CURRICULUM VITAE

PERSONAL INFORMATION:

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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.
- 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.
- 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.
- 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
- 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