

Ja'far A. Aldiabat Al-Btoosh (Associated Professor)

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PERSONAL INFORMATION:

Date of Birth: 11-6-1977

Gender: (Male)

Marital Status: (Married)

Nationality: (Jordanian)

Education:

- University Malaysia Pahang (PhD in Civil Engineering - Building Information Modeling).
- MUTA, University, Karak, Jordan (Master's in Construction Management).

Concentration:

- Operations Management. Albalqa applied University, Faculty of Engineering, Amman, Jordan BSc in civil Engineering.

Google Scholar:

<https://scholar.google.com/citations?user=BXHLQTAAAAAJ&hl=ar>

Scopus profile:

<https://www.scopus.com/feedback/author/reviewAuthorProfile.uri?authorIds=57812566700>

Research Gate:

<https://www.researchgate.net/profile/Jafar-A-Aldiabat-Al-Btoosh-2>

RESEARCHER PUBLICATIONS:

- 1) **Ja'far A. Aldibat Albtoosh**, Ahmad Tarmazi Haron. (2017). Variation Orders Causes in Construction Buildings Projects in Jordan *Global Journal of Engineering Science and Research Management* (Vol. 4, pp. 6).

- 2) **Ja'far A. Aldibat Albtoosh**, Ahmad Tarmazi Haron. (2017). Analysis of Government Residential Projects Overruns in Jordan *Journal of Engineering and Applied Sciences* (Vol. 13, issue 9).
- 3) **Ja'far A Aldiabat Albtoosh (2018)**, The role of building information modelling design application in mitigating the variation order in Jordanian construction industry, UMP.
- 4) **Ja'far A.Aldiabat Al Btoosh**, Mohammed A.KA. Al-Btoosh (2019). BIM ADOPTION STRATEGIES – THE CASE OF JORDAN *International Journal of Civil Engineering and Technology (IJCET)* (Volume 10, Issue 07).
- 5) **Ja'far A. Aldibat Albtoosh**, Ahmad tarmazi haron. (2020). Adopting BIM in the Jordanian Private Construction Industry, Case Study Jordan *Journal of Engineering and Applied Sciences*
- 6) AM Faten Albtoosh, SI Doh, Abdul Rahimi Bin Abdul Rahman, **Ja'far A Aldiabat Albtoosh (2020)**. Factors Effecting the Cost Management in Construction Projects, *International Journal of Civil Engineering and Technology*.
- 7) Abuaddous, Musab, Al Btoosh, **Ja'far, Al-Btoosh, Mohammed, (2020)**, Building Information Modeling Strategy in Mitigating Variation Orders and Cost Overruns in Highway Projects in Jordan , *Civil Engineering Journal. (C.E.J)* (Volume 6, Issue
- 8) ELI Xiaofeng^{1,a}, DOH Shu Ing^{1,b*}, FENG Weiyong^{2,c}, ALBTOOSH **Ja'far A. Aldiabat**^{3,d}, CHONG Beng Wei⁴, (2020), The Mechanical Properties of Concrete Incorporating Steel Slag as Supplementary Cementitious Material , *Key Engineering Materials*. (Volume 879)
- 9) Mousa Bani Baker Abdulrazzaq Jawish Alkherret, Musab Y AbuAddous, **Ja'far A. Al Btoosh(2021)**, Modeling Operating Speed on Multilane Highways Using Global Positioning System Data, *International Review of Civil Engineering*, Volume 12, Issue 4.
- 10) **Ja'far A. Aldiabat Al-Btoosh (2021)**, Building Information Modelling Technology in Mitigating Cost Overruns and change orders in Construction Projects , *Journal of Advanced Sciences and Engineering Technologies(JASET)*, Volume 1, issue 1.
- 11) Musab Abuaddous, Anas Al-Hares, AM Faten Albtoosh, **Ja'Far A Aldiabat Al-Btoosh**, Identification and Ranking of Accident Black Spots in Jordan, *Horizon Research Publishing, Civil Engineering and Architecture* Vol. 10(4), pp. 1661 – 1674.
- 12) Abdulrazzaq Jewish ALKherret, Talal Masoud, Hesham ALshariE, Mohammed A. KA. AL-Btoosh, **Ja'far a. ALdiabat (2022) AL**, Dr. Ibrahim Farouq Varouqa and Dr.Taiseer Rawashdeh, Pressure settlement behavior of square footing on Jerash expansive soil, *SEYBOLD REPORT* , Vol18.101, pp.658-666.
- 13) **Ja'far A. Aldiabat Al-Btoosh (2023)**, A.M. Faten Albtoosh, Mohammed A.K.A. Al-Btoosh, Ibrahim F. Varouqa, Abdulrazzaq Jawish Alkherret, Talal Masoud,

Hesham Alsharie, Taiseer Rawashdeh , Material waste in construction projects: causes and effects , Journal of Southwest Jiaotong University, Vol 58, No 3 (2023).

14) **Ja'far A. Aldiabat Al-Btoosh (2024)**, Al smadiTakialddin, Engineering Value Techniques and their Application in Energy Management Based on IoT technology in Smart City , International Journal of Electrical and Electronics Research (IJEER).

15) **Ja'far A. Aldiabat Al-Btoosh (2021)**, Building Information Modeling Capability in Mitigating Change Orders and Cost Overrun, Journal of Advanced Sciences and Engineering Technologies(JASET), Volume 7, issue 1

SCIENTIFIC CONFERENCES:

- 1) **Ja'far, A.**, Haron, A. T., & Albtoosh, M. A. A. (2016, September). An overview of using building information modelling (BIM) in construction management. Paper presented at The National Conference for Postgraduate Research 2016, Universiti Malaysia Pahang, Gambang, Pahang, Malaysia.
- 2) Faten, Albtoosh and Doh, Shu Ing and Abdul Rahimi, Abdul Rahman **and Ja'far A., Aldiabat Al-Btoosh** and Syeda Maria, Zaidi , Factors affecting the accuracy of cost estimate in construction projects: a review , National Conference for Postgraduate Research (NCON-PGR 2020) , 2021.
- 3) A.M. Faten Albtoosh, Omar Jamaludin S. Mohd Syamsyul Hairi2 **J.A.A. Albtoosh3** , A.K.A Mohammed Al-Btoush4 , A Review: The Impact of Waste On Cost Overrun in Construction Projects , Proceedings of Malaysian Technical Universities Conference on Engineering and Technology (MUCET) , 2021.
- 4) Mohammed A. KA. Al-Btoush; A. M. Faten Albtoosh; S. I. Doh; **Jāfar A. Aldiabat Albtoosh**; Hashem K. Almashaqbeh , Adoption approaches for BIM implementation in construction projects: Jordan as a case study, AIP Conference Proceedings 2688, 030008 (2023).

EXPERIENCE:

From April 2024 to Present

Jerash private university

Engineering faculty, Engineering Management Program.

From October 2022 to April 2024 ..

Jerash private university

Dean of Engineering Faculty

From 2020 to present.

Jordan Journal of Civil Engineering (Jordan University of Science and Technology)

Reviewer

From September 2022 to October.

Jerash private university

Head of Civil Engineering Department

From November 2018 to July 2018

(Al-own / Elecnor) JV

Al-own project manager, Taffila Wind Farm Project, 100.8 MW.

From September 2017 to present:

Alshawahed for contracting

Construction manager, Company projects: (maintenance, infrastructure and finishing works).

From September 2012 to September 2017

Alzarqa private university

Engineering faculty, civil Engineering Department, Teaching Assistance.

Teaching Field: Engineering Economy, Project Management, Traffic Engineering, Quantities, Specifications and Contracts, Statics, Engineering Statistics.

From Feb. 2011 to September 2012

Alshawahed for contracting

Construction manager, Company projects: (maintenance, infrastructure and finishing works).

From June 2010 to Feb. 2011

Bin laden group (Saudi Arabia)

As a senior engineer in implementing the company project (ministry of interior integrated project).

From Feb 2010 to June 2010

Arabtech Jardaneh (Engineers & Architects)

As an office engineer in supervising and implementing the projects of the company as a site engineer of the supervising al karak project.

Project Brief: Infrastructures: Water, Wastewater & the Environment.

From March 2009 to Feb 2010

Madi& Partners for consulting engineers

As an office engineer in supervising and implementing the projects of the company
.as a project manager of the supervising al mreagah project

Earthworks, Road Pavement Layers, Asphalt: Infrastructures: Project

Brief water supply network, pedestrian foot baths, works.

From Jan 2009 to March.

Alsabeel for consulting

Construction building as a Site engineer

From March 2008 to Jan 2009

Madi &partners for consulting engineers

Project manager of the supervising sateh maan project, project brief: Earthworks, Road Pavement Layers, Asphalt works, Infrastructures, pedestrian foot baths

From November 2006 to March 2008.

Al-mazar municipality & Mutah

As zone manager.

From March 2005 to March 2006.

Housing ministry, supervising management.

From August 2002 to March 2005.

Mazar municipality & Mutah

As zone manager, job brief: Paper recycling development, supervising the municipality constructions.

COURSES TAUGHT

- Building Information Modeling (MSc level)
- Engineering Management Control Systems (MSc level)
- Quantitative Risk Analysis (MSc level)
- Advanced Quality Control (MSc level)
- Dynamics (Bachelor level)
- Engineering Projects Management (Bachelor level)
- Structural Steel Design (Bachelor level)
- Probability & Statistics for Engineering Students (Bachelor level)
- Specifications and Quantity, Contracts (Bachelor level)
- Professional Ethics (Bachelor level)
- Communication Skills for Engineers (Bachelor level)

TRAINING:

Jordan engineering association international construction contracts (FIDIC)

SKILLS:

Building Information Modeling Expert, Windows, Ms Office, SPSS, AutoCAD
2009, MS Project, primavera 3, 6, proken, internet high skill