



Dr. Eng. Ahmed Ali Khatatbeh
Associate Professor
Al al-Bayt University
Faculty of Engineering
Department of Civil Engineering

PERSONAL INFORMATION:

Name	Dr. Eng. Ahmed Ali Khatatbeh
Date & Place of Birth	15th of May 1962, Kufranjeh -Jordan
Marital Status	Married
Nationality	Jordanian
Address (work)	Department of Civil Engineering, Faculty of Engineering, Al al-Bayt University P.O.Box 130040, Mafrq 25113, Jordan Mobile 00962795120806 E-mail: khatatbeh@aabu.edu.jo khatatbeh62@gmail.com ahmd_khatatbeh@hotmail.com
Specialization	Technology & Management of Construction projects/ Project Management

EDUCATION AND ACADEMIC BACKGROUND

1990 - 1993 PhD in Technical sciences (Technology and Management of Industrial and Residential Construction/**Project Management**), Dnepropetrovsk Civil Engineering Institute – Ukraine- USSR.

1982 – 1987 MSc./ BSc. in Civil Engineering, Zaporozhe Industrial Institute - USSR.

LANGUAGES:

Arabic (Mother Tongue)
Russian (Fluent)
English (Excellent)
Italian (Good)

ASSOCIATIONS MEMBERSHIP:

1987-Present : Member of Jordan Engineers Association

1998 : Member of American Society of Civil Engineers.

AREA OF KNOWLEDGE AND EXPERIENCE:

- Construction Management and Contract Administration
- Strategic Management and Strategic Planning
- Total Quality Management
- Construction Economics
- Value Engineering
- Safety Engineering
- Technology of Building Production
- Principles of scientific research
- Computing technique in Engineering and Economic Calculations.
- Engineering Statistics.

EXPERIENCE RECORD:

Period	Employer	Position & Main Activities
1/10/2023 – 1/10/2024	Jadara University, Jordan	Faculty member/Associate Professor Sabbatical one year period
Sept. 2013 - Present	Al al-Bayt University Faculty of Engineering, Department of Civil Engineering P.O.Box 130040, Mafrq 25113, Jordan	Faculty member/Associate Professor <ul style="list-style-type: none"> • Acting Dean Faculty of Engineering (January 2019 – September 2019) • Vice Dean for academic affairs and Chair of the Surveying engineering department (September 2018 - September 2019) • Chair of the civil engineering department (September 2015 - September 2018) • The Dean Assistant for Student Affairs/Faculty of Engineering (2014- 2015) <u>Courses taught</u> : (see last page)
Feb.2005- Sept. 2013	MU'TAH UNIVERSITY Faculty of Engineering, Engineering Management Program, and Department of Civil and Environmental Engineering	Faculty member/Assistant Professor The Dean Assistant for Student Affairs/Faculty of Engineering <u>Courses taught</u> : (see last page)
Sep. 1999 - 05/02/2005	Ministry of Water & Irrigation Jordan Valley Authority Directorate of Planning	<ul style="list-style-type: none"> • Head of Planning Division. ✓ Follow up the construction and contract administration of Special Projects ✓ In charge of Strategic Planning for

		JVA
April 1998- Sep. 1999	JVA Projects Studies Department	<ul style="list-style-type: none"> • Supervision Director for Baptism site and Zarah projects.
Mar 1997 - April 1998	JVA Directorate of Urban Development	<ul style="list-style-type: none"> • Head of projects follow up and implementation division. ✓ Study, Design, Preparation of tender documents and Supervision of Various projects in the Jordan Valley. ✓ Design and preparation of tender documents of the Mallaha clinic project. ✓ Contribution with the Ministry of public works in the studies and design of the Jordan Valley head offices building Project in the Arda.
Oct 1996- Mar 1997	JVA Dams Directorate Karameh Dam project(KDP)	<ul style="list-style-type: none"> • Contract Engineer ✓ Follow up the construction and contract administration of the KDP. Project value 55 Million JDs. ✓ Evaluation & Finalization of contractor's claims. ✓ Review & analysis of monthly progress reports. ✓ Evaluation of variation orders. ✓ Attending weekly and monthly site meeting. ✓ Checking the contractor's monthly payments. ✓ Commenting on and Answering the Engineers and contractors letters

Jan 1996- Oct 1996	JVA Studies & Planning Directorate	<ul style="list-style-type: none"> • Study and Follow up Engineer ✓ Review & analysis of progress reports for JVA Directorates & private contractors ✓ Follow up of the Water Management Information System Project. ✓ Follow up of the water measurement network & Gate Automation on the KAC ✓ Contribution in the national water Policy program, prepared paper on Human Resources Development & Training ✓ Evaluation & Finalization of contractors claims ✓ Contribution in preparing & issuing the JVA annual report
1993-1995	ARAB ARCHITECTURE Company & Fathi massad Engineering office- Jordan	<ul style="list-style-type: none"> • Contract Engineer ✓ Analysis & Studies of Construction projects ✓ Preparation of tender and contract documents ✓ Feasibility Studies
1990-1993	Ministry of Investment & Construction of UKRAINE	<ul style="list-style-type: none"> • Participation in the scientific research group in the Dnepropetrovsk Civil Engineering Institute (DCEI) - Ukraine. • Contribution in Planning & Development of the scientific research in the Field of Technology and Construction Management. ✓ The Results of the research were used by the Ministry of Investment & Construction of the UKRAINE in the preparation of Methodical & Recommended Documents on the substantiation of construction duration of Housing & Civil projects
1987-1989	Jordan Army Construction Department	<ul style="list-style-type: none"> • Study, Design and Direct Supervision of construction projects.

TRAINING COURSES:

- Ministry of Education of the UKRAINE, Dnepropetrovsk Civil Engineering Institute, Advanced Course in “Professional Activity and Computer “.
- The British Council, Amman-Jordan, Course of advanced English language.
- Modern Language Center, Amman-Jordan, Course of advanced American English.
- Primavera Project Planner
- M S Project
- Leadership Skills
- Management of Change
- Value Engineering
- Strategic Planning
- *And more others*

RESEARCH AND PROJECT ACTIVITIES (papers published):

1. Faroq Riyadh Maraqa, Jamal Aladwan, Yazan Alzubi, Bilal Yasin, **Ahmed Khatatbeh**. Estimating Ultimate Moment Capacity of Spirally Reinforced Concrete Columns Using Various Artificial Neural Networks. *International Review of Civil Engineering (IRECE)*, volume 14, issue 4, pp 300-3007, 2023.
Scopus indexed journal
<https://doi.org/10.15866/irece.v14i4.22143>
2. Y Alzubi, A Aljaafreh, **A Khatatbeh**. (2023). Application of machine learning techniques in estimating the construction cost of residential buildings in the Middle East region. *International Journal of Construction Management*, 25 Jul. pp 1-13, 2023.
<https://doi.org/10.1080/15623599.2023.2239494>
Scopus indexed journal
3. Yazan Alzubi and **Ahmed Khatatbeh**. (2023). AN OVERVIEW OF THE INFLUENCE AND APPLICATIONS OF MODERN INFORMATION TECHNOLOGIES IN CONSTRUCTION MANAGEMENT. *Journal of Engineering & Technological Advances*, volume 8, issue 1, pp 116-130, 2023.
<https://doi.org/10.35934/segi.v8i1.55>
Scopus indexed journal
4. Al-kharabsheh, B., Alqawasmeh, H., Alzubi, Y., and **Khatatbeh A.** (2023). Influence of concrete's poor-quality management on the seismic behavior of RC frames subject to near-field pulse-like ground motions. *Asian Journal of Civil Engineering*, volume 24, issue 2, pp 507-522, 2023.
Scopus indexed journal
<https://doi.org/10.1007/s42107-022-00515-y>
5. Alzubi, Y., Al Adwan, J., **Khatatbeh, A.**, Al-kharabsheh, B. (2022). Parametric Assessment of Concrete Constituent Materials Using Machine Learning Techniques. *Journal of Soft Computing in Civil Engineering*, volume 6, issue 3/21, pp 39- 62, 2022.
<https://doi.org/10.22115/scce.2022.334664.1417>
Scopus indexed journal
6. **Khatatbeh, A.A.** (2022), "Quantifying the impact of ISO 9001 standard on the project and engineering management and success factors; A case

- of construction industry", *Engineering, Construction and Architectural Management*, Vol. ahead-of-print No. ahead-of-print.
<https://doi.org/10.1108/ECAM-07-2021-0656>
Web of science and Scopus indexed journal
7. **Khatatbeh, A.A.** (2021), Using a Mixed-methodology to assess innovativeness and adoption of new practices in engineering management in construction industry. *International Journal of System Assurance Engineering and Management*, volume 12, issue 3, pp 407-418, 2021. <https://doi.org/10.1007/s13198-021-01080-4>
Web of science and Scopus indexed journal
 8. **Khatatbeh, A.A.** and Alzubi Y. (2021), Role of Materials and Labor Allocation in Cost-Effective Soundproof House Construction Projects, *Journal of Civil Engineering and Architecture*, 14 (2020) 668-675.
<https://doi/10.17265/1934-7359/2020.12.004>
 9. Shawaqfah, M., AlMomani, F. and **Khatatbeh, A.** (2020), Mapping Flash Flood Potential and Risk Level Using GIS Techniques and the Flash Flood Potential Index (FFPI) in Amman Zarqa Basin of Jordan, *Jordanian Journal of Chemical Engineering and Industries (JJECI)*, Volume 3, Issue 3, pp 81 – 90, 2020
<https://doi/10.48103/jjeci3102020>
 10. **Khatatbeh, A.A.**, (2020), Importance of Dispute Prevention and Resolution in Construction Projects, *Journal of Advanced Research in Dynamical & Control Systems*, Vol. 12, 08-Special Issue, 284 -293, 2020
Scopus indexed journal
 11. **Khatatbeh, A.A.**, (2016), Effects of Change Orders through Technical programs on Construction Projects in Jordan, *Journal of Civil Engineering and Architecture*, 10(11), 1213-1219, 2016.
 12. **Khatatbeh, A.A.**, (2016), Effect of Technology on Improving Directions of Construction Projects, *Journal of Information Engineering and Applications*, 6(11), 2016
 13. **Khatatbeh, A.A.**, (2016), Risk management and its effect on reducing the project risks, *Civil and Environmental Research*, 8(2), 86-93, 2016.
 14. **Khatatbeh, A.A.**, (2015), The Effects of Building Information Modeling on Construction (Productivity and Cost), *Journal of Information Engineering and Applications*, 5(7),13-21, 2015
 15. **Khatatbeh, A.A.**, (2014), The degree of using methods of quality management in the implementation of construction projects in Jordan, *Civil and Environmental Research* 6(9), 108-116, 2014.
 16. **Khatatbeh, A.A.**, (2009), Utilizing System Engineering and the logical conditions in the integration of participants in the management of complex projects, *World Applied Sciences Journal*, 7(8), 978-986, 2009.
 17. **Khatatbeh, A.A.**, (1993), Peculiarities of construction organization under the market conditions, *KIEV-UKRAINE*, 1993.
 18. **Khatatbeh, A.A.**, (1993), Construction duration of Housing and civil projects and contract relations, *KIEV-UKRAINE*, 1993.
 19. **Khatatbeh, A.A.**, (1992), Problem of construction duration in the market conditions. *KIEV-UKRAINE*, 1992.
 20. **Khatatbeh, A.A.**, (1992), On substantiation of construction duration in the Hashemite Kingdom of Jordan, *KIEV-UKRAINE*, 1992.

Courses so far taught for:

1. Graduate Engineering Students:

Mutah University, **Engineering Management Program/ Master:**

- Project planning and scheduling
- Project Management
- Law and Engineering
- Special Topics in Engineering Management (Value Engineering)
- Total Quality Management
- Safety Management and Engineering
- Inventory Management and Control
- Systems of Information Management
- Advanced Engineering Statistics
- Advanced Engineering Economy
- Selected Research Topics

2. Undergraduate Engineering Students:

Al al - Bayt University and Mutah University

- Project Management (Construction Management)
- Project planning and scheduling
- Software Applications in Project Management (Primavera PP)
- Contracts, Specifications and Quantity Surveying
- Engineering Drawings
- Engineering Economy
- Building Construction
- Engineering Statics
- Ethics and Communication Skills for Engineering Students
- Quality Control and Total Quality Management
- workshop training

3. Other courses related to Engineering Management were prepared but not yet taught

THESIS& DESERTATION: PhD and M.S. Committee Member for many students at both national and international levels

Reviewer of National and International Journals and Conferences: upon request

Attended Conferences, Workshops, and Technical Meetings: upon request

References: upon request