

CURRICULUM VITAE

❖ PERSONAL DATA

- Name: NAHLA. N. HILAL
- Sex: Female
- Nationality: IRAQI
- Address: Iraq –anbar -fallujah city
- Current Position Director of International office
- Emails: nahla.naji@uofallujah.edu.iq

❖ Fields of Interest:

Self-compacting concrete, Fiber Reinforced Concrete, Waste Plastics, nano_engineered_concrete, pozzolanic and sustainable material, and Eco-Friendly Concrete.

❖ ACADEMIC QUALIFICATIONS

- PhD of Construction Engineering, University of Gaziantep, Turkey January 2016 .
- Thesis: Characteristics of Self- Compacting Concretes with Tire Rubber Wastes
- **M.Sc.** of Construction Engineering, University of Anbar, Iraq, **January 2005**
- Thesis: Mechanical Properties of Ultra- HIGH- STRENGTH- CONCRETE.
- **B.Sc.** of Civil Engineering, University of Anbar, Iraq, **July 1994.**

❖ A- RESEARCH PUBLICATIONS:

1. Hilal, N.N., Mohammed, A.S. & Ali, T.K.M. Properties of Eco-Friendly Concrete Contained Limestone and Ceramic Tiles Waste Exposed To High Temperature. Arab J Sci Eng (2020). <https://doi.org/10.1007/s13369-020-04482-x>

2. MOHAMMED, A., ALI, T. K. M., RAJAB, N., & HILAL, N. (2020). Mechanical Properties of Concrete and Mortar Containing Low Density Polyethylene Waste Particles as Fine Aggregate. *Journal of Materials and Engineering Structures* «JMES», 7(1), 57-72.
3. Hilal, N. N., Sahab, M. F., & Ali, T. K. M. (2020). Fresh and Hardened Properties of Lightweight Self-Compacting Concrete Containing Walnut Shells as Coarse Aggregate. *Journal of King Saud University-Engineering Sciences*.
4. Nahla N. Hilal , Qays Kareem, Mohammed T. Nawar(2019) Influence of Polyethylene Waste on Some Fresh& Mechanical Properties of Self - Compacting Concrete, *Journal of Engineering and Applied Sciences*, Volume 13,Issue 14,Pages10901-109011.
5. Nahla Naji Hilal(2018) Workability and Hardened Characteristics of Self-Compacting Rubberized Concrete, *Journal International Journal of Information Engineering and Applications* 2018; 1(2): Pages 79-94 .
6. Nahla N. Hilal, Sheelan M. Hama(2018) Fresh properties of concrete containing plastic aggregate,chapterFive in book use-of-recycled-plastics-in-eco-efficient-concrete, https://www.amazon.com/gp/new-releases/books/52183011/ref=zg_b_hnr_52183011_1.
7. Dr. Nahla Naji Hilal1 , *Dr. Sheelan Mahmoud Hama2 , Dr. Mohammed Mosleh Salman(2018) THE EFFECT OF PARTICLE SIZE DISTRIBUTION (PSD) OF RUBBRIZED SELF-COMPACTING CONCRETE (RSCC) *Journal of Engineering and Sustainable Development*
8. Nahla N. Hilal, Sheelan M. Hama(2017) Fresh properties of self-compacting concrete with plastic waste as partial replacement of sand, *International Journal of Sustainable Built Environment* 6, 299–308.
9. Nahla N. Hilal(2017) Hardened properties of self-compacting concrete with different crumb rubber size and content, *International Journal of Sustainable Built Environment* , 6, 191–206.
10. Nahla Naji Hilal &Sheelan M. Hama(2017) AN INTRODUCTION TO PERVIOUS CONCRETE PRODUCTION AND APPLICATIONS, The Seventh Jordanian International Civil Engineering Conference
11. E Güneyisi, M Gesoglu, N Naji, S İpek(2016) Evaluation of the rheological behavior of fresh self-compacting rubberized concrete by using the Herschel–Bulkley and modified Bingham models, *Archives of Civil and Mechanical Engineering* 6 (2 0 1 6) 9 – 1 9.
12. Abdulkader Ismail Al-Hadithi,Nahla Naji Hilal (2016) The possibility of enhancing some properties of self-compacting concrete by adding waste plastic fibers *Journal of Building Engineering*, 8,20–28.

13. Assist. Prof. Dr. Ibrahim A. S AL-Jumaily, Nahla Naji, Qays Kareem (2015) An overview on the Influence of Pozzolanic Materials on Properties of Concrete International Journal of Enhanced Research in Science Technology & Engineering.
14. Nahla N. Hilal, Majeed Mattar Ramal, Aseel abdulla (2012) The effect of use the silica sand on some mechanical properties of concrete, Tikrit Journal of Engineering Sciences, Volume 19, Issue 4, Pages 48-65.
15. Nahla N. Hilal (2012) Performance of Fiber normal weight concrete Exposed to Elevated Temperatures, Iraq journal for Civil engineering . 8 (4), 1-14.
16. Nahla N. Hilal (2012) The effect of fineness upon physical properties of cement mortar, Iraqi Journal for Civil Engineering 6 (3), 41-50.
17. Nahla Naji Hilal , Aseel Mohammad (2010) Re-using The By-product of Cement Industry (Cement Kiln Dust) To Produce The Concrete, Journal Anbar Journal of Engineering Sciences Volume 3, Issue 2, Pages 1-14.
18. Nahla Naji Hilal (2012) Effect of Chloride Salt on Reinforced Concrete Structures, Anbar Journal for Engineering Sciences, 0, 2012.
19. Nahla Naji Hilal, Mechanical Properties of Ultra- HIGH- STRENGTH- CONCRETE A THESIS SUBMITTED TO THE DEPARTMENT OF CIVIL ENGINEERING COLLEGE OF ENGINEERING AL- ANBAR UNIVERSITY.
20. Nahla Naji Hilal (2016) CHARACTERISTICS OF SELF-COMPACTING CONCRETES WITH TIRE RUBBER WASTES. Ph.D. THESIS IN CIVIL ENGINEERING, GAZIANTEP UNIVERSITY.
21. Ehab Hamad Sfoog 1, Alvin John Lim Meng Siang 1*, Wael M. Albadri, Nahla Naji 3, Sim Sy Yi 4, Nickholas Anting Anak Guntor 5 Finite Element Modeling of Innovative Shallow Raft Foundation with Granular Pile Anchor System for Expansive Clays.

❖ **B-International Conferences**

- The 2nd International Conference on Engineering and Human Development, **Istanbul –turkey ,26-27 oct.2016**
- The Seventh Jordanian International Civil Engineering Conference, (JICEC7), May 9-11, 2017. Jordan Engineers Association.
- The 2nd Global Congress on Construction, Material and Structural Engineering IOP Conf. Series: Materials Science and Engineering 713 (2020) 012050 IOP Publishing doi:10.1088/1757-899X/713/1/012050.

❖ **PH.D Supervision**

- Co-Supervisor for Mr. Ehab Hamad Sfoog. Mr Ehab is a PhD student in Universiti Tun Hussein Onn Malaysia (UTHM).

❖ **MSc Supervision**

- Co-Supervisor for Mr. Ammar Hamid "RODUCTION AN ECO –FRIENDLY SELEF COMPACTING LIGHT WEIGHT CONCRETE, Civil Eng. Department University of Anbar"
- Co-Supervisor for Mrs. Nibras y. Rasheed Al-Ani "Production and study the effect of nano clay on characteristics of self compacting concrete "Civil Eng. Department University of Anbar.

❖ **B.Sc. Supervision**

- Effect of Chloride Salt on Reinforced Concrete Structures2011.
- The effect of temperature on the examination of UPV of the concrete reinforced with glass fiber 2012.
 - Comparison between the design of mixtures in the American and British methode2016.
 - Effect of treatment of Polyethylene Waste on mechanical properties of self-compacting concrete2017.
 - improving the properties of reinforced concrete slabs exposed to high velocity impact loads using new type of plastic waste 2018.

❖ **ACADEMIC EXPERIENCE**

Teaching many courses at the University of Anbar and University of Fallujah (5/6/2006- now)

- Engineering statistics.
- Advanced concrete design.
- Computer applications.
- Concrete and steel structures technology.
- Engineering drawings.
- Building materials .
- Concrete design.
- Design of Reinforced Concrete Structure.
- Designs of hydraulic Structure.
- and English Language.

❖ **Professional Responsibilities:**

- Faculty member for 14 years.
- Appointment of Reviewer for Journal of Engineering Science and Technology (JESTEC) JESTEC © School of Engineering, Taylor's University.
- Researcher in In local& International Journals.
- As a review in the national and international Journals.
- As a review in the national and international Conferences.
- Editor Board Anbar Journal of Engineering Science.
- Chairman of the Educational Guidance Committee.
- Member of the discussion committees of graduation projects.
- Member of the Examinations Committee.
- Member of Quality Committee (Description of Academic Program)
- Member of the Accreditation Committee (ABET).
- Member of the website of the Faculty of Engineering.
- A member in Iraqi Engineers Association.
- A member of Arid International for researchers as an innovative research.
- and Director of International office in university of fallujah.

❖ **Awards and Honours:**

- Fellowship scholarship (2012-2016) for my PhD study at **University of Gaziantep**, Turkey.
- Several books of thanks and appreciation from the Minister of Industry and Minerals.
- Several books of thanks and appreciation from the President of Anbar University.

- Several books of thanks and appreciation from the Dean of the Faculty of Engineering.
- Several certificates of appreciation from the dean of the Faculty of Engineering
- Several certificates from the University President.
- Entrepreneur Research Medal from Arid international platform for Arabic speaking researchers.
- Certificate of appreciation from the President of the Iraqi University.

- Certificate of appreciation from the Dean of the Faculty of almaearif aljamiea.
- Distinguished Researcher Page Medal from Arid want international platform for Arabic speaking researchers.

❖ **LANGUGAES**

- Arabic is the native language.
- English is the second language.
- Turkish.