

CURRICULUM VITAE

PERSONAL INFORMATION:

Name: Abdurrahman Ahmed T. A. Elgalhud
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ACADEMIC CERTIFICATION:

09/2013 – 12/2017 PhD, Civil Engineering Department, School of Engineering, University of Birmingham, Birmingham, UK.
09/2011 – 09/2012 M.Sc., Structural and Concrete Division with Merit, Civil Engineering Department, The University of Sheffield, UK.
09/2010 – 08/2011 Academic English Course, The English Language Teaching Center, The University of Sheffield, UK.
09/2001 – 06/2005 M.Sc., Civil Engineering Department, Structural Division, Overall Grade Very Good, University of Tripoli, Tripoli – Libya
09/1995 – 06/2001 B.Sc., Civil Engineering Department, Faculty of Engineering, Overall Grade Good, University of Tripoli, Tripoli – Libya

ACADEMIC EXPERIENCE:

06/2018 – until now Assistant Professor, Civil Engineering Department, University of Tripoli, Tripoli, Libya.
01/2018 – 06/2021 Lecturer, Civil Engineering Department, University of Tripoli, Tripoli, Libya.
10/2012 – 09/2013 Assistant lecturer, Civil Engineering Department, University of Tripoli, Tripoli, Libya.
10/2008 – 09/2010 Assistant lecturer, Civil Engineering Department, University of Tripoli, Tripoli, Libya.
09/2006 – 09/2008 Assistant lecturer, Civil Engineering Department, Al-Mergeb University, Al-Khomis, Libya.

AWARDS: Won the prestigious best paper award in the ICE journal - Magazine of Concrete Research in 2018. The paper should reflect originality, understanding and excellence showing potential actual benefit in application.

PUBLICATIONS:

1. Elkhoja, A. M., **Elgalhud, A. A.**, Najjar, M. F., & Elmusrati, E. A., (2022), Influence Of Fine Aggregate Type And Content On The Properties Of Grout For Two-Stage Concrete. *Journal of Engineering Research*, Issue 33, March 2022, pp. 1-19.
2. Najjar, M. F., Elmusrati, E. A. Elkhoja, A. M. & **Elgalhud, A. A.**, (2021), Influence Of Fine Aggregate Type And Content On The Properties Of Grout For Two-Stage Concrete. *Journal of Engineering Research*, Issue 31, March 2021, pp. 1-12.
3. **Elgalhud A. A.**, (2020). Sustainable Concrete with Low Carbon Footprint. Third International Conference on Technical Sciences (ICST2020), 28 – 30 November 2020, Tripoli – Libya, pp. 97-102.
4. **Elgalhud, A. A.**, Elkhoja, A. M., Najjar, M. F., & Elmusrati, E. A. (2020). Towards Sustainable Development of Concrete Industry. *Alostath*, 20(1).
5. **Elgalhud A. A.**, (2020). Statistical Modelling of Carbonation of PLC Concrete. *The Academic Open Journal Of Applied And Human Sciences*, Volume 1, Issue 1, pp. 158-183.
6. OBE, R. K. D., Lye, C. Q., Lynn, C. J., & **Elgalhud, A. A.** (2018, November). Sustainable construction materials for concrete: A question of responsible use. In IOP Conference Series: Materials Science and Engineering (Vol. 442, No. 1, p. 012001). IOP Publishing.
7. **Elgalhud A. A.**, Dhir R. K. and Ghataora G. S., (2018). Chloride ingress in concrete: limestone addition effects. *Magazine of Concrete Research (ICE Journal)*, Volume 70, Issue 6, pp. 292-313.
8. Dhir R. K.; Lye C. Q.; Lynn C. J. and **Elgalhud A. A.**, (2018). Sustainable construction materials for concrete: A question of responsible use. Proceedings of the International Conference; Sustainable Concrete Materials and Structures; Valletta, Malta – 10th April 2018.
9. **Elgalhud A. A.**, Dhir R. K. and Ghataora G. S., (2017). Carbonation resistance of concrete: limestone addition effect. *Magazine of Concrete Research (ICE Journal)*, Volume 69, Issue 2, pp. 84-106.
10. **Elgalhud A. A.**, Dhir R. K. and Ghataora G. S., (2016). Limestone addition effects on concrete porosity. *Cement and Concrete Composites (Elsevier Journal)*, 72, pp.222-234.
11. Abdelgader H. S. and **Elgalhud A. A.** (2008). Effect of grout proportions on strength of two-stage concrete. *Structural Concrete (fib Journal)*, 9(3), pp. 163–170.
12. Abdelgader H. S., Ben-Zeitun A. E., Saud A. F. and **Elgalhud A. A.** (2008). Effect of admixture type on mechanical behavior of two-stage concrete. The 7th International Congress, Concrete Construction's Sustainable Option Dundee, Scotland, 8-10 July.

13. Abdelgader H. S., Ben-Zeitun A. E. and **Elgalhud A. A.** (2007). Influence of different admixtures on the mechanical behavior of pre-placed aggregate concrete. Proceedings of the ACI-KC Second International Conference, March 12-14, Kuwait
14. Abdelgader H. S., Ben-Zeitun A. E., Saud A. F., and **Elgalhud A. A.** (2006). Mechanical behavior of two-stage concrete. Proceedings of the 10th Arabic Engineering Conference, 13-15 November Kuwait.
15. Abdelgader H. S., Ben-Zeitun A. E. and **Elgalhud A. A.** (2006). Use of 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