

Lara Alshawawreh PhD, MSc, BSc

Email l.alshawawreh@mutah.edu.jo

RESEARCH INTERESTS

My research interests and passion lie in the field of humanitarian architecture, including all topics related to shelter, refugees, camps, and culture. My previous and ongoing research which looks at the refugee camps in Jordan and the shelter design in the Middle East, opened for me various additional interests and encouraged my curiosity towards many architectural topics to be further researched in the future, such as reconstruction, the relation between refugee camps and the urban fabric, and social/affordable housing. I am also interested in all topics related to equity, equality and inclusion in architecture, whether that was based on gender, age, or disabilities.

ACADEMIC QUALIFICATIONS

PhD Engineering and the Built Environment - Edinburgh Napier University, Edinburgh, United Kingdom (2015 - 2019)

Thesis- Architecture of Emergencies in the Middle East- Proposed Shelter Design criteria

M.Sc. Architectural Technology and Building Performance (Distinction) - Edinburgh Napier University, Edinburgh, United Kingdom (2014 - 2015)

B.Sc. Architectural Engineering - University of Jordan, Amman, Jordan (2006 - 2011)

Graduation Project- Art Institute for Disabled People (Grade A)

WORK EXPERIENCE

October 2023 – Present

Head of Architecture Department- Mutah University- Jordan

August 2019 – Present

Assistant Professor- Mutah University- Jordan

July 2022- August 2002

Visiting Researcher- University of Edinburgh- UK

September 2018 – February 2019

Research Assistant- Edinburgh Napier University- UK

Project- Circular Design of Emergency Sheltering for Africa: A Holistic Approach

October 2013 - July 2014

Teacher Assistant- Applied Science Private University- Jordan

April 2013 - May 2013 & April 2012 - May 2012

Engineer / Royal Health Awareness Society- Jordan

Healthy Schools Program- Evaluating the engineering component standards (two months mission)

October 2012 - March 2013 & October 2011 - March 2012
Design Architect- A&J Consulting Engineers & Architects- Jordan

June 2011 - July 2011
Engineer - Save The Children- Jordan
From Child-to-Child project- Assessing the needs and following ups on the improvement of schools' infrastructure (two months mission)

PUBLICATIONS

Alshawawreh, L., & Rush, D. (2024). Initial Fire Safety Analysis of Shelters in Zaatari and Azraq Refugee Camps. *International Journal of Disaster Risk Reduction*, 108, Article 104557. <https://doi.org/10.1016/j.ijdr.2024.104557>

Kwaylih, A., **Alshawawreh, L.**, & Pomponi, F. (2023). Sustainability Trends in Humanitarian Architecture Research: A Bibliometric Analysis. *Sustainability*, 15(14), 11430. MDPI AG. Retrieved from <http://dx.doi.org/10.3390/su151411430>

Alshawawreh, L. (2020). 'Participatory Design for Refugee Shelters: Experiment in Syrian Camps in Jordan'. In N. Martins, F. Kikano, M. Fayazi and L. Hobeica, ed., *Enhancing disaster preparedness: From humanitarian architecture to community resilience*. Elsevier

Alshawawreh, L., Pomponi, F., D'Amico, B., Snaddon, S., and Guthrie, P. (2020). Qualifying the sustainability of novel designs and existing solutions for post-disaster and post-conflict sheltering. *Sustainability*.

Pomponi, F., Moghayedi, A., **Alshawawreh, L.**, D'Amico, & Windapo, A. (2019). Sustainability of post-disaster and post-conflict sheltering in Africa: What matters? *Sustainable Production and Consumption*, 20, 140-150. <https://doi.org/10.1016/j.spc.2019.06.007>

Alshawawreh, L. (2018). Sheltering animals in refugee camps. *Forced Migration Review*, 58, 76–78

Alshawawreh, L., Smith, R. S., & Wood, J. B. (2017). Assessing the sheltering response in the Middle East: Studying Syrian camps in Jordan. *International Journal of Humanities and Social Sciences*, 11(8), 2016–2022

GRANTED NETWORKS AND PROJECTS PARTICIPATION

March 2020 – March 2025
Co-Investigator- 'SHELTERS: Sustainable Homes Enabling the Long Term Empowerment of Refugees'- Funded by Royal Academy of Engineering

June 2018 – June 2019
Research Assistant- 'Circular design of emergency sheltering for Africa: a holistic approach'- Funded by Royal Academy of Engineering

June 2017 - June 2018
Member- Humans and Animals in Refugee Camps network - Funded by Wellcome Trust

April 2017

Member- Experience of camp/non-camp displacement: building learning from Jordan to build learning in Jordan

Funded by Scottish Funding Council-Global Challenges Research Fund

CONFERENCES

27th-28th April, 2024

Member of the Preparatory Committee & a moderator- The 7th Jordan International Architectural Conference- ARCH-AI -Amman

22nd-23rd February, 2023

Oral presenter- MENA Shelter Forum- Amman

14th-16th November, 2018

Oral presenter- 8th International Conference on Building Resilience – ICBR - Lisbon

20th-22nd October, 2017

Attendant - UREKA conference - Edinburgh

28th-29th August, 2017

Oral presenter- 19th International Conference on Humanitarian Aid and Services - Paris

3rd-5th July, 2017

Attendant - 33rd International Conference on Passive Low Energy Architecture (PLEA)- Edinburgh

29th April, 2016

Attendant - The Syrian refugee crisis: Regional origins, present reality, future prospects- Conference - University of Edinburgh

15th June, 2016

Poster presenter - Edinburgh Napier University Conference

AWARDS

August, 2017

Best paper award- 19th International Conference on Humanitarian Aid and Services - Paris, France

June, 2017

Principal's Research Excellence Award 2017- A winner of the '3 minutes thesis competition' - Edinburgh Napier University

COURSES AND SCHOOLS

25th Novemebr – 22nd January, 2024-2025

Data Science and Machine Learning Applications- Mutah University- Jordan

12th June, 2020 – 15th July, 2020

An Introduction to Zero Carbon Buildings - Course by UWE Bristol- Online

2nd July, 2018 - 8th August, 2018

E-shelter in Urban Emergencies - Course by RedR UK - Online

7th June, 2018 - 8th June, 2018

Urban Humanitarianism - Course by RedR UK – London- UK

29th May, 2018 - 1st June, 2018

Edinburgh Local GRADschool 2018- Edinburgh- UK

26th September, 2017- 27th September, 2017

Latex workshop - Edinburgh Napier University- UK

21st November, 2016

Standing up for science- Media workshop - University of Glasgow- UK

9th August, 2016- 10th August, 2016

Qualitative research methods - Summer School - Aberdeen University- UK

9th March, 2016 - 10th March, 2016

Nvivo software - Edinburgh Napier University- UK

August, 2012

3ds MAX Design – 35-40 hours course duration – Autodesk- Jordan

9th March, 2010

Working Together for Sustainability - Jordan Green Building Council- Jordan

25th January, 2009 – 5th February, 2009

Photoshop – University of Jordan- Jordan

LANGUAGES

Arabic- Native/ **English**- Full proficiency