

CONTACT

DEEMA AL-SHBOUL

Architect and Planner.

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📍 Jordan



OBJECTIVE

Seeking a challenging position to develop the economic status for urban areas at different levels local, regional, and international. It is my aim to enhance the social aspect with various demographic layers and suggest and implement solutions for environmental issues by reinforcing the use of sustainable energy resources. I am looking forward to sharing my enthusiasm for urban design, where I can make the best of my potential and pass my skills and knowledge to my students.

EDUCATION

Master- Planning & Urban Design, GPA: 4.05 (with Honors, Ranked First Place)
2017-2019

Jordan University of Science and Technology, Irbid, Jordan

Bachelor- Architecture Engineering, GPA: 78.4 (Very Good)
2005-2010

Jordan University of Science and Technology, Irbid, Jordan

EXPERIENCES

- **August 2023- Recent**

Full-Time Lecturer • Jordan University of Science and Technology • Irbid, Jordan.

Full-Time Lecturer, Department of City Planning and Design, Architecture and Design Faculty.

- **October 2023- Recent**

Young Water Diplomat • Water Diplomacy Center Jordan, University of Science and Technology • Irbid, Jordan

Cross-regional learning for transformative water diplomacy (CroWD), IHE Delft Institution for Water Education.

- **February 2022- July 2023**

Part-Time Lecturer • Jordan University of science & Technology • Irbid, Jordan

Teaching Courses: Visual Communication I, Visual Communication II, Basic Design I.

- January 2022- December 2022**
Urban Planning Consultant • ICON Consultants Engineers • Amman, Jordan

Site Analysis & Selection for local Branding Inside and Outside Jordan, Dabouq Village Project/ Amman, AlHurriya Mall/ Amman.
- June 2020- September 2022**
Part-Time Lecturer • Al-Balqa Applied University (Department of Applied Sciences/Interior and Graphic Design) • Irbid, Jordan.

Teaching Courses: Perspective Architectural Drawing, Architectural Drawings, Technical Drawings, Adobe Photoshop, Freehand Sketch, Design and Home Furniture, Interior Design Working Drawings, and Shade & Shadows.
- February 2020- January 2022**
Part-Time Lecturer • Al-Yarmouk University • Irbid, Jordan

Teaching Courses: Introduction to Architectural Design Studio I, Introduction to Architectural Design Studio II, Landscape Architecture, Theories of Urban Design, and Architectural Working Drawings.
- September 2017- September 2019**
Architect and Site Engineer • ENG.ARCH Office Maher Al-Numair • Irbid, Jordan

Architect Designer and Site Engineer for the office projects.

RESEARCH ASSISTANT EXPERIENCES

February 2021- May 2021
Research Assistant • Jordan University of Science and Technology • Irbid, Jordan

Postgraduate Research in Urban Planning and Architecture in Jordanian Universities: Mapping the Terrain

February 2018- July 2019
Research Assistant • Jordan University of Science and Technology • Irbid, Jordan

- Suitability Analysis of Potential Wind Energy Sites in Jordan Using a Geographic Information System (GIS).
- Proposed Greenway Mechanism that Enriches the Tourist Experience in Umm Qais Region While Enhancing its Social and Economic Aspects.

RESEARCH INTERESTS

My research interests primarily revolve around water resources management and governance, with a particular emphasis on:

- **Water Diplomacy:** Exploring diplomatic strategies and negotiations for resolving conflicts related to transboundary water resources. Investigating how international agreements and cooperation can mitigate disputes and promote sustainable water use.
- **Transboundary Basins:** Analyzing the challenges and opportunities associated with transboundary water surface basins.

- **Water Cooperation:** Studying models of multi-stakeholder collaboration in water management. Examining the role of government, civil society, and international organizations in fostering effective water cooperation.
- **Urban Sprawl and Water Resources:** Investigating the impact of urbanization and sprawl on water availability and quality.
- **Water Rehabilitation:** Assessing techniques and technologies for water quality improvement and ecosystem restoration. Focusing on rehabilitation efforts in degraded or polluted water bodies.
- **Climate Change and Water Security:** Exploring the nexus between climate change and water resources. Analyzing adaptation and mitigation strategies to enhance water security in the face of changing climate patterns.

PUBLICATIONS

- Gharaibeh, A.A.; Al-Shboul, D.A.; Al-Rawabdeh, A.M.; Jaradat, R.A. Establishing Regional Power Sustainability and Feasibility Using Wind Farm Land-Use Optimization. *Land* 2021, 10, 442. <https://doi.org/10.3390/land10050442>
- Al Shawabkeh, R.K., Alzouby, A.M., Rjoub, A., Alsmadi, M., AlKhamaiseh, M., Shboul, D., Smadi, A., Al-Bzour, A., Al-Omari, R. and Alobaidat, E. (2020), "Evaluating the satisfaction rate for affordable housing in non-gated residential area (NGR): the case of Al-Sharq housing project in Zarqa-Jordan", *International Journal of Housing Markets and Analysis*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/IJHMA-10-2019-0105>

TECHNICAL SKILLS

- GIS (Geographic Information Systems).
- TerrSet Geospatial Monitoring and Modeling Software (CLARK LAB).
- Space Syntax.
- AutoCAD.
- ArchiCAD.
- Photoshop.

PROFESSIONAL TRAINING

- Climate Smart Food Systems Simulation Workshop from Water Diplomacy Center, Jordan university of Science and Technology and University of Florida.
- Research School Research Methods for Transformative Water Diplomacy Research. Cross-regional learning for transformative water diplomacy (CroWD), IHE Delft Institution for Water Education. Part I: 21-23 April 2024, Almaty, Kazakhstan
- Strategies for Practicing Academic Work Course, Yarmouk University (2023).
- Working Together for a Sustainability Certificate from USAID & Jordan Green Building Council.
- Sustainability, Biomass Energy, and Green Buildings Course, by Dutch expert S.Nin Huys in Dar Al-Omran.
- Xeriscape Module from USAID & DAI, the center for the study of Built Environment (CSBE).

AWARDS

- Ranked the **First** of Jordan University of Science and Technology 2017-2019 Master's Degree Class.
- Ranked the **Seventh** of Jordan University of Science and Technology 2005-2010 Bachelor's Degree Class.
- **Fourth** place in Circle Design Competition 2009/ Greater Irbid Municipality.