

Ala'a Saleh AlShdiefat

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Qualifications and Membership

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| PhD in Construction Management The University of Salford, Manchester-UK | 2018 |
| M.Sc in Engineering Project Management (EPM) Isra University (Excellent cumulative Average) | 2013 |
| B.Sc in Civil Engineering Jordan University of Science & Technology-Jordan (Very Good cumulative Average) | 2006 |
| Member in Jordanian Engineering Association (JEA) | 2006 |

Professional Experience

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| Assistance Professor Philadelphia University Amman –Jordan | Sep. 2018 – Present |
| Researcher – Construction Management The University of Salford Manchester – UK | Jan. 2015- August 2018 |
| Board Assembly Bureau of Architectural Research and Design Amman –Jordan Resident Engineer (RE) | Nov. 2013 – July. 2014 |
| Makan Architects and Engineers Amman –Jordan Resident Engineer (RE) | Sep. 2012 – Oct. 2013 |
| Archisys Architects and Engineers Amman –Jordan Assistant Resident Engineer (ARE) | Nov. 2010 – Aug. 2012 |
| Arabtec Construction Company Dubai - UAE Site Engineer | Jan 2008 – Mar 2010 |
| Sukkok for Building & Tourism Development Amman – Jordan Site Engineer | Dec 2006 - Jan 2008 |

Publication

Alshdiefat, A., & Aziz, Z. (2020). Crucial barriers of building information modelling (BIM) in the Jordanian construction industry. *Global Journal of Engineering and Technology Advances*, 3(03), 020-030.

Alshdiefat, A, and Aziz, Z. (2018). Causes of change orders in Jordanian construction industry. *Journal of Building Construction and Planning Research (JBCPR)*. 6, 234-250.
<https://doi.org/10.4236/jbcpr.2018.64016>

Alshdiefat, A. S. (2018). *Developing an assessment model for the adoption of building information modelling to reduce the cost of change orders in the Jordanian construction industry* (Doctoral dissertation, University of Salford).

Alshdiefat1,A., Arayici, Y., Aziz, Z, and Coates, P. (2016). Perceive Benefits of Implementing BIM in Jordanian Construction Industry on Change Orders. *Proceedings of the First International Conference of the BIM Academic Forum Held at Glasgow Caledonian University, Glasgow, September 13-15, 2016* (ISBN – 9781905866816).

Alshdiefat, A. (2013). *Evaluation of claims management, causes, impacts and resolution in building projects in Jordan*. (Unpublished MSc thesis), Al Isra University, Jordan.

Conference and workshops

Building Information Modeling and collaboration for retrofit for resilient housing and sustainability: research, practices and support for social innovation. 7th -10th April 2016, Gaziantep and Istanbul, Turkey.

1st International (UK) BIM academic forum conference. 13th -15th September 2016. Hamish Wood Building, Glasgow Caledonian University, Glasgow, UK.

Connecting to the smart cities, developing a road map to explore big data analytical solutions to address Mekong Delta's current challenges. 03rd – 06th September 2018. Can Thu University, Can Thu, Vietnam.

Cultural Heritage: At the Intersection of the Humanities and the Science. 16th -18th April 2019. Amman, Jordan. The conference hosted with collaboration between Yarmouk University and Alexander von Humboldt Organisation, Germany.

Developing Jordan's roadmap for Energy Efficient and Neutral Buildings. 10th -13th June 2019. Philadelphia University, Amman, Jordan. The conference hosted with collaboration between Philadelphia University and the University of Salford, UK.

Award and Grant

1. The Researcher Links Workshop Grants: ***Developing Jordan's roadmap for Energy Efficient and Neutral Buildings*** awarded by Newton Fund (UK), 2018. Ref: 2018-RLWK10-10589, £23,800.0
2. Industry Academia Partnership Program (IAPP) Grants: ***IT and Conservation of traditional architecture and heritage*** awarded by the Royal Academy of Engineering and the Jordan Industrial Research and Development Fund which is affiliated to the Higher Council for Science & Technology, Industry Academia Partnership Programme that gives funding for UK-Jordan bilateral collaborations between industry and academia to build teaching, research and innovation capability in Jordanian Universities, April 2019. Ref: IAPP\18-19/244, £49,360.0
3. The Researcher Links Workshop Grants: ***Shifting the Energy Efficiency to a New Level in Jordan: Integrating Ambient Intelligence and Big data in the Built Environment: SEENJordan*** awarded by Newton Fund (UK), 2019. Ref: 2019-RLWK11-10504, £19,800.0
4. The Researcher Links Workshop Grants: ***Enhancing energy performance of Jordanian buildings using Building Information modelling enabled Technological and Process Innovations*** awarded by Newton Fund (UK), 2019. Ref: 2019-RLWK11-10310, £20,800.0

Research Interests

- **Intelligent Construction Collaboration:** A key focus of my work is to enhance construction collaboration through the application of innovative tools and techniques.
- **Building Information Modeling (BIM)**
- **Sustainability in construction industry and heritage sites :** investigation the true environmental impact of construction activities
- **Smart cities:** A key focus of my work is to improve construction management practices, cost control, time management and energy control.

Community Service

1. Participated in a free workshop hosted by Jordanian Engineering Association – Al Balqaa Branch. ***Building Information Modelling (BIM): Definition, Concept, and levels.*** Esalt. August 2019
2. Participated in a free workshop hosted by Jordanian Audit Bureau. ***Impact of Building Information Modelling (BIM) for reducing change orders in public projects.*** Amman. November 2019
3. Participated in a free workshop hosted by Jordanian Engineering Association – Al Mafraq Branch. ***Introduction to Building Information Modelling (BIM).*** Al Mafraq. August 2020

Training

Simulation modeling training course: AnyLogic 8 Fundamental. 4th -7th July 2017. The University of Salford, Manchester, UK.

FIDIC training program: Module 2, Management of Claims and Disputes Resolution Under the FIDIC Contracts. 17th-18th June 2019, Amman, Jordan.

Languages

Arabic (Fluent)
English (very good)

Personal Details

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| Date of Birth | : | 6 th of July |
| Nationality | : | Jordanian |
| Gender | : | Male |