd International Conference on Material Engineering & Science (IConMEAS 2019)" will be held at University of Technology, Baghdad -Iraq from 25 to 26 September 2019.

This conference is a joint effort of Eman Research Center – Australia, University of Technology – Iraq, University of Perlis (UniMAP) – Malaysia, Unimersiti Sains Malaysia (USM) – Malaysia, and MIE University - Japan. The conference highlights a broad range of materials engineering and sciences. All accepted paper in the conference will be published in *AIP Conference Proceedings*, and selected papers will be published in *Materials Today: Proceedings (Journal - Elsevier)*, both publications are indexed by SCOPUS, and CPCI-S - Clarivate Web of Science.

This goal of this conference is to bring together industry, academia and professionals to exchange and share their scholarly ideas, research findings or experiences. The conference will also provide delegates opportunity to share and explore ideas and views in engineering and science.

Yours sincerely,



Dr. Omar Sabbar Dahham
Chairman

The 2nd International Conference
on Materials Engineering & Science
Conference Chairman
IConMEAS 2019

www.iconmeas.com
chairman@iconmeas.com