

## Curriculum Vita

### Personal Data:

- **Date of Birth** : Feb 10<sup>th</sup>, 1981.
- **Nationality** : Jordanian.
- **Address** : South Um Al-Summaq - Amman- Jordan.
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### Educational Background:

- Ph.D. in **Lands, Water and Environment**, Faculty of Agriculture - University of Jordan. Grade: 3.95 (Excellent). Dissertation titled with "**Performance Evaluation of Decentralized Green Walls for Greywater Treatment Generated from Urban Community for Reuse**" May 2024.
- M Sc. in **Civil Engineering**, Water and Environmental Division - University of Jordan. Grade: 3.91 (Excellent). Thesis titled with "**The Performance of Decentralized Wastewater Treatment System Generated from the Residential Rural Community, Case Study: AlKfair Village**" December 2014.
- B Sc. in **Civil Engineering**, Environmental and Water Resources Division - Jordan University of Science and Technology. Grade: 78.2 (Very Good). Graduation Project titled with "**Characterization of Graywater from Residential Sources**" January 2004.
- General Secondary Certificate, Scientific Branch - Kufrsoum Secondary School for Girls, **June 1999**.

### Work Experience:

1. **Director of the Audit and Technical Control Department - The Internal Control and Audit Unit at the University of Jordan, from July 2023 till August 2025. Main tasks include:**
  - Ensure safety compliance and proper maintenance of all university facilities and equipment.
  - Conduct regular inspections and maintain comprehensive coverage of university assets.
  - Oversee building maintenance and cleanliness procedures on campus.

- Monitoring and following up on the implementation stages of contracted projects at the university to ensure the execution procedures are safe and comply with the agreed-upon terms, drawings, and technical specifications, as well as ensuring that completed projects are properly operated, maintained, and fulfill their intended purposes.
- Inspecting warehouses in various buildings to ensure their suitability and proper operation in terms of classification, storage, and organization according to assets, and ensuring there are no stagnant materials.
- Ensuring optimal use of energy sources and university resources.

**2. Head of the Construction Division to the Technical Assistant in the Maintenance Department at the University of Jordan, from October 2008 to July 2023. Main tasks include:**

- Analyzing procurement tenders for materials used in infrastructure maintenance. This encompasses electrical work, tiling, upholstery, carpentry, and metalwork.
- Evaluating offers submitted by companies and selecting the most suitable ones based on the specified criteria and conditions.
- Inspecting locations in need of maintenance and renovations, assessing their current condition, determining the required materials and equipment specifications (qualities and quantities), pricing, and estimating the expected duration to complete the work.
- Overseeing the quality and reliability of the internal system, and developing necessary models and documentation.
- Monitoring and managing all maintenance work for university buildings and facilities to ensure high-quality and efficient execution.
- Identifying and implementing necessary maintenance and renovations for buildings and facilities to maintain their good condition and meet the university's needs.
- Collaborating with various divisions and branches within the Maintenance Department to ensure integration and coordination in executing tasks.
- Prepare regular reports on the status of buildings and facilities, ongoing maintenance and renovation work, and planned activities.
- Ensure that all maintenance and renovation work complies with the required technical standards and specifications.
- Providing the necessary guidance and training to technical staff to ensure the execution of tasks with the highest efficiency and safety.

3. Site Engineer at YASER ABU – OBEID ENGINEERING CONTINUE.EST., from Jan 2007 to June 2008.
  
4. Office and Site Engineer of Assamra Waste Water Treatment Plant: Ain Ghazal Expansion and Modification Project- Hisham Wadi contracting Est.: Sub contractor of CCC - Morganti Group Inc., from December 2004 to November 2006. Main tasks include:
  - Quantity Surveying.
  - Prepare Shop drawings.
  - Prepare Payments/Accounts.
  - Follow up execution of the work on site.
  - Prepare Daily reports, minutes of the meetings & correspondence letters.
  
5. Teaching Experience: Contracts and Specifications (undergraduate course), Department of Civil Engineering, University of Jordan, Spring 2017.

**Other Skills:**

- **Language skills:** Arabic: Mother Tongue, English: very good.
- **Computer skills:** Microsoft Office Applications.
- **Management and organizational skills.**

**Publications:**

- Obeidat, N. Shatanawi, K. Kassa, G. and Halalsheh, M. (2024). **Performance of decentralized wastewater treatment system employing Upflow anaerobic sludge blanket and Vertical Flow Constructed Wetland.** Case Studies in Chemical and Environmental Engineering.
  
- AlBtoosh, J. Abu-Awwad, A. and Obeidat, N. (2024). **A statistical approach to the water scarcity implications on food security.** Global Journal of Environmental Science and Management (GJESM).
  
- Obeidat N, Abu-Awwad A, Al-Salaymeh A, Bresciani R, Masi F, Rizzo A, AlBtoosh J, Zoubi MM (2025). **Ground-Based Green Façade for Enhanced Greywater Treatment and Sustainable Water Management.** Water 17(3): 346–346.

- Obeidat N, Abu-Awwad A, Al-Salaymeh AS, AlBtoosh J, Zoubi MM, Abu-Afifeh QY, Seif MA, Hroub H, Arabiat O (2025). **Social acceptance of water quality through decentralized greywater treatment using green wall system.** Global Journal of Environmental Science and Management 11(2): 1–14.
- Hroub,H. , Rahbeh,M. , Zoubi,M. , Abu-Afifeh,Q. , Al-Jawaldeh,H. and Obeidat,N. (2025). **Projection of future temperature variations in river basins under climate change scenarios using general circulation models.** Global Journal of Environmental Science and Management, 11(2), 403-426.
- El-Mahroug, S. E., Suleiman, A. A., Zoubi, M. M., Saif Al-Omari, Abu-Afifeh, Q. Y., Al-Jawaldeh, H. F., Alta'any, Y. A., Tariq, Nisreen Obeidat, Alsoud, S. H., Alshoshan, A. M., Al-Shibli, F. M., & Rakad Ta'any. (2025). **Predictive Modeling of Climate-Driven Crop Yield Variability Using DSSAT Towards Sustainable Agriculture.** AgriEngineering, 7(5), 156–156.