



Name: Nasser Mohammad
Rank: Instructor - Civil Engineering

Personal Information

Nationality:	Jordanian
AU Joining Date:	04 Feb 2026
E-Mail Address:	n.mohammad@au.edu.kw

Professional Information

Education:	• Qualification: Masters Major: Civil Engineering University: University of Sheffield (UK) - 2025 Thesis: Experimental study to investigate the effect of using recycled aggregates from old asphalt in concrete mixes suited for hot weather climates. • Qualification: Bachelor Major: Civil Engineering University: Hashemite University (Jordan) - 2017
Specialization:	- Sustainable Construction Materials - Environmental Engineering. - Sustainability and Innovative Solutions. - Circular Economy in Construction. - Construction Materials and Waste Management/Utilization
Current Academic Position:	Instructor - Civil Engineering
Current Professional Positions:	NA
Previous Administrative Position Held:	NA
Previous Academic Positions Held:	Laboratory Engineer - Civil Engineering Department (AU)
Fellowships And Honors:	-Awarded the Civil and Structural Engineering MSc Achievement Prize (2025) - University of Sheffield (UK)

	- Member of the Society of Engineers (Kuwait). - Member of Jordan Engineers Association. - The institution of Structural Engineers: Successfully passed the CPD assessment for Embodied Carbon Basics for Structural Engineers (Score:100%), 2024.
Teaching Experience:	Position: Laboratory Engineer at the Australian University of Kuwait (AU)-Civil Engineering Department: Designed and delivered laboratory manuals, tutorials, computer sessions, and experimental sessions for several courses at the civil engineering department.
Industrial And Technical Experience:	Position: Site Engineer/Bridge Engineer at Combined Group Company (2017-2018) Project: Sheikh Jaber Al-Ahmad Al-Sabah Causeway-Al Ghazali Interchange section.
Research Interest:	- Construction Materials and Environmental Engineering. - Sustainable Materials and practices in Civil Engineering. - Circular Economy in Construction. - Green Construction Materials and Waste Management/Utilization. - Sustainable Pavement Materials
Research Grants:	NA
Research and Publications including Journal and Books:	- S. Soleimani, A. Alaqquad, A. Jumaah, N. Mohammad and A. Faheiman, "Incorporation of Recycled Tire Products in Pavement-Grade Concrete: An Experimental Study", Crystals, vol. 11, no. 2, p. 161, 2021. Available: https://www.mdpi.com/2073-4352/11/2/161. - S. Soleimani, S. Roudsari, N. Banthia, A. Alaqquad, N. Mohammad, A. Jumah "Analytical and Experimental Study of Using Recycled Tire Products in Pavement-Grade Concrete Suited for Hot Weather Climates", Construction and Building Materials.
Paper Presentations at Professional Conferences:	- N.Mohammad, A.Saad, M.Guadagnini (February 2026). Innovative Use of As-Received Recycled Asphalt Aggregate for Sustainable Concrete Production: An Experimental Study. Abstract Presented at "Gulf Engineering Forum (GEF) 27 Conference" focused on Investment and Sustainability Challenges of Smart Infrastructure Projects. - S. Soleimani, N. Mohammad, A. Alaqquad, A. Jumaah, and A. Faheiman, (April 2022). Effect of Incorporating Shredded and Crumbed Rubber in Pavement-Grade Concrete on Elasticity and Toughness Moduli. Paper presented virtually at 7th International Conference on Structural Engineering and Concrete Technology. Lisbon, Portugal. - S. Soleimani, A. Alaqquad, A. Jumaah, N. Mohammad and A. Faheiman, (August 2021). Hybridization of Repurposed Tire Products in Pavement-Grade Green Concrete. Abstract presented at 41st European Advanced Materials Congress. Stockholm, Sweden. - R. Soleimanpour, S. Soleimani, N. Mohammad, (July 2021). Damage Detection and Localization in Loose Bolted Joints. Abstract presented and paper published at 4th International Conference on Structural Integrity ICSI2021. Funchal, Madeira, Portugal.

	- Reza Soleimanpour, Sayed Mohamad Soleimani, Naser Khaled Mohammad, Damage detection and localization in loose bolted joints, Procedia Structural Integrity, Volume 37, 2022, Pages 956-963, ISSN 2452-3216, https://doi.org/10.1016/j.prostr.2022.02.031 - Reza Soleimanpour, Mohammad Hany Yassin, Nasser Khaled Mohammad, Mohammad Khaleel Bo Arki, Miryan Nabil Sweid, detecting debonding in FRP retrofitted concrete beams using nonlinear ultrasonic waves. Paper published at ICCE 2024 8th International Conference on Civil Engineering, Singapore.
College Service including committee Membership:	- Research and Faculty Development Committee. - Labs and Workshop Committee.
National Service:	NA
College Committees:	NA