

Diala Ibrahim Ali Atiyat

Architectural Engineer | Assistant Professor

[+962775113359](tel:+962775113359) | Diala.atiyats@iu.edu.jo

Amman, Jordan | Jordanian

[Diala Atiyat - Google Scholar](#) | [Diala ATIYAT | ResearchGate](#)

Experienced and dedicated Assistant Professor with a strong background in architectural engineering, specializing in teaching, academic research, and student supervision at the university level. Proven expertise in delivering courses such as Urban Planning, Local Architecture, Architectural Design, Architectural Conservation, and Computer-Aided Design. Skilled in mentoring postgraduate and undergraduate students, supervising theses, and developing innovative curricula aligned with modern trends in architecture and sustainability. Committed to fostering a dynamic learning environment, advancing academic excellence, and contributing to the development of future architects through research-driven teaching and active participation in academic committees.

Education

Alexandria University - Egypt

(January 2017 – August 2019)

Ph.D. in Architectural Engineering

Ph.D. Dissertation: "Hybrid Approach Towards Managing Smart Cultural Heritage in the Smart City Context: Case Study of Amman Downtown - Jordan" (GPA: 4.0/4.0)

The University of Jordan - Jordan

(September 2013 - August 2015)

M.Sc. in Architectural Engineering

M.Sc. Thesis: "Post-Occupancy Evaluation of the Residential Compounds in Amman City " (GPA: 3.63/4.0)

Al-Albays University - Jordan

(September 2007 - August 2012)

B.Sc. in Architectural Engineering

Bachelor's Graduation Project: "Design of a Sustainable Wellness Resort in the Dead Sea" (Grade: Very Good).

Work Experience

Assistant Professor

(September 2019 – Present)

Isra University | Amman, Jordan

- Taught undergraduate courses, including Urban Planning, Local Architecture, History of Architecture, Architectural Design, Architectural Conservation, and Computer-Aided Design (CAD).
- Supervised postgraduate theses on topics such as sustainable construction, urban development, and metaverse applications in project management. Acted as an Internal Examiner for postgraduate research on architectural and sustainability topics.
- Participated in curriculum development, aligning course materials with modern trends in architecture and sustainability.
- Led departmental projects as Head of the Architectural Engineering Department (2020 – 2021).

Faculty Member

(February 2016 – February 2017)

Al-Balqa University, Jordan | Jordan

- Delivered lectures on Urban Planning and Architectural Design.
- Mentored undergraduate students in project-based learning and architectural methodologies.

Part-Time Lecturer

(September 2015 – February 2017)

The University of Jordan | Amman, Jordan

- Specialized in teaching advanced topics in architectural design and architectural conservation.

Architectural Engineer

(November 2012 – August 2015)

Engineer Khaldoun Abu Ghanmi Office for Engineering Consultancy| Jordan

- Designed and supervised architectural projects, emphasizing sustainable and energy-efficient practices. Collaborated with clients to develop functional and aesthetically pleasing building solutions.

Workshops and Training

- **Project Management Professional (PMP) Training – Patrons Consulting** (Participant, 40 hours), Amman–Jordan (2025\12)
- **TWAS-AREP Workshop – Pathways to Green Transition in the Arab Region**, (Participant, English) Alexandria (09, 2025)
- **Leadership and Strategic Planning Training** – (Participant, English) Jordanian Diplomatic Institute, Ministry of Foreign Affairs (08,2025)
- **Teaching Online Courses** (Participant, Arabic) – Isra University, Jordan (09/2022).
- **Cultural Heritage in University Education** (Participant, Arabic) – USAIs-SCHEP (10/2021).
- **Early Academics Development Program** (Participant, English) – British Council (10/2019).
- **Faculty Members Development** (Participant, Arabic) – Isra University, Jordan (09/2019).
- **PRIS'18: Phi's Research and Innovation Summit 2018** (Participant, Arabic/English) – King Hussein Business Park (08/2018).
- **Sustainable Smart Cities International Workshop** (Participant, English) – Alexandria University, Egypt (05/2017).
- **Integrated Approach to Sustainable Development** (Participant, English) – Columbia University, Middle East Research Center, Amman (06/2012).

Conferences

- **4th International Conference on Innovations in Engineering and Applied Sciences (ICIEAS 2025)**, July - Turkey (Speaker, Peer-Reviewed).
- **Housing & Building National Research Center International Conference**, Green Smart Sustainable Building between Present and Future – Egypt, December 2024 (Attendee).
- **7th Jordanian International Architectural Conference**, Architecture and Artificial Intelligence – Jordan, April 2024 (Attendee). **Young Engineers Forum**, Engineering and Innovation – Jordan, November 2022 (Speaker, Non-Peer Reviewed).
- **6th International Conference on Recent Trends in Innovation, Creativity, and Technology**, Engineering and Innovation – Egypt, April 2021 (Speaker, Peer-Reviewed).
- **2nd Al-Balqaa International Conference**, Engineering and Innovation – Jordan, December 2019 (Speaker, Peer-Reviewed).
- **5th International Conference on New Trends in Architecture and Interior Design**, Architecture and Interior Design – Turkey, April 2019 (Speaker, Peer-Reviewed).
- **The First Arab Conference for Restoration and Reconstruction**, Architecture and Restoration – Cairo, Egypt, October 2017 (Speaker, Peer-Reviewed).
- **11th International Conference on Engineering, Science, and Technology**, Engineering and Technology – UAE, February 2017 (Speaker, Peer-Reviewed).
- **IV- World Heritage and Disaster: Knowledge, Culture, and Representation**, Heritage at Risk – Italy, June 2017 (Speaker, Peer-Reviewed).

- **2nd Sustainable Mega Project Conference**, Sustainability – Egypt, May 2016 (Speaker, Peer-Reviewed).

Publications

- 1) **Atiyat, Dalia; Khraisat, Dema; Alsoub, Abeer; Tabbalat, Shereen; Altawaiha, Iyad; Hyeasat, Heba. (2025). *Revitalizing Historic Al-Salt Downtown: Implementing Smart City Tools and Sustainable Urban Planning Strategies*. International Journal of Sustainable Development and Planning, 20(3), 949-959.**
- 2) **Atiyat, D., Shaheen, L., Al-Ruwaished, M. R., Ansari, M., & Tabbalat, S. (2025). From Stone to Green: Engineering Innovations in Retrofitting Buildings with Vertical Greenery System. Journal of Posthumanism, 5(1), 875–888.**
- 3) **Atiyat, Dalia; Alsoub, Abeer; Rawashdeh, Taiseer; Tabbalat, Shereen; & Al-Hiary, Hanaa. (2024). *A tanulás gamifikációja = Gamification Learning*. METSZET, 15(4), 26–31.**
- 4) **Al Haddad, Mwfeq; Abu Ghazaleh, Samer; Atiyat, Dalia; & Egho, Salma. (2023). *Castles in Jordan: A Comparative Study of the Islamic and Crusader Castles*. Civil Engineering and Architecture, 11(4), 1856–1870. ISSN: 2332-1091, Vol. 11(4), pp. 1856–1870, USA.**
- 5) **Alsoub, Abeer; Al Omari, Khaled; Atiyat, Dalia; & Yousef, Sahar Issa. (2023). *Using Simulation to Maximize the Solar Energy Utilization in Buildings in Amman, Jordan*. Civil Engineering and Architecture, 11(2), 986–998, ISSN: 2332-1091, Vol. 11(2), pp. 986–998, USA.**
- 6) **Atiyat, D. (2022). *The Image of Amman City: Structure, Identity, and Meaning*. International Journal of Sustainable Development and Planning, ISSN: 2735-5462, Vol. 17(1), Germany.**
- 7) **Atiyat, D. (2021). *Smart Tourism and Living Lab Approach*. International Journal of Eco-Tourism, Hospitality Planning Development, ISSN: 2735-5462, Vol. 4(1), Egypt.**
- 8) **Tabbalat, Shereen; Atiyat, Dalia; & Al Swielmmeen, R. (2021). *The Value of Building Materials Processing in Post-Implementation of Interior Design Works as a Measure of Sustainability and Environmental Conservation in LEED ID+C: Commercial Interiors v3 (2009 updated) System*. DIRASAT: Human and Social Sciences, 48(2). DIRASAT: Human and Social Sciences, ISSN: 2663-6190, Vol. 48(2), Jordan.**
- 9) **Atiyat, D; Tabbalat, Shereen; Alsoub, Abeer; & Kakani, Anan. (2020). *Pre-Occupancy Evaluation for Residential Architectural Unit Design*. Transylvanian Review, Vol. 27, No. 47, ISSN: 1584-9422, Vol. 47, USA.**
- 10) **Ibrahim, Mohamed Abdelall; & Atiyat, Dalia Ibrahim. (2017). *The Impact of Building Envelope Design on Building Sustainability Using Simulation Solar Energy Software*. Journal of Architectural Engineering Technology, 6(2). Journal of Architectural Engineering Technology, ISSN: 2168-9717, Vol. 6, Canada.**
- 11) **Atiyat, D., et al. (2017). *Earthen Architecture: Characteristics and Implementation, Case Study of Earthen Building in Jordan*. Arts and Design Studies, ISSN: 2224-6061, Vol. 2, USA.**

- 12) Gandah, Firas; & Atiyat, Dalia. (2016). *Re-Use of Abandoned Quarries: Case Study of Eco-Tourism and Rangers Academy – Ajloun, Jordan*. Journal of Civil & Environmental Engineering, 6(4) ISSN: 2165-784X, Vol. 6, USA.
- 13) Abu Ghanimeh, Ali; & Atiyat, Dalia. (2015). *Visual Perception of Architectural Form in a Cultural Context: Case of Old Salt City – Alkhader Street*. Architecture & Planning Journal (APJ), 23(1), ISSN: 2079-4096, Vol. 2, Lebanon.
- 14) Atiyat, D. (2015). *The Stone as a Main Building Material: Case Study of Amman, Jordan*. Journal of Multidisciplinary Engineering Science and Technology, ISSN: 2458-9403, Vol. 2, Germany.
- 15) Atiyat, Dalia; Al-Soub, Abeer; Bataineh, Rawan; Abu Ameereh, Samar; & Matar, Aseel. (2015). *Architectural Building Treatments in the Mediterranean Climate from an Environmental Perspective: Case Study of Amman – Jordan*. Civil and Environmental Research, 7(8) ISSN: 2168-9717, Vol. 3, USA.
- 16) Goussous, Jawdat; & Atiyat, Dalia. (2014). *Historic School Buildings Integrating with Local Community*. Journal of American Science, 10(4 S), 25–34, ISSN: 545-1003, Vol. 10, USA.

Books

- **Angelo Vecchio: *The Fragrance of Mediterranean Architecture* (2022).** Co Author (Prof. Ali Abughnimeh ISBN: 978-88-971-5964-3 **Published in:** Italy **Language:** Arabic

Postgraduate Supervision

- **A Fuzzy-Based Risk Assessment Framework for Smart City projects: Case Study of Manama – Bahrain** Isra University (*Supervisor* ,2025).
- **Enhancing Building Construction Readiness through Building Information Model: A Case Study of Residential Buildings in Madaba**, Isra University (*Co-Supervisor* ,2024).
- **The Role of Value Management in Reducing the Risks Associated with Sustainable Construction Projects**, Isra University (2023).
- **Metaverse as a Tool to Avoid Project Failure and Optimization of the Project Management Triangle**, Isra University (2023).
- **The Image of Amman City and Urban Literature: An Analytical Study**, *Jordanian German University (Co-Supervisor, 2022)*.
- **Risk Management of Seasonal Floods in Amman Downtown**, Isra University (2021).
- **Project Performance Management Improvement in Jordan**, Isra University (2020).

Postgraduate Examiner – Evaluated MSc theses in architecture, sustainability, and BIM (University of Jordan & Isra University, 2021–2025).

Professional Memberships

- **Member, Gulf Higher Education Network (GULFHE)** — ICED Recognized International Network, (09\2025 – Present)
- **Scientific Board Member at Abayomi Academy**, (Florida, USA) (02\2025)- present).

- **Member of ArchiNet Platform** (08/2023 – Present).
- **Organizing Committee Member** for the 6th International Conference “Recent Trends in Innovation, Creativity, and Technology” – Siwa, Egypt (04/2021).
- **Editorial Board Member** at *Innovation Info* (04/2018 – Present).
- **Editorial Board Member** at *Journal of Multidisciplinary Engineering Science Studies* (08/2016 – Present).
- **Editorial Board Member** for *Chronicle Journal of Engineering Science* (07/2018 – Present).
- **Member of Phi’s Research and Innovation** (08/2018 – Present).
- **Committee Member** for Architectural Students Admission, Development, and Evaluation, Al-Balqa University (2016 – 2017).
- **Member of Forum Architetti Mediterranei** (03/2016 – Present).
- **Member of Jordanian Engineers Association** (06/2012 – Present).

Core Skills

- **University-Level Teaching:** Expertise in delivering a wide range of architectural courses.
- **Research Focus Areas:** Smart Cities, Architectural Conservation, Urban Planning, and Sustainability, bridging academic theory with practical solutions.
- **Research and Publishing:** Authored 17+ peer-reviewed articles on topics such as sustainability, smart cities, and architectural conservation.
- **Student Supervision:** Guided postgraduate research in innovative areas like sustainable construction and urban development.
- **Curriculum Development:** Designed and implemented academic programs aligned with contemporary architectural and technological trends.
- **Conference Contributions:** Presented research at international conferences, enhancing global academic networks.
- **Leadership and Administration:** Directed departmental activities to improve educational standards and operational efficiency.
- **Committee Experience:** Played a key role in student admission processes and curriculum evaluation.
- **Effective Communication:** Bilingual in Arabic and English, fostering clear and impactful interactions in academic and professional environments.
- **Educational Innovation:** Implemented modern teaching methodologies to elevate student learning experiences.
- **Software:** ArcGIS, AutoCAD, Revit, and DesignBuilder.

Honors and Awards

- **Distinguished Graduate Honor** – Al-Albayt University (2022).
- **Full Ph.D. Scholarship in Architectural Engineering** – Isra University (2017).
- **Academic Innovation Award for Young Engineers** – Jordan Engineers Association (2016).

Volunteering

- **External Examiner for Undergraduate Graduation Projects** – (2014 – Present).
- **Architectural Articles Writer** – Published in several local Jordanian magazines (2016 – Present).

Languages

Arabic (Native), English (Fluent)

References

Available upon request.