

Curriculum Vitae of Professor Hakim S. Abdelgader

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DATE OF BIRTH:

April 20, 1964.

MARITAL STATUS:

Married with three children

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:

2008	Visiting Professor, Department of Civil Engineering and Engineering Mechanics, Columbia University, In the City of New York, USA. www.columbia.edu/cu/civileng/announcements/hakim/index.html
2005-Present	Full Professor, Department of Civil Engineering, Tripoli University, Tripoli, Libya.
2003-2005	Associate Professor, Department of Civil Engineering, Tripoli University, 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	Graduate Teaching and Research Associate, Department of Civil Engineering,

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. Voting member of committee (ACI), **444** Experimental Analysis for Concrete Structures.
4. Voting member of committee (ACI) **555** Concrete with Recycled Materials.
5. Associate Members of committee (ACI) **237** Self-Consolidating Concrete.
6. Associate Members of committee (ACI) **706** Concrete Repair Education.
7. Editorial Board-Journal of Materials and Engineering Structures « JMES
<http://revue.ummto.dz/index.php/JMES/about/editorialPolicies#custom-0>
8. Reviewer of several Journals (ACI Materials & Structural, Cement & Concrete Research ,Construction & Building Materials and Journal of Materials in Civil Engineering (ASCE).
9. 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:**
 - 9.1 6th International RILEM Symposium on Self-Compacting Concrete (member of the International Technical Committee)
<http://www.civil.usherbrooke.ca/SCC2010/committees.html>
 - 9.2 The International Conference on Future Concrete
<http://www.actsconferences.com/index.html>
 - 9.3 Concrete Solutions 2011
<http://www.concrete-solutions.info/Committee.html>
 - 9.4 4th ICSR International Conference on Seismic and Retrofitting Tabriz-Iran 2012
<http://4conf.icsr.ir/index.php?limitstart=3&lang=En>
 - 9.5 1st International Congress on Durability of Concrete ICDC) to be held in Trondheim, Norway, June 18-21, 2012.
http://www.betong.net/portal/page/portal/tekna/event?p_kp_id=19199&p_action=PREVIEW

- 9.6** 3rd International Conference on Concrete Repair, Rehabilitation and Retrofitting
Cape Town, South Africa: 5 - 7 September 2012
http://www.icrrr.uct.ac.za/Scientific_Committee.html
- 9.7** Second International Conference on Flexible Formwork icff 2012
<http://people.bath.ac.uk/jjo20/icff/ICFF2012/Committee.html>
- 9.8** 8th International Conference: “Concrete in the Low Carbon Era” 9 – 11 July 2012, Dundee, UK
<http://mpullanconcretetechnologist.files.wordpress.com/2012/09/abstracts1.pdf>
- 9.9** 2nd International Conference on Electric Technology and Civil Engineering (ICETCE 2012) <http://www.icetce.org/2012/Committee.html>
- 9.10** Advances in Cement and Concrete Technology in Africa January 28th – 30th 2013; Emperor’s Palace, Johannesburg <http://www.accta2013.com/en/committees/index.htm>
- 9.11** UKIERI Concrete Congress March 5-8 2013, Jalandhar, Punjab, India.
<http://ukiericoncretecongress.com/Home/>
- 9.12** Fifth North American Conference on the Design and Use of Self-Consolidating Concrete May 2013 Chicago, IL, USA
<http://www.intrans.iastate.edu/events/scc2013/committees/>
- 9.13** 3rd International Conference on Sustainable Construction Materials and Technologies (SCMT3) August 18 - 22, 2013, Kyoto, Japan.
<http://www.jci-net.or.jp/~scmt3/committee.html>
- 9.14** The International Congress on Materials & Structural Stability CMSS-2013, will be held in Rabat, Morocco on 27-30 November 2013.
<http://www.fsr.ac.ma/cmss/ang/scientific-committee.html>
- 9.15** 1st International conference on Ageing of Materials and Structures (AMS’14) , will be held in Delft, Netherlands on 26, 27, 28 May 2014
<http://www.citg.tudelft.nl/actueel/congressen-en-symposia/events-materials-environment/ams14/>
- 9.16** The third international symposium on SCC (SCC’2014-China) will be held in Xiamen, China in 5-8 June 2014 <http://scc2014.hnu.edu.cn/en/newfile1.html>
- 9.17** 8th International Conference **AMCM 2014 – Analytical Models and New Concepts in Concrete and Masonry Structures**, will be held in Wroclaw (Poland) on June 16-18, 2014. <http://www.amcm2014.pwr.wroc.pl/#/committees/>

9.18 5th International Conference, Non-Traditional Cement & Concrete June 16--19, 2014 Brno, Czech Republic,
<http://www.fce.vutbr.cz/stm/fracture/symposium2014/#committee>

9.19 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

9.20 Concrete Solutions 2014
<http://www.concrete-solutions.info/Committee.html>

9.21 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/>

9.22 “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>

9.23 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 the Regeneration and Conservation of Concrete Structures
Jun 1st-3rd, 2015, Nagasaki, Japan

9.24 Fifth International Conference on Construction Materials: Performance, Innovations and Structural Implications will be held in BC, Canada, August 19 – 21, 2015. CONMAT15 <http://conmat15.ic-impacts.com/people/>

9.25 2nd International Conference „Innovative Materials, Structures and Technologies” Organized by the Faculty of Civil Engineering, Riga Technical University in Riga, Latvia, 30.09. - 02.10.201
<http://www.imst.rtu.lv/content/scientific-committee>

9.26 International Conference on Concrete Repair, Rehabilitation and Retrofitting, Leipzig, 05 - 07 October 2015-ICCRRR <http://www.iccrrr.com/>

9.27 2nd International Conference on Advances in Cement and Concrete Technology in Africa will be held on 27 – 29 January 2016, in Johannesburg, South Africa.
<http://www.accta2016.bam.de/en/committees/index.htm>

9.28 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/>

9.29 Concrete Solutions 2016, 6th International Conference on Concrete Repair June 2016

- Thessaloniki, Greece. <http://www.concrete-solutions.info/Committee.html>
- 9.30 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
- 9.31 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>
- 9.32 Fourth International Conference on Sustainable Construction Materials and Technologies (SCMT4) Las Vegas, Nevada, USA 7-11 August 2016**
<https://www.unlv.edu/scmt4/committees>
- 9.33 International Conference on Advances in Construction Materials and Systems (ICACMS-2017) 3-8 September 2017 Chennai, India.**
<http://www.rilem2017conference.org/scientific-committees>
- 9.34 2nd International Congress on Materials & Structural Stability, CMSS-2017, Rabat, Morocco, 22-25 November 2017.**
<http://www.congresscmss.org/?team=hakim-s-abdelgader>
- 9.35 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>
- 9.36 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/>

AREAS OF PROFESSIONAL INTEREST:

1. Concrete mix design.
2. Recycled materials for concrete production.
3. Concrete elements cast in fabric forms.
4. Two-stage concrete (Pre-placed aggregate concrete) technology and its practical applications.
5. Concrete repair.
6. Durability.
7. Self compacting concrete, High-Performance Concrete.
8. 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)

PUBLICATIONS:

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. ABDELGADER, 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. ABDELGADER, 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 ELGALHUD 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 ELGALHUD 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 ELGALHUD 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.
25. ABDELGADER H. S. and ALI S. EL-BADEN and ABOUJEILA M. OTHMAN (2009). Underwater Concreting Using Self-Compacting Grout with Two-stage Concrete. Symposium 2ND SCC 2009 Beijing.
26. ABDELGADER H. S. and ALI S. EL-BADEN (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 MANAL F. NAJJAR. (2009). Advances in Concreting Methods. SBEIDCO -1st International Conference on sustainable Built Environment Infrastructures in Developing Countries ENSET Oran (Algeria) – October 12-14.
28. JOHN O'MALLEY 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. , MANAL F. NAJJAR and TAREQ M. AZABI (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. , OTHMAN A. M. FAHEMA A. H. and SULEIMAN R. E. (2011) “INFLUENCE OF GROUT PROPORTIONS ON THE MECHANICAL BEHAVIOUR OF TWO-STAGE CONCETE” IQCMEA-ICF-Processing, Performance and Failure Analysis of Engineering Materials, 14-17 Nov., 2011, Luxor, Egypt.
31. ABDELGADER H. S., ALI S. EL-BADEN and JAMES M. SHILSTONE (2012). Bolomeya Model for Normal Concrete Mix Design. CPI-Concrete Plant International - 2/2012 <http://www.cpi-worldwide.com/node/22720>
32. Abdelgader H S, El-Baden A S., Fahema A H. (2012) “Modulus of Elasticity of Two-Stage (Preplaced aggregate) Concrete” Proceedings of the 4th International Conference on Seismic Retrofitting, 2-4 May 2012,Tabriz, Iran.
33. Abdelgader H S, El-Baden A S., Fahema A H. (2012) “A Simple Mix Design Method for Normal Concrete” ACI-KC Third International Conference on Design and Sustainability of Structural Concrete in the Middle East; with emphasis on High Rise Buildings May 8-10, 2012 State of Kuwait.
34. Abdelgader H. S. and El-Baden A. S (2012) “Methods to Produce Low Carbon Two Stage Concrete” Concrete in the Low Carbon Era Proceedings of the International Conference held at the University of Dundee, Scotland, UK on 9 - 11 July 2012.
35. Abdelgader H. El-Baden A. (2012) “Underwater concreting by using two-stage concrete (case study)” ICCRRR 2012 and RILEM Week 2012 International Conference on Concrete Repair, Rehabilitation and Retrofitting Cape Town, South Africa, 02-05 September 2012
36. Abdelgader H. S., Segayer A.M., Fahema A. H., El-Baden A. S. and Angelescu N. (2013) “Mechanical Properties of Two-Stage (Pre-Placed Aggregate) Concrete”. Advances in Cement and Concrete Technology in Africa Johannesburg, South Africa, January 28-30, 2013. http://www.accta2013.com/en/accta_media/accta_programme.pdf

37. Cristina Stancu, Angelescu N., Abdelgader H., Bratu V., Stanciu D., Ion I. (2013) “The influence of hydration on the mechanical strength of the high aluminous cement”. Advances in Cement and Concrete Technology in Africa Johannesburg, South Africa, January 28-30, 2013. http://www.accta2013.com/en/accta_media/accta_programme.pdf
38. Abdelgader H. S, El-Baden A. S, Fahema A H, Angelescu N. (2013). “Concrete Mix Proportioning using Three Equations Method (Laboratory Study)” UKIERI Concrete Congress Innovations in Concrete Construction5 - 8 March 2013 Jalandhar - 144 011 (Punjab) India. <http://www.ptu.ac.in/Upload/NoticeBoard/568.pdf>
39. Ion I, Aguiar J B, Angelescu N, Abdelgader H S.(2013) “Polymer Effect on the Rheological Properties of the PPC Blends” UKIERI Concrete Congress Innovations in Concrete Construction 5 - 8 March 2013 Jalandhar - 144 011 (Punjab) India.
40. Darius Stanciu, José Barroso De Aguiar, Nicolae Angelescu, Hakim S. Abdelgader.(2013) “Special Self-Compacting Concretes” UKIERI Concrete Congress Innovations in Concrete Construction5 - 8 March 2013 Jalandhar - 144 011 (Punjab) India. <http://www.ptu.ac.in/Upload/NoticeBoard/568.pdf>
41. Morohashi N., Meyer C. and Abdelgader H. S. (2013). CONCRETE WITH RECYCLED AGGREGATE PRODUCED BY THE TWO-STAGE METHOD. CPI-Concrete Plant International -4/2013 <http://www.cpi-worldwide.com/en/journals/artikel/31050>
42. Abdelgader H. S, Saud A. F, and El-Baden A. S (2013). “Flexural Strength of Two-Stage Concrete”. Third International Conference on Sustainable Construction Materials and Technologies (SCMT3), August 18 to 22, 2013, Kyoto, Japan. <http://www.jci-net.or.jp/~scmt3/committee.html>
43. Abdelgader H. S, Saud A. F, and El-Baden (2013) (SELECTED/ PAPER) "EFFECT OF SILICA FUME! ON SELF -COMPACTING CONCRETE” 1st international! RILEM conference on rheology and processing of Construction materials, 2nd to the 4th of September 2013, Paris, France.
44. Abdelgader H. S, Elbajegni S. A., and Elwefati A. M. (2014). Mix designs of self compacting concrete using local materials. CPI-Concrete Plant International -1/2014 <http://www.cpi-worldwide.com/en/journals/artikel/33608>

45. Abdelgader H. S., (2014). Concrete mix design using the double-coating method. BFT International 04/2014.
http://www.bft-international.com/en/issue/bft_2014-04_1946392.html
46. Abdelgader H S., Abdul Awal A.S.M. & El-Baden Ali S. (2014) Evaluation of Energy Dissipation in Flexure For Two Stage Concrete. MALAYSIAN JOURNAL OF CIVIL ENGINEERING. Vol. 26 No. 3. 2014.
<http://civil.utm.my/mjce/files/2014/12/Paper-3-263.pdf>
47. Abdelgader, H. S., Górski, J., Khatib, Jamal., M. & El-baden, A. S., (2016) “Two-stage concrete: effect of silica fume and superplasticizers on strength” BFT INTERNATIONAL Concrete Plant + Precast Technology, (Concrete Technology), 03/2016 pp30-36.
http://www.bft-international.com/en/issue/bft_2503759.html
48. Abdelgader H S., and El-baden A. S. (2016) “Mechanical properties of no-fines concrete” Materiały Budowlane, August 2016, DOI: 10.15199/33.2016.08.40, pp.129-131.. <http://www.materialybudowlane.info.pl/377-wydanie/mb-2016-8/9668-mechanical-properties-of-no-fines-concrete.html>
49. Abdelgader H S., El-baden A. S. and Alaa Alrahman Aburawi (2016)
"دراسة عن تقنيتي الخرسانة ذات المرحلتين وخرسانة "الصخور المملوءة بالخرسانة"
مجلة البحوث الهندسية - كلية الهندسة - جامعة طرابلس
<http://www.jer.edu.ly/y2016.htm>
50. Nicolae ANGELESCU, Darius STANCIU, José BARROSO DE AGUIAR, Hakim S. ABDELGADER, Vasile BRATU (2016). “Role of Superplasticizer Additives Upon Hydration Process of Cement Pastes” Scientific Bulletin of Valahia University - Materials and Mechanics..DOI 10.1515/bsmm-2016-0004.
51. Abdelgader H. S., El-Baden A. S., Abdurrahman H. A., and Abdul Awal A.S.M., “Two-Stage Concrete as a Sustainable Production” January 2018 MATEC Web of Conferences 149 (3) : 02009 DOI10.1051/mateconf/2017 14902009.
52. Abdelgader, H.S.; West, M.; and Górski, J., “Fabric formwork – an alternative to traditional formwork” *Betonwerk und Fertigteil-Technik* (Concrete Precasting Plant and Technology), No. 3, March. 2018, pp. 48-57.

Hakim S. Abdelgader is a Professor of civil engineering Department at Tripoli University, Tripoli, Libya. from January 2003 – until now. My graduate degrees (MSc and Ph.D.) were received from the Technical University of Gdansk in Poland in 1990 and 1996 respectively. At the same time I worked in research at the Gdańsk University of Technology from May 1996 – until 2002.

His main research interests include building materials, concrete technology, cement replacement materials, durability, non destructive testing and repair of concrete structures. He has published more than 45 papers in international journals and is serving as an editorial member of many reputed journals. He is also member of RILEM TC-ISC technical committee.

He has devoted his international experience with concrete to improve construction in his native Libya through the use of pre-placed aggregate concrete, self-compacting concrete, concrete with recycled materials, underwater concreting, grouting and concrete casing in fabric forms. He has authored or co-authored over 40 professional technical papers and reports. He was named in Who's Who in world 2000. He was been involved in organization of several International Conferences and member of Scientific Committees. He was also invited keynote speaker in several International Conferences (North America, Europe, Africa, Middle East, Iran, India). He is a associate member and voting member of American Concrete Institute (ACI) Committees 221, 237, 304, 444, 555 and 706. He is reviewer and contributor to ACI, Construction & Building Materials and ASCE publications.

Dr. Abdelgader is a founding member of the committee developing a unified African Concrete Code and is active in the Libyan Society of Civil Engineering.