POSITION LECTURER

Name Othman Mosbah Mohamed Elbasir

Date of Birth 5-6-1971

Total-experience 17 years

With the firm since 1999

Nationality Libyan

KEY QUALIFICATIONS

PhD (Doctor of Philosophy civil engineering. concrete technology)

MSc (Civil and Structural Engineering ).

Higher Diploma (Civil Engineering).

EDUCATION

**2014 - 2018** PhD Degree in civil engineering. Concrete Technology- Universiti Sains Malaysia (USM)

**2006-2007** Master Degré of Civil Engineering – Structure- Universiti Kebangsaan Malaysia (UKM)

**1996-1999** Higher Diploma Major Structure- Faculty of Structural Engineering Technology/ Mssllata, Libya

EMPLOYMENT

2018 up to now High Institute of Science and Technology, Civil Engineering

2011-2014 High institute of science and technology Qase Bin gasher Libya

lecture and head of department civil engineering

**EXPERIENCE RECORD**

2018 up to now High Institute of Science and Technology, Civil Engineering

2011 – 2014 - Lecture, Department Civil Engineering High institute of science and technology

**Teaching Experience**

* Strength of materials
* Static
* Quantity survey
* Serving
* Cost estimation
* Construction drawing
* Soil mechanics

2008 – 2011 Adpi-Site Engineer (Supervision Team)

2004-2006 Man-made River for Réclamation and Construction-( Civil Engineer).

1999-2004 general works company – Department Manager.

Experience record

2018 up to now High Institute of Science and Technology, Civil Engineering

2011-2014 Libya high institute of science and technology gaser bin gasher

2008 - 2011 Libya New Tripoli International Airport

2004- 2006 Libya the construction of a new Batching Blant and a 30km fence around Abo Isha agriculture project

1999 - 2004 Libya The Following up of the daily activities of the roads construction department and supervision of the working tem

LIST OF PUBLICATIONS

1. Elbasir, O. M., Johari, M., Azmi, M. & Ahmad, Z. A. (2015). Influence of Initial Silica Modulus of Na2SiO3 on the Compressive Strength of Alkali Activated Ultrafine Palm Oil Fuel Ash Based Mortar. *Applied Mechanics and Materials*
2. Elbasir, O. M., Megat Johari, M. A. & Ahmad, Z. A. (2017). Effect of fineness of palm oil fuel ash on compressive strength and microstructure of alkaline activated mortar. *European Journal of Environmental and Civil Engineering*, 1-17.

**3)** Elbasir, O. M., Megat Johari, M. A. & Ahmad, Z. A. (2019). Influence of Ultrafine Palm Oil Fuel Ash on Compressive Strength and Microstructure of Binary Blended Fly Ash and Ground Granulated Blast-Furnace Slag Based Alkaline Activated Mortars. Heliyon- journal-Elsevier. *under revew*.

### 4) Elbasir, O. M., Johari, M. A. M., Mijarsh, M. J. A., & Ahmad, Z. A. (2019, August). Investigation on Strength Enhancement of U-TPOFA Based Binary Blended Alkali Activated Mortar Through Addition of Fly Ash. In *AWAM International Conference on Civil Engineering* (pp. 1129-1137). Springer, Cham.

(5 **Elbasir, O. M**, M.J.A. Mijarsh , Manssour A. abdulsalam Bin Miskeen , Megat Azmi Megat Johari, Zainal Arifin Ahmad , Almahdi Mohamed;Impact of initial silica modulus of sodium silicate on the compressive strength of alkaline activated fly ash based mortar- Second Conference for Engineering Science and Technology (CEST-29-30-31- Oct 2019) -subratha university

6). **Elbasir, O. M**, Almahdi Araba, Manssour Bin Miskeen, Sghaiar Nser, Najat Fathi ; Effect of Addition Silica Fume on the workability, Strength and Permeability of Concrete- Second International Conference for Engineering Science and Technology (ICST- 16 -17- Oct -2019) -sebhau university.

7). Using Importance-Satisfaction Analysis (ISA) To Identify the Most Critical Criteria to Improve Service Quality of Public Bus Transport in Libya. *مجلة العلوم البحثة و التطبيقية*, *18*(4). (2019) منصور بن مسكين و مسعود فكرون و حامد ضو و أبوسيف اشنيوي و عثمان البصير و المهدي أبوحام...‎

8). Elbasir, O. M., Mijarsh, M. J. A., Johari, M. A. M., Ahmad, Z. A., & Mashri, M. O. Compressive Strength Development of Geopolymer Mortar by Utilization Slag and Fly Ash Mixtures. International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9, Issue-2, December 2019

9). Elbasir, O. M., Mijarsh, M. J. A., Johari, M. A. M., Mashri, M. O., Karolina, R., & Ahmad, Z. A. (2020, May). Effect of various commercial of Na2SiO3 on compressive strength of Fly ash-based alkaline activated mortar. In *IOP Conference Series: Materials Science and Engineering* (Vol. 801, No. 1, p. 012078). IOP Publishing.

10). Investigating the properties of the fly ash. **Otman M. M. Elbasir**. 1\*. , Megat Azmi M. 1. High Institute of Science and. 2,5. School of Civil Engineering, Engi. 2019م 2019 ﺑﺎﻟﺰاوﻳﺔ اﻟﻬﻨﺪﺳﻴﺔ اﻟﻤﻬﻦ ﻟﻨﻘﺎﺑﺔ اﻟﺜﺎﻧﻲ اﻟﻬﻨﺪﺳ

11). Design and cost comparison of the Solid Slabs and Hollow Block Slabs. Mohamed Mashri1 , Khaled Al-Ghosni , Abdulbaset Abdulrahman Mohamed Ismaeil , Alfadhil Abdussalam, Otman M. M. Elbasir. Global Scientific Journals GSJ: Volume 8, Issue 1, January 2020, Online: ISSN 2320-9186

Languages Speaking Reading Writing

Arabic Fluent Fluent Fluent

English good good good