



ZAID HAZIM AL-SAFFAR

PhD- Civil Engineering

CONTACT

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PERSONAL INFORMATION

Date of Birth: 04/11/1989

Nationality: Iraqi

Sex: Male

Marital Status: Married

MEMBER

Iraqi Engineering Union [since 2011].

GOOGLE SCHOLAR & RESEARCH GATE



MAIN CURRENT RESEARCH AREA

Sustainability of Construction
Materials
Utilisation of Waste Materials in
Construction
Pavement and Road Materials
Heritage Buildings Materials

EDUCATION

PhD in Civil Engineering (Pavement and Road Materials Engineering)

Universiti Teknologi Malaysia

[Sep. 2018 – Feb. 2021]

Master in Construction Materials Engineering

Technical College of Mosul- Northern Technical University- Iraq

[Nov. 2012 – April. 2015]

Bachelor in Building and Construction Engineering

Technical College of Mosul- Northern Technical University- Iraq

[Nov. 2007 – July 2011]

ACADEMIC/ EXHIBITION AWARDS

Best Paper Award

International Conference (13th GEOTROPIKA & 3rd ICHITRA), 2024

Best Paper Award

Smart and Green Materials, 2024

Best Project Award

Technical Engineering College, Northern Technical University, 2024

Top 10 Researchers at NTU

3rd Researcher, 2023

Silver Prize

Seoul International Invention Fair (SIIF 2023)

International Special Award

7th International Invention Innovation Competition in Canada (iCAN), 2022.

Best Invention Video Award

7th International Invention Innovation Competition in Canada (iCAN), 2022.

Gold Medal Award

7th International Invention Innovation Competition in Canada (iCAN), 2022.

Gold & Silver Medal Awards

12th Creation, Innovation, Technology & Research Exposition (CITREX), 2022.

Best Paper Award

4th International Symposium on Civil and Environmental Engineering (ISCEE) 2022.

Gold Award

11th Malaysian Road Conference and Invention & Innovation Exhibition (MRC-IIE) 2022.

Best Researcher

(Non-staff graduates category), Northern Technical University (NTU), 2021.

Pro-Chancellor Award

Universiti Teknologi Malaysia, UTM's 64th Convocation, 2021.

Best Postgraduate Student Award

Universiti Teknologi Malaysia, UTM's 64th Convocation, 2021.

Certificate of Excellence

Universiti Teknologi Malaysia, 2021.

Bronze Medal Award

4th Advanced Innovation & Engineering Exhibition (AiNEX), 2021.

Best Paper Award

2nd International Conference on Highway and Transportation Engineering (ICHITRA) 2021.

Uprising Award

UTM International, 2020

Gold Medal Award

31st International Invention, Innovation & Technology Exhibition (ITEX) 2020.

Best Article in Advanced Materials

2nd International Seminar on Sustainable Construction Engineering (ISSCE2020), 2020.

Bronze Medal Award

21st Industrial Art & Technology Exhibition (INATEX), 2019.

JOB PROFILE

1. **Head of Department, Building & Construction Engineering Techniques Engineering, Technical Engineering College of Mosul, NTU, IRAQ [August 2024 to Present]**
 2. **Consultant of Mosul Municipality, Nineveh Governorate, Iraq [September 2024-Present]**
 3. **Member of the Supreme Council for Scientific Research, Northern Technical University (NTU), Iraq [Oct. 2024-Present]**
 4. **Member of Industrial Advisory Council, Northern Technical University (NTU), Iraq [September 2023-Present]**
 5. **Lecturer (Full-time) at NTU university, Engineering Technical College of Mosul, NTU university, Iraq [March 2023-Present]**
 6. **Lecturer Visitor at Al-Noor University, Mosul Iraq [January 2023-Present]**
 7. **Project Manager at UNESCO, Project: Restoration & Rehabilitation of Zyada House (Phase II) in Old City, Mosul, Iraq [2023]**
 8. **QC Engineer at UNESCO, Project: Reviving Mosul & Basra Old Cities, Mosul, Iraq [June 2022- Sep. 2023]**
 - ✓ Reconstruction, Rehabilitation and Preservation of 75 Historical Houses
 - ✓ Rehabilitation Works for Suliman Al-Sayegh Palatial House
 - ✓ Restoration & Rehabilitation of Zyada House (Phase I)
 - ✓ Restoration and Rehabilitation of Four Heritage Houses in Mosul
 9. **Civil, Safety and TVET Engineer at UNESCO, Project: Reviving Mosul & Basra Old Cities [Aug. 2021- May 2022]**
 - ✓ Reconstruction, Rehabilitation and preservation of 43 Historical Houses
 - ✓ Reconstruction, Rehabilitation and Preservation of 75 Historical Houses
 7. **Lecturer (Volunteer-Part time) at NTU university, Technical College of Mosul, Iraq [April 2021-March 2023]**
 8. **Member of Bologna process committee at NTU, (Under supervision of UNESCO, TVET2 Project) [Sep 2021- Present]**
 9. **Scientific affairs department, Northern Technical University (NTU), Iraq [April 2021-Sep. 2021]**
 - I have worked on several programs, such as:
 - ✓ Post-Graduate Students Capacity Building Program (PGCBP)
 - ✓ University Lecturers Capacity Building Program (ULCBP)
 - ✓ Communication Skills Program
 - ✓ Capacity Building Unit
 10. **Advisor of international student society – IRAQ / Universiti Teknologi Malaysia (UTM) [2021]**
 11. **President of international student society – IRAQ / Universiti Teknologi Malaysia (UTM) [2020]**
 - ✓ As president of Iraqi student's union for more than 1 year, I have worked with my team on solving the problems of many students, helping more than 250 students and meet their needs. We have also worked on developing their capabilities through several of academic programs and courses.
 12. **Researcher and Engineer at Athar innovation (NGO), [2017]**

Athar is an NGO works of finding the new technology to support the humanitarian work in the MENA region. (More details can be found here: www.atharinnov.org)
 13. **Site engineer at Al-Rea'za group company [2011-2012]**
 - We have worked on building of several projects, such as:
 - ✓ Construction and building projects department – University of Mosul
 - ✓ Mosul university swimming pool
 - ✓ University presidency building
 - ✓ Al-Salam Hospital, Emergency department.
 14. **Site engineer at AL-Mehrab office for Design and Building [2011]**
 - ✓ We have worked on building and rehabilitation of many houses, commercial buildings, and restaurants.
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PUBLICATIONS
CLARIVATE- ISI ARTICLES & SCOPUS
60 articles

LINKS

Google Scholar

<https://scholar.google.com/citations?user=GcFUAesAAAAJ&hl=en>

Scopus

<https://www.scopus.com/authid/detail.uri?authorId=57217211138>

WOS

<https://www.webofscience.com/wos/author/record/AEM-3317-2022>

Orcid

<https://orcid.org/0000-0002-6189-1973>

ResearchGate

<https://www.researchgate.net/profile/Zaid-Al-Saffar-2>

REVIEWER

1. Construction & Building Materials [Elsevier]
2. Transportation Engineering [Elsevier]
3. Case Studies in Construction Materials [Elsevier]
4. Engineering Fracture Mechanics [Elsevier]
5. Physics and Chemistry of the Earth [Elsevier]
6. Materials Today Proceeding [Elsevier]
7. Sustainability [MDPI]
8. Applied Sciences [MDPI]
9. Materials [MDPI]
10. Buildings [MDPI]
11. Processes [MDPI]
12. Frontiers in Materials [Frontiers]
13. Cogent Engineering [Taylor & Francis]
14. Petroleum Science and Technology [Taylor & Francis]
15. Clean Technologies and Environmental Policy [Springer Nature]
16. Advances in Civil Engineering [Hindawi]
17. International Journal of Transportation Science and Technology [Elsevier]
18. 1st International Conference on Sustainable Development Techniques -ICSdT-
19. 4th International Conference on Advanced Science and Engineering -ICOASE-
20. 6th World Sustainable Construction Conference
21. 5th World Sustainable Construction Conference
22. International Forum on Integrated Infrastructure Development – InFIInD

EDITOR

1. Editorial board member of “*Smart & Green Materials*” journal, [2024 – Present]
2. Editorial board member of “*Construction*” journal, Universiti Malaysia Pahang. [2022 – Present]
3. **Guest Editor**, A special issue of “*sustainability*” Journal (ISSN 2071-1050), **Materials for Sustainable Pavement: Solutions & Challenges**, (Scopus and Scimago -Q1-, Clarivate -Q2-, Impact Factor: 3.889, Citescore: 5.8). [2022 & 2023]

SUPERVISOR

1. PhD (1 Student – 2024)
2. Bachelor (6 Projects)

CONFERENCE (PRESENTER)

1. 4th National Conference on Wind & Earthquake Engineering (**NCWE2020**) in conjunction with 2nd International Seminar on Sustainable Construction Engineering (**ISSCE2020**).
2. 3rd International Conference on Materials Engineering & Science (**IconMEAS 2020**).
3. The 2nd Global Congress on Construction, Material and Structural Engineering (**GComSE 2019**).
4. The 5th International Conference on Civil and Environmental Engineering for Sustainability (**IconCEES 2019**).

