

# Curriculum Vitae - Abdullah Omar Baarimah

**Nationality:** Yemeni

**Marital Status:** Married

**Date of Birth:** 27-01-1989

**Permanent Address:** Seiyun, Hadhramout, Yemen

**Temporary Address:** Department of Civil and Environmental Engineering,  
College of Engineering, A'Sharqiyah University, 400, Ibra, Oman

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**Specialization:** Civil Engineering

**Scopus:** <https://www.scopus.com/authid/detail.uri?authorId=57199323614>

**Google Scholar:** <https://shorturl.at/axG29>

**Research Gate:** [https://www.researchgate.net/profile/Abdullah\\_O\\_Baarimah](https://www.researchgate.net/profile/Abdullah_O_Baarimah)

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## Academic Qualification:

- ◆ **M.Sc. Degree in Civil Engineering**, March 2019  
Faculty of Civil Engineering, Universiti Malaysia Pahang (UMP), Pahang, Malaysia  
*Research Title:* Structural Behaviour of Fibers as Part of Shear Reinforcement in Reinforced Concrete Slab.
- ◆ **B.Sc. Degree in Civil Engineering**, June 2014  
University of Jordan, Amman, Jordan  
**CGPA:** 3.24/4 (Rating: Very Good)
- ◆ **Higher Secondary Certificate**, Jan 2009  
Seiyun Secondary School, Hadramout, Yemen  
**CGPA:** 92%. (Rating: Excellent)

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## Work Experiences:

- ◆ Lecturer in Civil Engineering, Department of Civil and Environmental Engineering, College of Engineering, A'Sharqiyah University, Oman, Feb 2024 – until now.
- ◆ Research Assistant, Department of Civil & Environmental Engineering, Universiti Teknologi PETRONAS, Malaysia, Mar 2020 – Dec 2023.
- ◆ Teaching Assistant for subjects Engineering Mechanics, Computer Programming, Law of Contract & Estimation, and Project Management in Construction during my Master study, UMP, Oct 2016 – Dec 2018.
- ◆ Research Assistant, Faculty of Civil Engineering & Earth Resources, UMP, Sep 2015– Jul 2018.
- ◆ Designer, Site Engineer and Quantity Surveyor, Several Local contracting companies in Hadramout, Yemen, Aug 2014 – Mar 2015.
- ◆ Intern, Site Engineer, Arab Dar Engineering Company at Al-salt New Hospital Project, Jordan, Jun 2013 – Aug 2013.

## Research Interests:

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- ◆ Construction Management
- ◆ Building Information Modeling (BIM)
- ◆ Post-Disaster Reconstruction
- ◆ Sustainable and Green Construction
- ◆ Fibers Reinforced Concrete
- ◆ Innovative Construction Material
- ◆ Automated Monitoring
- ◆ Artificial Intelligence

## Awards and Scholarships:

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1. **Tuition Fee Assistantship Scheme (TFA)** funded by Universiti Teknologi PETRONAS, Malaysia, Mar 2020 – Aug 2023.
2. **Bronze Medal:** HyFibers Concrete: Going Green. Malaysia Technology Exhibition (MTE 2019), Malaysia, Feb 2019.
3. **Bronze Medal:** KenCrete: Green Material to Building Structures. Seoul International Invention, Fair 2018, Seoul Korea, Dec 2018.
4. **Gold Medal:** KenCrete - Green Material for Building Structures. The 29<sup>th</sup> International Invention, Innovation & Technology Exhibition (ITEX 2018), Malaysia, May 2018.
5. **Gold Medal (From Top 10 in Staff Category):** HyFibers Concrete: Going Green. Creation, Innovation, Technology & Research Exposition (CITREx 2018), Malaysia, Feb 2018.
6. **Gold Medal:** KenCrete - Green Material to Green Structures. Creation, Innovation, Technology & Research Exposition (CITREx 2018), Malaysia, Feb 2018.
7. **Special Award, UMP Holding Invention Award:** HyFibers Concrete: Going Green. Creation, Innovation, Technology & Research Exposition (CITREx 2018), Malaysia, Feb 2018.
8. **Best Paper Presentation:** in Asia International Multidisciplinary Conference (AIMC 2017), Universiti Teknologi Malaysia (UTM), Malaysia, May 2017.
9. **Master Research Scheme (MRS)** funded by Universiti Malaysia Pahang Oct 2016 – Sept 2017.
10. **Scholarship** funded by Benevolent Fund of Outstanding Students (BFOS) for studying M.Sc. in Civil Engineering at Universiti Malaysia Pahang, Malaysia, 2015.
11. **Scholarship** funded by BFOS to study B.Sc. in Civil Engineering at University of Jordan, Jordan, 2009.

## Professional Affiliation/Membership:

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- ◆ Member of Yemen Engineers Syndicate, Yemen, 2019-unil now.
- ◆ Editorial Board Member in International Journal of Advanced Engineering Research and Science since Oct 2018.
- ◆ Financially Responsible for Yemeni Students Union (YSU) at UMP, Malaysia, 2016- 2017.
- ◆ Academic Officer for Postgraduate Association (PGA) at UMP, organizing academic workshops, Malaysia, 2015- 2016.
- ◆ Member of International Students Affiliation (ISA) at UMP, Malaysia, 2015- 2016.

## Research Grants:

No	Project Title	Year	Sponsorship	Role
1.	Advanced Shale Gas Extraction Technology Using Electrochemical Methods	Mar 2020 - Dec 2021	UTP	Researcher
2.	Behaviour of Fibers as part of Shear Reinforcement in Reinforced Concrete Slab (PGRS 180327).	Mar 2018 - Dec 2019	UMP	Researcher
3.	Behaviour of Fibers as part of Shear Reinforcement in Reinforced Concrete Slab (RDU 170340).	Apr 2017 - Dec 2018	UMP	Researcher

## Training and Workshops:

No	Program	Duration
1	Revealing ChatGPT Challenges and AI Tools: Opportunities and Implementation in Academic Research. Online Webinar Organized: IEEE Yemen Subsection.	Aug 2023
2	Construction Contracts and Law. Online Course Organized: Udemy.	Mar 2022
3	Building Information Modelling: Essentials of BIM Level-2. Online Course Organized: Udemy.	Jan 2022
4	PMP Exam Preparation course 40 PDUs - PMBOK 6 (40 Hour) Organized: Udemy.	Sep 2021
5	Construction Productivity-How to build Productivity DataBase. Online Course Organized: Udemy.	Aug 2021
6	New Thinking in Life & Business. Online Course Organized: Udemy.	June 2021
7	Data Analysis Techniques and Statistical Software. Online Course Organized: Yemeni Student Union at Malaysia.	Mar 2021
8	Project Management. Online Course Organized: Yemeni Student Union at Malaysia.	Oct 2020
9	Research Methodology and Proposal Research (2 Days). Online Course Organized: Yemeni Student Union at Malaysia.	Jul 2020
10	The Effective Techniques for Succeeding in the Viva-Voce. Online Course Organized: Yemeni Student Union at Malaysia.	Jun 2020
11	Smart Oral and Poster Presentation (2 Days). Online Course Organized: Yemeni Student Union at Malaysia.	Jun 2020
12	How to Publish Scientific Papers (2 Days). Online Course Organized: Yemeni Student Union at Malaysia.	Jun 2020
13	Information skill class: Online Database Turnitin. (6 Hour) Organized: Library of University Malaysia Pahang.	Apr 2018
14	UMP E-Resources Training: Web of Science and EndNote. (6 Hour) Organized: Library of University Malaysia Pahang.	Oct 2017

15	ANSYS Workshop. (8 Hour) Organized: The Institution of Engineers Malaysia.	May 2017
16	Information skill class: Online Database SpringerLink. (6 Hour) Organized: Library of University Malaysia Pahang.	Apr 2017
17	Time Control Skill Workshop. (6 Hour) Organized: Postgraduate Association (PGA), University Malaysia Pahang.	Oct 2016
18	Information skill class: Online Database MS Online. (6 Hour) Organized: Library of University Malaysia Pahang.	Oct 2016
19	Technical Writing using LATEX Workshop. (8 Hour) Organized: Postgraduate Association (PGA), University Malaysia Pahang.	Sep 2016
20	Introduction to MATLAB Programming Workshop. (8 Hour) Organized: Faculty of Computer System, University Malaysia Pahang.	Aug 2016
21	Technical Writing and Research Methodology. (24 Hour) Organized: Institute Postgraduate Students (IPS), University Malaysia Pahang.	June 2016
22	Viva-Voce Presentation Skills. (8 Hour) Organized: Institute Postgraduate Students (IPS), University Malaysia Pahang.	Apr 2016
23	Information skill class: Wiley Online Library. (6 Hour) Organized: Library of University Malaysia Pahang.	Apr 2016
24	Information skill class: Taylor and Francis Online Database. (6 Hour) Organized: Library of University Malaysia Pahang.	Mar 2016
25	Computer Aided Structural Design Using (PROKON). (18 Hour) Organized: Center of Consultation and Training, University of Jordan.	Jun 2014
26	Project Managements in P6 (PRIMAVERA P6). (18 Hour) Organized: Engineers Training Center, Jordan Engineers Association.	Jun 2014
27	Design of High-Rise Buildings (ETABS). (30 Hour) Organized: Engineers Training Center, Jordan Engineers Association.	Mar 2014
28	Structural Design Using (SAFE 12). (18Hour) Organized: Engineers Training Center, Jordan Engineers Association.	Feb 2014
29	Design of Concrete Structures. (30 Hour) Organized: Engineers Training Center, Jordan Engineers Association.	Mar 2013
30	Skills of Successful and How to be a Leader. (24 Hour) Organized: INJAZ Jordan, King Abdullah II Fund for Development, Jordan.	Mar 2010

## Skills:

- ◆ **Languages:** Arabic: Mother Tongue.  
English: V. Good.  
Basic of Malay.
- ◆ **Computer knowledge:** Windows, MS Office, C++ Programming.
- ◆ **Engineering Software:** ETABS, SAFE, PROKON, AutoCAD, Civil 3D, Primavera P6, ANSYS.
- ◆ **Research Software:** Mendeley, EndNote, Turnitin, VOSviewer, SPSS, SmartPLS.

# Publications:

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## Journals (ISI):

- ◆ Al-Mekhlafi, A. B. A., Isha, A. S. N., Chileshe, N., Kineber, A. F., Ajmal, M., **Baarimah, A. O.**, & Al-Aidrous, A. H. M. (2024). Risk assessment of driver performance in the oil and gas transportation industry: Analyzing the relationship between driver vigilance, attention, reaction time, and safe driving practices. *Heliyon*, 10(6). (ISI, Q2, IF = 3.4).
- ◆ Al-Aidrous, A. H. M., Shafiq, N., Rahmawati, Y., Mohammed, B. S., Al-Ashmori, Y. Y., **Baarimah, A. O.**, & Alawag, A. M. (2023). Major blocking factors affecting the application of industrialized building system. *Ain Shams Engineering Journal*, 14(10), 102151. (ISI, Q1, IF =6).
- ◆ Alawag, A. M., Alaloul, W. S., Liew, M. S., Musarat, M. A., **Baarimah, A. O.**, Saad, S., & Ammad, S. (2023). Critical success factors influencing total quality management in industrialised building system: A case of malaysian construction industry. *Ain Shams Engineering Journal*, 14(2), 101877. (ISI, Q1, IF = 6).
- ◆ Musarat, M. A., Alaloul, W. S., Cher, L. S., Qureshi, A. H., Alawag, A. M., & **Baarimah, A. O.** (2023). Applications of Building Information Modelling in the Operation and Maintenance Phase of Construction Projects: A Framework for the Malaysian Construction Industry. *Sustainability*, 15(6), 5044. (ISI, Q2, IF = 3.9).
- ◆ Al-Aidrous, A. H. M., Shafiq, N., Al-Ashmori, Y. Y., Al-Mekhlafi, A. B. A., & **Baarimah, A. O.** (2022). Essential Factors Enhancing Industrialized Building Implementation in Malaysian Residential Projects. *Sustainability*, 14(18), 11711. (ISI, Q2, IF = 3.9).
- ◆ Alawag, A. M., Alaloul, W. S., Liew, M. S., **Baarimah, A. O.**, Musarat, M. A., & Al-Mekhlafi, A. B. A. (2023). The Role of the Total-Quality-Management (TQM) Drivers in Overcoming the Challenges of Implementing TQM in Industrialized-Building-System (IBS) Projects in Malaysia: Experts' Perspectives. *Sustainability*, 15(8), 6607. (ISI, Q2, IF = 3.9).
- ◆ Bin Mokaizh, A. A., Shariffuddin, J. H., **Baarimah, A. O.**, Al-Fakih, A., Mohamed, A., Baarimah, S. O., ... & Saeed, A. A. H. (2022). Elucidating the Effects of Reaction Time on the Physicochemical Characterization of Valorized Synthesized Alumina. *Materials*, 15(9), 3046. (ISI, Q1, IF = 3.623).
- ◆ Qureshi, A. H., Alaloul, W. S., Hussain, S. J., Murtiyoso, A., Saad, S., Alzubi, K. M., ... & **Baarimah, A. O.** (2022). Evaluation of Photogrammetry Tools following Progress Detection of Rebar towards Sustainable Construction Processes. *Sustainability*, 15(1), 21. (ISI, Q2, IF = 3.9)
- ◆ **Baarimah, A. O.**, Alaloul, W. S., Liew, M. S., Kartika, W., Al-Sharafi, M. A., Musarat, M. A., ... & Qureshi, A. H. (2021). A bibliometric analysis and review of building information modelling for post-disaster reconstruction. *Sustainability*, 14(1), 393. (ISI, Q2, IF = 3.9).
- ◆ Farooq, W., Musarat, M. A., Iqbal, J., Kazmi, S. A. A., Khan, A. D., Alaloul, W. S., **Baarimah, A. O.**, & Ghaly, R. N. (2021). Optimized thin-film organic solar cell with enhanced efficiency. *Sustainability*, 13(23), 13087. (ISI, Q2, IF = 3.9).

## Journals (Scopus):

- ◆ Jamrah, A., Al-Zghoul, T., **Baarimah, A. O.**, & Al-Karablieh, E. (2024). A bibliometric analysis of olive mill wastewater treatment methods from 1988 to 2023. *Case Studies in Chemical and Environmental Engineering*, 9, 100736. (*Scopus Indexed, Q1*).
- ◆ Khan, M. A., Khan, R., Al-Zghoul, T. M., Khan, A., Hussain, A., **Baarimah, A. O.**, & Arshad, M. A. (2024). Optimizing municipal solid waste management in urban Peshawar: A linear mathematical modeling and GIS approach for efficiency and sustainability. *Case Studies in Chemical and Environmental Engineering*, 9, 100704. (*Scopus Indexed, Q1*).



- ◆ Bazel, M. A., Mohammed, F., **Baarimah, A. O.**, Alawi, G., Al-Mekhlafi, A. B. A., & Almuhaya, B. (2023, December). The Era of Industry 5.0: An Overview of Technologies, Applications, and Challenges. In *International Conference of Reliable Information and Communication Technology* (pp. 274-284). Cham: Springer Nature Switzerland. (*Scopus Indexed, Q4*).
- ◆ Mushtaha, A. W., Alaloul, W. S., **Baarimah, A. O.**, Rabah, F. K., Yousafzai, A. K., & Alakhali, A. K. (2024, January). Sustainability Assessment of Reverse Osmosis Desalination Plants in Gaza City: Multi-Criteria Analysis. In *2024 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETISIS)* (pp. 836-841). IEEE. (*Scopus Indexed*).
- ◆ Alawag, A. M., Alaloul, W. S., Al-dhawi, B. N. S., **Baarimah, A. O.**, Bazel, M. A., & Mushtaha, A. W. (2024, January). A Review and Bibliometric Analysis of Blockchain Adoption Within the Context of Smart Construction Projects. In *2024 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETISIS)* (pp. 805-811). IEEE. (*Scopus Indexed*).
- ◆ Alakhali, A. K., **Baarimah, A. O.**, Alkhadri, A. H., Gabir, A. A., Hasan, K., & Alawag, A. M. (2024, January). Unlocking the Potential of BIM for Transformation in the Kenyan Construction Industry. In *2024 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETISIS)* (pp. 822-828). IEEE. (*Scopus Indexed*).
- ◆ Yousafzai, A. K., Sutanto, M. H., Khan, M. I., **Baarimah, A. O.**, Mushtaha, A. W., & Khan, N. (2024, January). A Scientometric Analysis of Electrically Conductive Asphalt Concrete Technology. In *2024 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETISIS)* (pp. 842-846). IEEE. (*Scopus Indexed*).
- ◆ Alakhali, A. K., **Baarimah, A. O.**, Hasan, K., Halaba, W. H., Balfaqih, A. S., & Mushtaha, A. W. (2024, January). BIM in Kenyan Construction Industry: Benefits, Challenges, and Adoption Processes in Sustainable Construction Projects. In *2024 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETISIS)* (pp. 829-835). IEEE. (*Scopus Indexed*).
- ◆ Mushtaha, A. W., Alaloul, W. S., Musarat, M. A., **Baarimah, A. O.**, Rabah, F. K., & Alawag, A. M. (2024, January). BIM-GIS Integration for Infrastructure Management in Post-Disaster Stage. In *2024 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETISIS)* (pp. 856-861). IEEE. (*Scopus Indexed*).
- ◆ Alkhatib, F., Daris, A., Almasaudi, A. H., Alawag, A. M., **Baarimah, A. O.**, & Alakhali, A. K. (2024, January). Review and Conceptual Workflow for Enhancing Wind Loads Design of Sustainable Asymmetrical Tall Buildings. In *2024 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETISIS)* (pp. 812-816). IEEE. (*Scopus Indexed*).
- ◆ Lestari, I. G. A. A. I., Diputera, I., **Baarimah, A. O.**, Alaloul, W. S., Musarat, M. A., Alawag, A. M., & Alzubi, K. M. (2024). Traditional Practices and Potential of Industrial Revolution 4.0 in the Construction Projects. In *International Conference on Emerging Smart Cities* (pp. 647-660). Springer, Singapore. (*Scopus Indexed, Q4*).
- ◆ **Baarimah, A. O.**, Alaloul, W. S., Liew, M. S., Baarimah, S. O., Musarat, M. A., & Bin Mokaizh, A. A. (2023). A Bibliometric Review of Research Trends on Kenaf Fiber Reinforced Concrete. *Construction Technologies and Architecture*, 4, 57-65.
- ◆ Alawag, A. M., Alaloul, W. S., Liew, M. S., Musarat, M. A., & **Baarimah, A. O.** (2023). Implementation of total quality management (TQM) in Malaysian industrialized building system (IBS) projects. *Revista de la construcción*, 22(1), 74-86. (*Scopus Indexed, Q3*).
- ◆ Al-Awag, A. M., Alaloul, W. S., Liew, M. S., **Baarimah, A. O.**, & Musarat, M. A. (2023, June). The potential role of industrialized building systems (IBS) in Malaysian sustainable construction: Awareness and barriers. In *AIP Conference Proceedings* (Vol. 2608, No. 1). AIP Publishing. (*Scopus Indexed*).
- ◆ Baarimah, S. O., Al-Gathe, A. A., & **Baarimah, A. O.** (2022, October). Modeling Yemeni Crude Oil Reservoir Fluid Properties Using Different Fuzzy Methods. In *2022 International Conference on Data Analytics for Business and Industry (ICDABI)* (pp. 761-765). IEEE. (*Scopus Indexed*).

- ◆ Moakizh, A. A. B., Nour, A. H., Alara, O. R., & **Baarimah, A. O.** (2022, October). Bioactive Components of Commiphora Gileadensis Plant for Various Medicinal Applications: A Bibliometric Analysis. In *2022 International Conference on Data Analytics for Business and Industry (ICDABI)* (pp. 21-27). IEEE. (*Scopus Indexed*).
- ◆ Musarat, M. A., Altaf, M., Rabbani, M. B. A., **Baarimah, A. O.**, Alaloul, W. S., & Alzubi, K. M. (2022, October). Innovation in Construction: A new norm against Traditional Construction. In *2022 International Conference on Data Analytics for Business and Industry (ICDABI)* (pp. 119-122). IEEE. (*Scopus Indexed*).
- ◆ **Baarimah, A. O.**, Alaloul, W. S., Liew, M. S., Alawag, A. M., Musarat, M. A., & Alzubi, K. M. (2021, December). Current State of Post-Disaster Reconstruction Projects: A Bibliometric Analysis. In *2021 International Conference on Decision Aid Sciences and Application (DASA)* (pp. 108-113). IEEE. (*Scopus Indexed*).
- ◆ Musarat, M. A., Altaf, M., Hameed, N., Alaloul, W. S., **Baarimah, A. O.**, & Alzubi, K. M. (2021, December). Impact of communication on site accidents prevention: A review. In *2021 International Conference on Decision Aid Sciences and Application (DASA)* (pp. 562-566). IEEE. (*Scopus Indexed*).
- ◆ Maqsoom, A., Arif, U., Aslam, I., Musarat, M. A., Alaloul, W. S., & **Baarimah, A. O.** (2021, December). Green Human Resource Practices on Pro-environmental behaviour of workers: Case of Pakistani construction industry. In *2021 International Conference on Decision Aid Sciences and Application (DASA)* (pp. 402-408). IEEE. (*Scopus Indexed*).
- ◆ **Baarimah, A. O.**, Alaloul, W. S., Liew, M. S., Al-Aidrous, A. H. M., Alawag, A. M., & Musarat, M. A. (2021, November). Integration of building information modeling (BIM) and value engineering in construction projects: a bibliometric analysis. In *2021 Third International Sustainability and Resilience Conference: Climate Change* (pp. 362-367). IEEE. (*Scopus Indexed*).
- ◆ Baarimah, S. O., & **Baarimah, A. O.** (2021, November). PVT Properties for Yemeni Reservoirs Using an Intelligent Approach. In *2021 Third International Sustainability and Resilience Conference: Climate Change* (pp. 368-372). IEEE. (*Scopus Indexed*).
- ◆ Alzubi, K. M., Alaloul, W. S., Al Salaheen, M., Qureshi, A. H., Musarat, M. A., & **Baarimah, A. O.** (2021, November). Automated Monitoring for Construction Productivity Recognition. In *2021 Third International Sustainability and Resilience Conference: Climate Change* (pp. 489-494). IEEE. (*Scopus Indexed*).
- ◆ Al-Aidrous, A. H. M., Shafiq, N., Mohammed, B. S., Al-ashmori, Y. Y., **Baarimah, A. O.**, & Al-masoodi, A. H. (2021, November). Investigation of the current Innovative Industrialized Building Systems (IBS) in Malaysia. In *2021 Third International Sustainability and Resilience Conference: Climate Change* (pp. 382-387). IEEE. (*Scopus Indexed*).
- ◆ **Baarimah, A. O.**, Mohsin, S. S., Alaloul, W. S., & Ba-Naimoon, M. S. (2021, July). Effect of Sodium Hydroxide on Mechanical Characteristics of Kenaf Fibers Reinforced Concrete. In *Journal of Physics: Conference Series* (Vol. 1962, No. 1, p. 012013). IOP Publishing. (*Scopus Indexed, Q4*).
- ◆ Al-Aidrous, A. H. M., Rahmawati, Y., Yusof, K. W., **Baarimah, A. O.**, & Alawag, A. M. (2021, February). Review of industrialized buildings experience in Malaysia: An example of a developing country. In *IOP Conference Series: Earth and Environmental Science* (Vol. 682, No. 1, p. 012003). IOP Publishing. (*Scopus Indexed*).
- ◆ **Baarimah, A. O.**, & Syed Mohsin, S. M. (2018, April). Mechanical properties of steel/kenaf (hybrid) fibers added into concrete mixtures. In *IOP Conference Series: Materials Science and Engineering* (Vol. 342, No. 1, p. 012075). IOP Publishing. (*Scopus Indexed*).
- ◆ Syed Mohsin, S. M, **Baarimah, A. O.**, & Jokhio, G. A. (2018, April). Effect of kenaf fiber in reinforced concrete slab. In *IOP Conference Series: Materials Science and Engineering* (Vol. 342, No. 1, p. 012104). IOP Publishing. (*Scopus Indexed*).

- ◆ **Baarimah, A. O.,** & Syed Mohsin, S. M. (2017, November). Behaviour of reinforced concrete slabs with steel fibers. *In IOP Conference Series: Materials Science and Engineering* (Vol. 271, No. 1, p. 012099). IOP Publishing. (*Scopus Indexed*).

## **Conferences:**

- ◆ **Baarimah, A. O.,** Alaloul, W. S., & Liew, M. S. (2023, June). Current State and Future of Building Information Modeling for Sustainable Heritage Buildings. *In The International Conference on Sustaining Heritage: Innovative and Digital Approaches (ICSH 2023)* (Bahrain: - University of Bahrain). Online.
- ◆ **Baarimah, A. O.,** Alaloul, W. S., & Liew, M. S. (2023, June). Applications of Heritage Building Information Modeling (HBIM): A Bibliometric Review and Future Trends. *In The International Conference on Sustaining Heritage: Innovative and Digital Approaches (ICSH 2023)* (Bahrain: - University of Bahrain). Online.
- ◆ **Baarimah, A. O.,** Alaloul, W. S., & Liew, M. S. (2023, February). Post-Disaster Reconstruction Projects: Insights from the Construction Industry in Developing Countries. *In 4th International Conference on Separation Technology (ICOST 2023)* (Malaysia: Johor Bharu - UTM).
- ◆ **Baarimah, A. O.,** Alaloul, W. S., & Liew, M. S. (2020, December). Post-Disaster Reconstruction Projects in Developing Countries: An Overview. *In International Virtual Conference on Artificial Intelligence for Smart Communities (IVC-AISC 2020)* (Malaysia: Perak - UTP).
- ◆ **Baarimah, A. O.,** & Syed Mohsin, S. M. (2017, May). Improvement on strength properties of hybrid kenaf-steel fiber reinforced concrete. *In Asia International Multidisciplinary Conference (AIMC 2017)* (Malaysia: Johor Bharu - UTM).
- ◆ **Baarimah, A. O.,** & Syed Mohsin, S. M. (2016, September). An overview of using steel fibers in reinforced concrete structural elements to improve shear reinforcement. *In Proceeding of the National Conference for Postgraduate Research 2016* (Malaysia: Pahang - UMP) (pp. 260-265).

## **Reviewer in:**

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- ◆ Journal of Natural Fibers (ISI, Q1, IF = 3.5)
- ◆ Journal of Asian Architecture and Building Engineering (ISI, Q4, IF = 1.3)
- ◆ Multiscale and Multidisciplinary Modeling Experiments and Design (Scopus, Q2)
- ◆ MAKARA Journal of Technology (Scopus, Q4)
- ◆ The 2nd International Conference on Advanced Science and Engineering 2023 (ICASE 2023), Penang, Malaysia, November 2023.
- ◆ International Conference on Information Systems and Intelligent Applications (ICISIA 2022), Online, 2022.

## **Referees:**

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1. Prof. Dr. Youssuf Mustafa Siyam, Professor, University of Jordan, Jordan, [yosiyam@yahoo.com](mailto:yosiyam@yahoo.com)
2. Prof. Dr. Khair S. Jadaan, Professor, University of Jordan, Jordan, [kjadaan@hotmail.com](mailto:kjadaan@hotmail.com)
3. Prof. Dr. Anis S. Shatnawi, Professor, University of Jordan, Jordan, [ashatnawi@ju.edu.jo](mailto:ashatnawi@ju.edu.jo)
4. Dr. Sharifah M. S. Mohsin, Assistant Professor, UMP, Malaysia, [maszura@ump.edu.my](mailto:maszura@ump.edu.my)
5. Dr. Wesam Salah Alaloul, Assistant Professor, UTP, Malaysia, [wesam.alaloul@utp.edu.my](mailto:wesam.alaloul@utp.edu.my)
6. Dr. AbdulRahman Ahmed Alsewari, Associate Professor, UMP, Malaysia, [alsewari@ieee.org](mailto:alsewari@ieee.org)
7. Dr. Doh Shu Ing, Associate Professor, UMP, Malaysia, [dohsi@ump.edu.my](mailto:dohsi@ump.edu.my)