

بسم الله الرحمن الرحيم

السيرة الذاتية

الأستاذ الدكتور حكيم سالم عبدالقادر السموعي

(2024)

ملخص السيرة الذاتية أ.د. حكيم سالم عبد القادر



يعمل الأستاذ الدكتور حكيم سالم عبد القادر بجامعة طرابلس - كلية الهندسة - قسم الهندسة المدنية. وقد حصل الأستاذ الدكتور حكيم عبد القادر على شهادة البكالوريوس من جامعة طرابلس ، وشهادة الماجستير من جامعة قدامسك ببولندا ، وشهادة الدكتوراه من جامعة قدامسك ببولندا 1996. منذ 2003 حتى الآن أستاذ بقسم الهندسة المدنية بكلية الهندسة جامعة طرابلس. ترأس الدكتور حكيم عبد القادر وشارك في العديد من البحوث من جامعة طرابلس - كلية الهندسة وجامعات أخرى من مختلف مناطق ليبيا وخارجها. وقد تميز د. حكيم ببحوثه التطبيقية في صب الخرسانة ذات المرحلتين وديمومة الخرسانة و صب الخرسانة في القوالب النسيجية و إعادة تدوير الخرسانة واستعمالات المواد البوزولونية و صب الخرسانة تحت الماء في المواد الإنشائية. كتب الدكتور حكيم أكثر من خمسة سبعون بحثاً منشوراً في مجلات ومؤتمرات محلية وعالمية مشهورة، ومن ضمنها بحثاً باللغة العربية، وأشرفت على عدد من رسائل الماجستير في الجامعة وخارجها (بولندا ولبنان وإيران والعراق وإيرلندا). قمت بمناقشة رسالة ماجستير من الجامعة التقنية الشمالية بالعراق و جامعة بيروت العربية 2021. قمت كذلك بتقييم أطروحة دكتوراه من الهند 2021. وأخيراً قمت بمناقشة وتقييم أطروحة دكتوراه من جامعة بيروت العربية 2022. وتعتبر بحوث الدكتور حكيم عبد القادر المتعلقة صب الخرسانة ذات المرحلتين وديمومة الخرسانة و صب الخرسانة في القوالب النسيجية و إعادة تدوير الخرسانة و صب الخرسانة تحت الماء كثيرة الذكر كمراجع علمية في البحوث المحلية والعالمية. يعتبر الدكتور حكيم عبد القادر عضو فعال بمعهد الخرسانة الأمريكي في مجموعة لجان منذ حوالي ربع قرن. في سنة 2019 تحصلت على شرف الزمالة من المعهد الأمريكي للخرسانة American Concrete Institute (ACI) Fellow. واعتبراني أول عضو هيئة تدريس في جامعات ليبية يتحصل على شرف الزمالة من المعهد المرموق.

<https://www.concrete.org/aboutaci/honorsandawards/fellows.aspx>

في سنة 2019 قمت بزيارة الى جامعة ميونخ-المانيا بخصوص المشاركة في البرنامج العلمي التي قدمت شخصياً لي بصفتي عضو هيئة التدريس بجامعة طرابلس من جامعه ميونخ-المانيا تحت اشراف البرفسور Johann Plank. وقد تمت الموافقة على البرنامج العلمي المقدم من أ.د. حكيم عبد القادر والبرفسور Johann Plank والممول من قبل خدمة التبادل الأكاديمي الألماني <https://www.daad.de/en/>.

المناصب:

- تم اختياري بعد التصويت كعضو في نقابة أعضاء هيئة التدريس بكلية الهندسة 2016-2018.
- منسق شعبه الإنشاءات بقسم الهندسة المدنية الفترة مابين 2005-2011 و الفترة 2014 -2017. وتعد شعبه الإنشاءات من اكبر الشعب بقسم الهندسة حيث يتراوح عدد اعضاء هيئة التدريس اكثر من ثلاثون عضو هيئة التدريس.
- بقرار من رئيس جامعة طرابلس تم تكليفي كرئيس مكتب البحوث والدراسات والإستشارات لكلية الهندسة 2009.
- رئيس جمعية الصداقة الليبية البولندية 2007-الى الان
- بالتعاون مع المكتب الاستشارات الهندسي بجامعه طرابلس تم اختياري رئيس لجنة الحصر والمتعلقة بجميع الوزارات والمؤسسات الحكومية 2006. تكلفة العمل المنفذ مليون دينار ليبي.
- مستشار للشؤون الهندسة بوزارة الإعلام والثقافة 2005.

1- معلومات عامة

1-1 معلومات شخصية:

تاريخ الميلاد : 1964 /4/20
الحالة الاجتماعية : متزوج
العنوان الحالي : جامعة طرابلس - كلية الهندسة
ص.ب: 83038
طرابلس- ليبيا
تلفون: 0021891 325-2693 واتساب و فايبر
بريد إلكتروني : h.abdelgader@uot.edu.ly
hakimsa@poczta.onet.pl

اللغات: العربية- الانجليزي - البولندية

2-1 التعليم:

- **الدكتوراه في " هندسة الإنشاءات"** جامعة قدا نسك ببولندا (عام 1996م).
- عنوان رسالة الدكتوراه:** الطرق التجريبية والرياضية لتصميم الخرسانة ذات المرحلتين.
- **الماجستير في "هندسة الإنشاءات"** من جامعة قدا نسك ببولندا (عام 1990م).

عنوان رسالة الماجستير: تصميم سد ترابي باستخدام الخرسانة ذات المرحلتين.

- **البكالوريوس في "الهندسة المدنية"** من جامعة طرابلس (1988م).

3-1 الخبرة العلمية:

- **2019:** زيارة الى جامعة ميونخ—المانيا شهر سبتمبر وديسمبر بخصوص المشاركة في البرنامج العلمي والممول من قبل خدمة التبادل الأكاديمي الألماني DAAD.

- **2018:** أستاذ زائر بجامعة قدانسك للتكنولوجيا ، كلية الهندسة المدنية والبيئية ، قدانسك ، بولندا.

https://pg.edu.pl/aktualnosci/-/asset_publisher/hWGncmoQv7K0/content/profesor-z-libii-rozwija-wspolprace-pg-z-uczelniami-w-swoim-kraju?p_p_auth=tD2PpK20

- **2008:** أستاذ زائر بجامعة كولومبيا - في مدينة نيويورك بالولايات المتحدة الأمريكية.

<http://www.columbia.edu/cu/civileng/announcements/hakim/index.html>

- **من 2005م إلى الآن:** أستاذ في قسم الهندسة المدنية كلية الهندسة بجامعة طرابلس. أتولى تدريس مواد البكالوريوس ومواد الدراسات العليا في تكنولوجيا الخرسانة ومواد البناء. كما أشارك في الإشراف على رسائل الماجستير في الجامعة وجامعات أخرى خارج ليبيا. كما أشارك في البحوث المدعومة في القسم والجامعة. وأشارك بتقديم نتائج البحوث في مؤتمرات وندوات عالمية. كما إنني **عضو فعال** بمعهد الخرسانة الأمريكي في مجموعة لجان.

- **من 2003م إلى 2005:** أستاذ مشارك في قسم الهندسة المدنية كلية الهندسة بجامعة طرابلس.

- **من 1996م إلى 2002م:** أستاذ مساعد في قسم الهندسة المدنية بجامعة قدانسك- بولندا.

2 - الشرفيات

- (1) تم اختياري **عضواً مصوتاً** في أربع لجان مختلفة " المعهد الخرسانة الأمريكي " 1999 - ACI .
<http://www.concrete.org/pubs/newpubs/304609.pdf>
- (2) شاركت في تقييم العديد من المجلات العلمية والندوات والمؤتمرات المحلية والعالمية.
- (3) تم إدراج اسمي في موسوعة "Who's Who in the World"، وذلك في الطبعة السادسة عشر للعام 1999. ، حيث يتم تسجيل نبذة قصيرة عن سيرتي الذاتية.
- (4) تم اختياري **عضواً** في لجنة الكود الإفريقي ، التابعة للهيئة العربية للمواصفات والمقاييس ليبيا.
- (5) تم اختياري **متحدث رئيسي "Keynote Speaker"** في المؤتمر العالمي الأول عن: الخرسانة وخرسانة الأداء العالي ، تبريزا - إيران، نوفمبر 2009. كما ترأست إحدى جلسات هذا المؤتمر.

- (6) تم اختياري متحدث رئيسي "Keynote Speaker" في المؤتمر العالمي الأول عن: تقنية الخرسانة ، في الجزائر – وهران ، أكتوبر 2009.
- (7) تم اختياري متحدث رئيسي "Keynote Speaker" في المؤتمر العالمي الأول عن: تقنية الخرسانة ، تبريزا - إيران، أكتوبر 2010. كما ترأست إحدى جلسات هذا المؤتمر.
- (8) تم اختياري متحدث رئيسي في المؤتمر العالمي الثاني عن: تصميم أداء الخرسانة ذاتية الدمك ، بكين - الصين، يونيو 2009. كما ترأست إحدى جلسات هذا المؤتمر.
- http://scc2009.hnu.cn/index.php?option=com_content&task=view&id=32&Itemid=11
- 6
- (9) تم اختياري في اللجنة العلمية للمؤتمر العالمي الرابع لشمال أمريكا والسادس RILM عن تصميم وإنتاج ووضع الخرسانة ذاتية الدمك ، مونتريال، كندا ، 26-29 سبتمبر 2010.
- <http://www.civil.usherbrooke.ca/SCC2010/committees.html>
- (10) تم اختياري في اللجنة العلمية "2nd International PhD Symposium" Czech Republic
- (11) <http://www.wta-conferences.org/conference/960/program> 2011 October 7-6
- (12) تم اختياري في اللجنة العلمية للمؤتمر العالمي الرابع Concrete Solutions 2011 عن إصلاحات الخرسانة ، جامعة درزنو ، ألمانيا ، 26-28 سبتمبر 2011.
- <http://www.concrete-solutions.info/Committee.html>
- (13) تم اختياري في اللجنة العلمية للمؤتمر العالمي الثالث عن إصلاحات الخرسانة ، كيب تاون، جنوب أفريقيا ، 5-7 سبتمبر 2012 .
- http://www.iccrrr.uct.ac.za/Scientific_Committee.html
- (14) تم اختياري في اللجنة العلمية للمؤتمر العالمي لديمومة الخرسانة ، Rabat, Morocco, 27-30 November 2013
- <http://www.fsr.ac.ma/cmss/ang/scientific-committee.html>
- (15) تم اختياري في اللجنة العلمية للمؤتمر العالمي كرواتيه- زغرب RILEM International workshop on performance -based specification and control of concrete durability Zagreb, Croatia 11-13 June 2014
- http://www.grad.unizg.hr/rilem_psc/scientific_committee
- (16) تم اختياري في اللجنة العلمية للمؤتمر العالمي ، جنوب أفريقيا ، International Conference on Construction Materials Engineering, Structural Performance and Durability” (ICCMATS) will be held in Johannesburg, South Africa, 8th to 10th September 2014.
- <http://www.iccmats-wits.co.za/>
- (17) تم اختياري في اللجنة العلمية للمؤتمر العالمي الرابع Concrete Solutions 2014 عن إصلاحات الخرسانة ، Concrete Solutions 2014 - Belfast .
- <http://www.concrete-solutions.info/Committee.html>

(18) تم اختياري في اللجنة العلمية للمؤتمر العالمي الثامن "Self-Compacting Concrete" 2016 عن

تصميم وإنتاج ووضع الخرسانة ذاتية الدمك.

8th International RILEM Symposium on Self-Compacting Concrete and 6th North
American Conference on Design and Use of Self-Consolidating Concrete

May 15-18 2016 Washington, DC. USA <http://www.scc2016.com/>

(19) تم اختياري في اللجنة العلمية للمؤتمر العربي الرابع عشر للهندسة الإنشائية في الأردن والذي في الفترة

مابين 12-15 ابريل 2018

<http://www.just.edu.jo/conferences/asec/Pages/Committees.aspx>

(20) تم اختياري في اللجنة العلمية للمؤتمر العالمي ، جنوب أفريقيا

5th International Conference on Concrete Repair, Rehabilitation and Retrofitting

(ICCRRR 2018). 19-21 November 2018 Cape Town, South Africa.

<http://iccrrr.com/iccrrr-2018/committees/scientific-committee-and-advisory-board/>

(21) تم اختياري في اللجنة العلمية للمؤتمر العالمي السابع والمنعقد تحت حلول الخرسانة. رومانيا 2019.

(Concrete Solutions). <https://www.concrete-solutions.info/committee-2016>

(22) تم اختياري في اللجنة العلمية للمؤتمر العالمي التاسع "Self-Compacting Concrete" تصميم

وإنتاج ووضع الخرسانة ذاتية الدمك. ألمانيا- درسدن 8-11 نوفمبر 2019.

3 -عضوية الجمعيات العلمية:

(1) معهد الخرسانة الأمريكي شرف الزمالة F.ACI.

(2) الجمعية الأمريكية للمهندسين المدنيين ASCE.

(3) جمعية المهندسين الليبية.

4 -التخصص

هندسة الإنشاءات، وخاصة فيما يتعلق بالمجالات التالية: صب الخرسانة ذات المرحلتين وديمومة الخرسانة و صب الخرسانة في القوالب النسيجية و إعادة تدوير الخرسانة واستعمالات المواد البوزولونية و صب الخرسانة تحت الماء في المواد الإنشائية. ... الخ.

5 -الإشراف على رسائل الماجستير

1. Kaltum M. Ben-Nasara "Using The Three Equation Method For Concrete Mix Design" Tripoli University, Tripoli – Libya. June Spring 2011.

2. Manal F. Najjar "Underwater Concreting by Using Two Stage Concrete" January Fall 2010. Tripoli

University, Tripoli – Libya.

3. Sana Bagigini "Self-Compacting Concrete Using Libyan Local Materials" Fall 2010. Tripoli University, Tripoli – Libya.
4. John O'Malley, "Two-Stage Concrete –An Investigation into Grout and Associated Concrete Properties," June 2008 Structural Engineering in Dublin Institute of Technology, Bolton Street, Dublin. Ireland.
5. Hamdi Ammar Abdurrahman, "Bending (Flexural) Strength of Two-Stage Concrete" November 2007. Tripoli University, Tripoli – Libya.
6. فيصل صالح ورغ " تأثير إضافة دخان الرمل على الخواص الميكانيكية للخرسانة ذات المرحلتين " بجامعة طرابلس كلية الهندسة ربيع 2007
7. Abdurrahman Ahmed Elgalhud, "Influence of some Types of Admixtures on the Mechanical Properties of Two-Stage Concrete at the Long Term" Fall 2005. Tripoli University, Tripoli – Libya.
8. Nowek A. and Kaszubski, "Two-Stage Concreting Method" Technical University of Gdansk, Poland, 2003 (In Polish).

6 -البحوث المنشورة (من سنة 1994-2024)

1. Abdelgader H.S., (1994). "Dependence of cement fineness on the properties of the two-stage concreting and concrete", International Seminar on Cement, English Section, Iran University of Science and Technology, August, 1-9.
2. Abdelgader H.S., (1995). "Polcrete economical method for dams" The MWA International Conference on Dam Engineering, Kuala Lumpur, Malaysia, 1-2 August, 1-4.
3. Abdelgader H.S., (1995). "Właściwości betonu Polcrete w świetle badań laboratoryjnych". Inżynieria i Budownictwo, No. 5, 266-268.
4. Abdelgader, H.S., (1995). "Influence of the coarse-aggregate on the compressive strength of the Polcrete Concrete". Archives of Civil Engineering, V. XLI, NO. 4, 601-605, Warsaw.
5. Abdelgadr, H.S., (1996). "Effect of the Quantity of Sand on the Compressive Strength of Two-Stage Concrete". Magazine of Concrete Research, V.48, No.177, 353-360.
6. ABDELGADER H.S., (1998). "Applications of Two-Stage Concrete Methods". Zeszyty Naukowe Politechniki Gdanskiej, No. 570, pp. 89-96.
7. Abdelgadr, H.S., (1999). "How to Design Concrete Produced by a Two-Stage Concreting Method". Cement and Concrete Research, V. 29, No. 3, 331-337.
8. Abdelgader H. S. and Górski J. (2002). "Influence of Grout Proportions on Modulus of Elasticity of Two-Stage Concrete". Magazine of Concrete Research. Vol.54, No.4, 2002, 251-255.
9. Abdelgader H. S., Ghaib M. A., and Górski, J. (2002). "Concrete Elements Cast in Fabric Forms," Betonwerk+Fertigteil-Technik, Germany No. 8, pp. 24-32.

10. Abdelgader H. S. and Górski J. (2002). "Modulus of Elasticity of Two-Stage Concrete". Challenges of Concrete Construction, Concrete for Extreme Conditions, Proceedings of the International Conference, University of Dundee, Scotland, UK, 9-11 September, 785-793.
11. Abdelgader H. S. and Górski J. (2003). "Stress-strain Relations and Modulus of Elasticity of Two-Stage Concrete". Journal of Materials in Civil Engineering ASCE. 15, No. 4. 329-334.
12. Abdelgader H. S. and Zregh A. S. (2003). High Elasticity Advantages of Mass Concrete. Emerging Technologies in Structural Engineering. Proceedings of the 9th Arabic Engineering Conference., November 29-December 1, 2003, Abu Dhabi, UAE
13. Ben-Zeitun, A. E., and Abdelgader, H. S. (2004). Compressive Strength of Concrete versus Tensile Strength Measured by Double-Punch Test. 7 ICCT, Kuala Lumpur, Malaysia. October. 2004.
14. Abdelgader, H. S., and Ben-Zeitun, A. E. (2004). "Effect of Grout Proportions on Tensile Strength of two-stage Concrete Measured by Split and Double-Punch Tests. Structural Concrete Vol.5, No.4, 173-177.
15. Abdelgader, H. S. Ganaw, A., and Fahema, A. H. (2004). "Influence of Curing Types on the Compressive Strength of Two-Stage (pre-placed aggregate) Concrete. International Conference on Future and Challenges for Urban Development. December 2004, Cairo, Egypt.
16. Abdelgader, H. S. and Ben-Zeitun, A. E. (2005). Tensile strength of two-stage concrete measured by double-punch and split tests. Global Construction, Role of Concrete in nuclear facilities, Proceedings of the International Conference, University of Dundee, Scotland, UK, 5-7 July 2005.
17. Abdelgader, H. S., Ben-Zeitun, A. E. and Al-Galhud, A. A. (2005). Use of two-stage (pre-placed aggregate) concrete in construction and repair of concrete structures. International Conference on Concrete Repair, Rehabilitation and retrofitting in Cape Town, SA, 21-23 November 2005.
18. Ben-Zeitun, A. E., and Abdelgader, H. S. (2005). Relation between Modulus of Rupture, Tensile Strength, and Compressive Strength of No-Fines Concrete. International Conference, Civil Engineering Infrastructure System, Preliminary Technical Program, American University of Beirut, Beirut, Lebanon, 6-8 June 2005.
19. Abdelgader H. S., Ben-Zeitun A. E., Saud A. F., and Al-Galhud A. A. (2006). Mechanical behavior of two-stage (pre-placed aggregate) concrete. Proceedings of the 10th Arabic Engineering Conference, 13-15 November 2006 Kuwait.
20. Nowek A, Kaszubski P, Abdelgader, H S., and Górski J (2007). Effect of admixtures on fresh grout and two-stage (Pre-placed aggregate) concrete. Structural Concrete Vol.8, No.1.
21. West, M., Abdelgader, H. S., and Górski J. (2008). State-of-the-Art Report on Fabric Formwork. Construction's Sustainable Option. Precast Concrete: Towards Lean Construction, Proceedings of the 7 International Congress, University of Dundee, Scotland, UK, 8-10 July 2008.
22. Abdelgader H. S., Ben-Zeitun A. E., Saud A. F., and Al-Galhud A. A. (2008). Effect of Admixture Type on Mechanical Behaviour of Two-Stage (Pre-Placed Aggregate) Concrete. Construction's Sustainable Option. Concrete Durability: Achievement and Enhancement, Proceedings of the 7 International Congress, University of Dundee, Scotland, UK, 8-10 July 2008.

23. Abdelgader H. S. and Al-Galhud A. A. (2008). Effect of grout proportions on strength of two-stage concrete. *Structural Concrete* Vol.9, No.3, 163-170.
24. ACI 304. 6R (2009) "Guide for the Use of Volumetric-Measuring and Continuous-Mixing Concrete Equipment". Reported by American Concrete Institute ACI Committee 304.
https://www.concrete.org/store/productdetail.aspx?ItemID=304609&Format=DOWNLOAD&Language=English&Units=US_AND_METRIC
25. Abdelgader H. S. and EL-baden A. S. and Othman A. M. (2009). Underwater Concreting Using Self-Compacting Grout with Two-stage Concrete. Symposium 2ND SCC 2009 Beijing.
26. Abdelgader H. S. and EL-baden A. S. (2009). Compressive Strength of Concrete Cast in Fabric Forms. SBEIDCO -1st International Conference on sustainable Built Environment Infrastructures in Developing Countries ENSET Oran (Algeria) – October 12-14.
27. Abdelgader H. S. and Najjar M. F. (2009). Advances in Concreting Methods. SBEIDCO -1st International Conference on sustainable Built Environment Infrastructures in Developing Countries ENSET Oran (Algeria) – October 12-14.
28. O'Malley J. and Abdelgader H. S. (2010). Investigation into The Viability of Using Two- Stage (Pre-Placed aggregate) Concrete in an Irish Setting. *Frontiers of Architecture and Civil Engineering in China*. Vol. 4, No. 1, March, 127-132.
29. Abdelgader H. S. , Najjar M. F. and Azabi T. M. (2010). Study of underwater concrete using two-stage (preplaced aggregate) concrete In Libya. *Structural Concrete*, Vol. 11, No. 3, PP. 161-165.
30. Abdelgader H. S., EL-Baden A. S. and Shilstone J. M. (2012). Bolomeya Model for Normal Concrete Mix Design. *CPI-Concrete Plant International* -2/2012 https://www.cpi-worldwide.com/en/journals/artikel/1491/entry_1491
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http://www.accta2013.com/en/accta_media/accta_programme.pdf
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Curriculum Vitae of Professor Hakim S. Abdelgader

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LANGUAGES: Arabic – English – Polish

EDUCATIONAL BACKGROUND:

<u>Degree</u>	<u>Field</u>	<u>Institution</u>	<u>Date Conferred</u>
Ph.D.	Civil Engineering	Technical University of Gdansk, Poland	1996
MSCE	Civil Engineering	Technical University of Gdansk, Poland	1990
BSCE	Civil Engineering	Tripoli University, Tripoli – Libya	1988

EMPLOYMENT HISTORY:

2018-2021 Visiting Professor at Gdansk University of Technology, Faculty of Civil and Environmental Engineering, Gdansk, Poland

2020 Visiting Professor at Lublin University of Technology, Lublin University of Technology Doctoral School, Lublin, Poland

2008 Visiting Professor, Department of Civil Engineering and Engineering Mechanics, Columbia University, In the City of New York, USA.

<http://www.columbia.edu/cu/civileng/announcements/hakim/index.html>

2005-Present Full Professor, Department of Civil Engineering, Faculty of Engineering, University of Tripoli, Tripoli, Libya.

2003-2005 Associate Professor, Department of Civil Engineering, University of Tripoli, Tripoli, Libya. Chair of Structural Engineering, Department of Civil Engineering, Tripoli University.

2003 May Research Associate and Visiting Assistant Professor, Department of Civil and Environmental Engineering, University of South Carolina, Columbia, SC, USA.

2001 Co advisor MSC and Ph. D. at Engineering School, Sfax, Tunisia.

1996-2002 Research Associate, Department of Civil Engineering, Technical University of Gdansk, Gdansk, Poland.

Biography

Hakim S. Abdelgader - is a Full Professor in the Department of Civil Engineering at University of Tripoli, Tripoli, Libya. He received his MSc and Ph.D. degrees in 1990 and 1996 respectively from Gdańsk University of Technology, Gdańsk, Poland. His research interests include pre-placed aggregate concrete, self-consolidating concrete, concrete with recycled materials, utilization of pozzolanic materials, underwater concreting, concrete durability, and concrete casting in fabric forms. He has authored or co-authored over 75 professional technical papers and reports. He has been involved in organization of several International Conferences and member of Scientific Committees. He is an associate member and voting member of American Concrete Institute (ACI) Committees 221, Aggregates; 237, Self-Consolidating Concrete; 304, Measuring, Mixing, Transporting, and Placing Concrete; 444, Structural Health Monitoring and Instrumentation; and 555, Concrete with Recycled Materials. He is an Editorial Board member of more than five academic Journals. He is reviewer and contributor to American Concrete Institute (ACI), all Elsevier journals related to Construction Materials and Journal of Materials in Civil Engineering (ASCE). Prof. Abdelgader was elected fellow of ACI in 2019. He has been a keynote speaker at several international conferences in North America, Europe, Africa, Middle East, Japan, Iran, and India.

EMPLOYMENT HISTORY:

2018-2021 Visiting Professor at Gdansk University of Technology, Faculty of Civil and Environmental Engineering, Gdansk, Poland

2020 Visiting Professor at Lublin University of Technology, Lublin University of Technology Doctoral School, Lublin, Poland

- 2008** Visiting Professor, Department of Civil Engineering and Engineering Mechanics, Columbia University, In the City of New York, USA.
<http://www.columbia.edu/cu/civileng/announcements/hakim/index.html>
- 2005-Present** Full Professor, Department of Civil Engineering, Faculty of Engineering, University of Tripoli, Tripoli, Libya.
- 2003-2005** Associate Professor, Department of Civil Engineering, University of Tripoli, Tripoli, Libya.
 Chair of Structural Engineering, Department of Civil Engineering, Tripoli University.
- 2003 May** Research Associate and Visiting Assistant Professor, Department of Civil and Environmental Engineering, University of South Carolina, Columbia, SC, USA.
- 2001** Co advisor MSC and Ph. D. at Engineering School, Sfax, Tunisia.
- 1996-2002** Technical Research Associate, Department of Civil Engineering, University of Gdansk, Gdansk, Poland.

PROFESSIONAL QUALIFICATIONS AND COMMITTEE ACTIVITIES:

1. Voting member of American Concrete Institute (ACI) Committees **221** Aggregates.
2. Voting member of the committee (ACI), **304** Measuring, Mixing, Transporting and Placing of Concrete.
<http://www.concrete.org/pubs/newpubs/304609.pdf>
3. Associate member of committee (ACI), **444** Experimental Analysis for Concrete Structures.
4. Associate member of committee (ACI) **555** Concrete with Recycled Materials.
5. Associate Members of committee (ACI) **237** Self-Consolidating Concrete.
6. Editorial Board-Journal of Materials and Engineering Structures « JMES
<http://revue.ummto.dz/index.php/JMES/about/editorialPolicies#custom-0>
7. Reviewer of several Journals (ACI Materials & Structural, Cement & Concrete Research ,Construction & Building Materials and Journal of Materials in Civil Engineering (ASCE).
8. He was invited keynote speaker in several International Conferences (North America, Europe, Africa, Iran, India, Middle East, China and Japan). He also was been involved in organization of several International Conferences and member of Scientific Committees **as followings:**

8.1 “2nd International Sustainable Building Symposium-ISBS 2015” will be held on 28- 30th May 2015. Ankara – Turkey <http://www.isbs2015.gazi.edu.tr/eng-index.html>

8.2 International Conference on the Regeneration and Conservation of Concrete Structures (RCCS) 2015 Nagasaki, Japan <http://www.jci-net.or.jp/~info-rccs/organization.html>

RCCS International Conference on **Jun 1st-3rd, 2015, Nagasaki, Japan**
 the Regeneration and Conservation of Concrete Structures

8.3 8th International RILEM Symposium on Self-Compacting Concrete and 6th North American Conference on Design and Use of Self-Consolidating Concrete

8.4 Concrete Solutions 2016, 6th International Conference on Concrete Repair June 2016 - Thessaloniki, Greece. <http://www.concrete-solutions.info/Committee.html>

**8.5 EURO-MED-SEC-1 The First European and Mediterranean Structural Engineering and Construction Conference Istanbul, Turkey, May 24-29, 2016
Interaction between Theory and Practice in Civil Engineering and Construction**
https://www.isec-society.org/EURO_MED_SEC_01/committees.php

8.6 REHABEND 2016 Euro American Congress. The event is going to take place in Burgos, Spain, in May 24-27, 2016. <http://www.rehabend.unican.es/comites.html>

8.7 Fourth International Conference on Sustainable Construction Materials and Technologies (SCMT4) Las Vegas, Nevada, USA 7-11 August 2016
<https://www.unlv.edu/scmt4/committees>

8.8 International Conference on Advances in Construction Materials and Systems (ICACMS-2017) 3-8 September 2017 Chennai, India.
<http://www.rilem2017conference.org/scientific-committees>

8.9 International Conference on Cement and Concrete Technology Muscat, Oman 20-22 Nov 2017.
The Institute of Concrete Technology, Oman Military Technical College and the Oman Society of Engineers.
<https://www.concreteconference.org.uk/conference-committee>

8.10 9th International RILEM Symposium on Self Compacting Concrete (SCC9) & 2nd International RILEM Conference on Rheology and Processing of Construction Materials (RheoCon2) September 08-11 2019 Dresden, Germany

8.11 3rd International Congress on Materials & Structural Stability, CMSS-2021, Rabat, Morocco, 24-26 November 2021. <https://www.congresscmss21.asmatec.org/>

AREAS OF PROFESSIONAL INTEREST:

1. Concrete mix design.
2. Recycled materials for concrete production.
3. Optimization of chemical admixtures and supplementary cementitious materials and fillers for concrete.
4. Microstructure of cement-based materials.

5. Concrete elements cast in fabric forms.
6. Two-stage concrete (Pre-placed aggregate concrete) technology and its practical applications.
7. Concrete repair.
8. Durability.
9. Self compacting concrete, High-Performance Concrete.
10. Fiber reinforcement.
11. Underwater Concreting.

TITLES OF COMPLETED THESIS SUPERVISED (MSCE):

1. Kaltum M. Ben-Nasara "**Using The Three Equation Method For Concrete Mix Design**" Tripoli University, Tripoli – Libya. June Spring 2011.
2. Manal F. Najjar "**Underwater Concreting by Using Two Stage Concrete**" Tripoli University, Tripoli – Libya. January Fall 2010.
3. Sana Bagigini "**Self-Compacting Concrete Using Libyan Local Materials**" Tripoli University, Tripoli – Libya. Fall 2010.
4. John O'Malley, "**Two-Stage Concrete –An Investigation into Grout and Associated Concrete Properties**" Structural Engineering in Dublin Institute of Technology, Bolton Street, Dublin. Ireland. June 2008
5. Hamdi Ammar Abdurrahman, "**Bending (Flexural) Strength of Two-Stage Concrete**" Tripoli University, Tripoli – Libya. November 2007
6. Faisal Saleh Warag, "**Effect of add silica Fume on the Mechanical Properties of Two-Stage Concrete**" . Tripoli University, Tripoli – Libya. Spring 2007 (In Arabic)
7. Abdurrahman Ahmed Elgalhud, "**Influence of some Types of Admixtures on the Mechanical Properties of Two-Stage Concrete at the Long Term**" Fall 2005. Tripoli University, Tripoli – Libya.
8. Nowek A. and Kaszubski, "**Two-Stage Concreting Method**" Technical University of Gdansk, Poland, 2003 (In Polish).

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