

CURRICULUM VITAE

Rami Mohammad Deeb Alawneh



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Google Scholar: <https://scholar.google.com/citations?user=i3Xj5C0AAAAJ&hl=en>

Research Gate: <https://www.researchgate.net/profile/Rami-Alawneh>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=36172228800>

1. Personal Data

Date of Birth: 3rd of November 1977

Nationality: Jordanian

2. Education

- **Ph.D. in Civil Engineering (Construction Management)**, 2019, University of Science Malaysia, Penang, Malaysia.
- **M.Sc. in Civil Engineering** 2006, Jordan University of Science & Technology, Irbid, Jordan.
- **B.Sc. in Civil Engineering**, 2000.

Professional Certificates

- Certified Project Management Professional (PMP), Project Management Institute (PMI), USA, 2011-2027.
- Certificate of Business Sustainability Management, University of Cambridge Institute for Sustainability Leadership, 2021.
- Certificate of Consultant Engineer, Jordan Engineers Association, 2023.
- Chief in Project Management, Jordan Engineers Association, 2022.
- Chairman of the Scientific Committee in the Civil Engineering Division of the Jordan Engineers Association 2022-present.

3. Employment

Academic Positions

- Assistant Professor, Master of Engineering Management Program, Faculty of Engineering , Jerash Univrsity- Jordan. 27/10/2019- present
- Assistant Professor, Department of Civil and Infrastructure Engineering, Faculty of Engineering and Technology, Al-Zaytoonah University of Jordan, Amman-Jordan. 27/10/2019- 10/2024.
- Part time Lecturer, Jordan University of Science and Technology, Irbid, Jordan. Summer Semester (2018-2019).

Industrial Experiences

- Senior Civil Engineer / Project Controls Manger/, SAUDI BINLADIN GROUP -ABCD, Riyadh- Saudi Arabia, (2009 –2014).
- Senior Civil Engineer/ Resident Engineer, H.A.K Architectural and Engineering Consultants, Jeddah- Saudi Arabia, (2007 –2009).
- Civil Engineer /Area Manager, Ministry of Municipal Affairs, Umm Qutayn and Al-Mukaftah Municipality, Al-Mafraq-Jordan, (2001-2006).

4. Research Interests

Applications of Artificial Neural Networks in water management, sustainable construction management, sustainable building, circular economy, project management, construction project risk management, Applications of Artificial Intelligence in construction management.

5. Membership in Scientific Societies and Associations

- Member, USA, Project Management Institute, 2011-present.
- Member, Jordan Engineers Association, 2000- present.

6. Honors and Awards

- Winner of The Sanggar Sanjung Award for excellent achievement in Journal Publication Category 2018.
(Sanggar Sanjung Award is a recognition conferred by Universiti Sains Malaysia to its academic staff to honour the creative and innovative spirit as well as reward their hard work and dedication).

7. Teaching Experience

Graduate Course

- Project Controls

Undergraduate Courses

- Projects Management and Value Engineering.
- Wastewater Engineering.
- Water and Environment Laboratory.
- Specifications and Quantity Survey.
- Special Topics in Civil Engineering.
- Foundation Engineering
- Structural Analysis and Structural systems
- Surveying
- Surveying Laboratory.

8. M.Sc. Thesis (Co-Advisor):

Nour Abu-Rashed , Master degree , thesis title, “The contributions of building’s architectural design configurations to achieving the United Nations Sustainable Development Goals (UN SDGs)” Jordan University of Science and Technology (January, 2023).

9. Membership of Committees

• University

- Representative of the Faculty of Engineering and Technology in the Council of Al-Zaytoonah University of Jordan (2023/2024).
- Head of Sustainable Development Committee in The Faculty of Engineering and Technology at Al-Zaytoonah University of Jordan (2023/2024).
- Rapporteur of Sustainable Development Committee in The Faculty of Engineering and Technology at Al-Zaytoonah University of Jordan (2021/2022) and (2022/2023).
- Head of the Graduate Studies Committee in the Department of Civil and Infrastructure Engineering, Al-Zaytoonah University of Jordan (2022/2023).
- Representative of the Department of Civil Engineering and Infrastructure in the Council of the Faculty of Engineering and Technology, Al-Zaytoonah University of Jordan (2020/2021) and (2021/2022).
- Member of the Study Plan and Educational Resources Committee in the Department of Civil and Infrastructure Engineering, Al-Zaytoonah University of Jordan (2022/2023).
- Member of the Cultural, Social, and Sports Activities Committee in the Department of Civil and Infrastructure Engineering - Al-Zaytoonah University of Jordan (2021/2022), (2022/2023) and (2023/2024)
- Head of Career Guidance and Alumni Committee in The Faculty of Engineering and Technology at Al-Zaytoonah University of Jordan (2021/2022).
- Liaison officer of the Faculty of Engineering and Technology in the International Relations Office at Al-Zaytoonah University of Jordan (2023/2024).

- **Jordan Engineers Association**

Chairman of the Scientific Committee in the Civil Engineering Division of the Jordanian Engineers Association.

Participated as an organizer in several training courses, scientific lectures, and workshops such as:

- Civil Engineering for Sustainable Development.
- Solid waste management and recycling in Jordan.
- Design of water networks.
- Green Concrete.
- Automation in solving traffic problems.
- Traffic studies and applications of intelligent transportation systems “Riyadh, case study.”
- Concrete and sustainable construction materials.
- Lessons learned from the Bus Rapid Transit (BRT) Project.
- General information about seismic assessment and retrofitting of existing concrete structures.
- Nature-based solutions for domestic water reuse in Mediterranean countries.

10. Grants

- Research project: "Developing a Novel Framework for Assessing and Managing the Contributions of Sustainable Construction Project to Achieve Sustainable Development Goals in Jordan." Grant number (13/11/2020-2021) Al Zaytoonah University of Jordan, Amman, Jordan.
- Research Project: "Developing a framework for implementing circular economy in construction project." Grant number (02 / 07 / 2022-2023), Al Zaytoonah University of Jordan, Amman, Jordan.

11. Professional and Scientific Meetings

- Aqaba International Engineering Conference, Aqaba-Jordan, 2023
- Greenbuild Expo International Conference and Expo , Boston – USA, 2017.
- Urban Thinkers Campus – The Future of Doha, Doha-Qatar, 2016.
- 4th Saudi Project Management Conference, Riyadh-Saudi Arabia, 2015.

12. Publications

1. **Rami Alawneh**, Farid E. Mohamed Ghazali, Hikmat Ali, and Muhammad Asif. "Assessing the contribution of water and energy efficiency in green buildings to achieve United Nations Sustainable Development Goals in Jordan." Building

- and Environment 146 (2018): 119-132. (Web of Science SCIE, Impact Factor 7.4).
2. Al-Ghazawi, Ziad, and **Rami Alawneh**. "Use of artificial neural network for predicting effluent quality parameters and enabling wastewater reuse for climate change resilience—A case from Jordan." *Journal of Water Process Engineering* 44 (2021): 102423. (Web of Science SCIE, Impact Factor 7.0).
 3. **Rami Alawneh**, Ismael Jannoud, Hesham Rabayah, Samaher Asaad, Hatem Almasaeid, Rana Imam, and Farid Ezanee Mohamed Ghazali. "Development of a New Method for Assessing Project Risks in Sustainable Building Construction Projects in Developing Countries: The Case of Jordan." *Buildings* 14, no. 6 (2024): 1573. (Web of Science SCIE, Impact Factor 3.8).
 4. **Rami Alawneh**, Ismael Jannoud, Hesham Rabayah, Rana Imam, and Hatem Almasaeid. 2024. "Development of an Assessment and Management Framework for Sustainable Construction Projects in Jordan by Incorporating the Sustainable Development Goals" *Infrastructures* 9, no. 7: 117. (Web of Science ESCI, Impact Factor 2.8).
 5. **Rami Alawneh**, Ismael Jannoud, Hesham Rabayah, and Hikmat Ali. "Developing a novel index for assessing and managing the contribution of sustainable campuses to achieve un sdgs." *Sustainability* 13, no. 21 (2021): 11770. (Web of Science SCIE, Impact Factor 3.9).
 6. Ahmad Aljboor, Rana Imam, and **Rami Alawneh**. "Barriers to achieving sustainability in highway construction projects: The case of Jordan." *Sustainability* 15, no. 13 (2023): 10081. (Web of Science SCIE, Impact Factor 3.9).
 7. **Rami Alawneh**, Farid Ghazali, Hikmat Ali, and Ahmad Farhan Sadullah. "A Novel framework for integrating United Nations Sustainable Development Goals into sustainable non-residential building assessment and management in Jordan." *Sustainable Cities and Society* 49 (2019): 101612. (Web of Science SCIE, Impact Factor 11.7).
 8. Almasaeid, Hatem H., Akram Suleiman, and **Rami Alawneh**. "Assessment of high-temperature damaged concrete using non-destructive tests and artificial neural network modelling." *Case studies in construction materials* 16 (2022): e01080. (Web of Science SCIE, Impact Factor 6.2).
 9. **Rami Alawneh**, Farid Ghazali, Hikmat Ali, and Muhammad Asif. "A new index for assessing the contribution of energy efficiency in LEED 2009 certified green buildings to achieving UN sustainable development goals in Jordan." *International Journal of Green Energy* 16, no. 6 (2019): 490-499. (Web of Science SCIE, Impact Factor 3.3)
 10. Chodakowska, Ewa, Joanicjusz Nazarko, Łukasz Nazarko, Hesham S. Rabayah, Raed M. Abende, and **Rami Alawneh**. "Arima models in solar radiation forecasting in different geographic locations." *Energies* 16, no. 13 (2023): 5029. (Web of Science SCIE, Impact Factor 3.2).
 11. Ayoush, Maha, Hesham Rabayah, Ahmad Toumeh, Ahmad Aboushi, and **Rami Alawneh**. "Circular Economy Practices in Higher Education Institutions: Towards Sustainable Development." In *Conference on Sustainability and Cutting-Edge Business Technologies*, pp. 291-300. Cham: Springer Nature Switzerland, 2023. (SCOPUS).