

## **Dr. Chaham Alalouch**

<b>Degree</b>	<b>Discipline</b>	<b>Institution</b>	<b>Year</b>
Ph.D.	Architectural Engineering	Heriot-Watt University, UK	2009
P.G. Diploma	Architectural Design	University of Aleppo, Syria	2004
B.Sc.	Architectural Engineering	University of Aleppo, Syria	2002

**Academic Rank:** Assistant Professor

**Academic Experience:**

- Institution: Sultan Qaboos University, Muscat, Oman, Assistant Professor, Dates: 2013 – present, Full time
- Institution: Ittihad Private University, Syria, Assistant Professor, 2011- 2013, Full time
- Institution: Heriot-Watt University, UK, Research Associate, 2008- 2010, Full time

**Non-Academic Experience:**

- Company or Entity: Hays Specialist Recruitment, UK, Title: Architectural Assistant  
Brief Description of Position: I worked in three architectural consultancy firm in the UK. Tasks: producing working drawings and detailed design for several projects e.g. court, residential and entertainment buildings, Dates: Sep. 2006- Jul. 2007, Part Time.
- Company or Entity: Technical Service Department of Aleppo Municipal, Syria, Title: Architectural Engineer, Brief Description of Position: review applications for construction permit and supervise on-site work, Dates: 2002- 2004, Full Time.
- Company or Entity: Aleppo University Design Consultancy Units, Faculty of Architectural Engineering, University of Aleppo, Syria Title: Architectural Engineer, Brief Description of Position: I was involved in several projects with several design consultancy units at Aleppo University. Tasks involved developing design concepts and detailed drawings for a doctor housing project; work on the new master plan of Aleppo University; and documentation of historical buildings, Dates: 2000- 2004, Part Time.

**Certifications or Professional Registrations:**

The Order of Syrian Engineers, Syria (Licensed Architect) since 2002- lic. No: 15974.

**Membership in Professional Organizations:**

Federation of Arab Engineers (Architectural Engineers) since 2013. Membership No: 8/575.

**Honors and Awards:**

- Awarded the “Distinguished Academician Award” by Sultan Qaboos University 2019 on the 19th University Day celebration.
- Several Awards from Sultan Qaboos University in the last five years.
- Six awards for supervising award winning students projects 2017-2018 (research and design) from Muscat Municipality and RIBA, SQU, and Sapienza University of Rome.
- Highly Commended Award (2010). Emerald Literati Network Awards for Excellence, UK.
- MacFarlane Prize (2008-2009) for my PhD thesis. Heriot-Watt University, UK.
- Outstanding Graduation Project Award (2002), the Order of Syrian Engineers, Syria.

**Service Activities:**

- Serve as a member and associate coordinator in 26 committees from University to Program levels in the last seven years at SQU.
- External Reviewer for new UG & PG Programs- the Ministry of Higher Education, Oman.
- Member of Expert Panel to provide opinion to the Appealing Court, Oman.

- Review board member in Arch-net International Journal of Architectural Research and Open House International, Emerald Publishing.
- Member of the Organizing Committees of four conferences and member of the Scientific Committees of several conferences in Italy, UK, Greece, Egypt, Chain, India and Oman.
- Keynote Speeches in two international conferences: Alalouch, C. (2018). From Sustainability to Smart Cities: A Future Outlook. Keynote Address at the 2<sup>nd</sup> International Conference on Green Urbanism. Roma Tre University, Italy, 5-7 Dec. 2018; and Alalouch, C. (2017). Energy-Conscious Buildings in Hot Climates: Potential and Challenges. Keynote Address at Alternative & Renewable Energy Quest in Architecture & Urbanism Conference. Polytechnic University of Catalonia, Barcelona, Spain, 1-3 Feb. 2017.

**Principal Publications and Presentations of the Last Five Years:** h-index: 11 in May 2020

- Bouzguenda, I., **Alalouch, C.**, & Fava, N. (2020). Examining digital participatory planning: Maturity assessment in a Small Dutch city. *Journal of Cleaner Production*, 264:121706. (Q1 journal in 2019)
- Saleh, M. S. and **Alalouch, C.** (2020). Sustainable construction in Oman: the potential role of the industrialized building systems. *The Journal of Engineering Research*, 17(1), p. 1-10. DOI:10.24200/tjer.vol17iss1pp1-10. (Q4 journal in 2019).
- **Alalouch, C.**, Al-Saadi, S., AlWaer, H., and Al-Khaled, K. (2019). Energy Saving Potential for Residential Buildings in Hot Climates: The Case of Oman. *Sustainable Cities & Society*, 46:101442. <https://doi.org/10.1016/j.scs.2019.101442> (Q1 journal in 2019)
- **Alalouch, C.**, Al-Hajri, S., Naser, A., and Al Hinai, A (2019). The Impact of Space Syntax Spatial Attributes on Urban Land Use in Muscat: Implications for Urban Sustainability. *Sustainable Cities & Society*, 46:101417. <https://doi.org/10.1016/j.scs.2019.01.002>. (Q1 journal in 2019)
- Bouzguenda, I., **Alalouch, C.**, and Fava, N. (2019). Towards Smart Sustainable Cities: A Review of the Role Digital Citizen Participation Could Play in Advancing Social Sustainability, *Sustainable Cities and Society*, 50:101627. <https://doi.org/10.1016/j.scs.2019.101627> (Q1 journal in 2019)
- Aljubori, L., and **Alalouch, C.** (2018). Finding Harmony in Chaos: The Role of the Golden Rectangle in Deconstructive Architecture. *Archnet-IJAR: International Journal of Architectural Research*, 12(3), p. 183-205. <http://dx.doi.org/10.26687/archnet-ijar.v12i3.1696> (Q1 journal in 2019)
- **Alalouch, C.** (2018). A Pedagogical approach to integrate parametric thinking in early design studios. *Archnet-IJAR: International Journal of Architectural Research*, 12(2), p. 162-181. <http://dx.doi.org/10.26687/archnet-ijar.v12i2.1584> (Q1 journal in 2019)
- Ghaffarianhoseini, A., AlWaer, H., Omrany, H., **Alalouch, C.**, Clements-Croome, D., and Tookey, J. (2018). Sick Building Syndrome: Are We Doing Enough? *Architectural Science Review*, 61(3), p. 99-121. <https://doi.org/10.1080/00038628.2018.1461060> (Q1 journal in 2019)
- **Alalouch, C.**, Aspinall, P. and Smith, H. (2015). Architects' Priorities for Hospital Ward Design Criteria: Application of Choice-based Conjoint Analysis in Architectural Research. *Journal of Architectural and Planning Research*, 32(1), p. 1-22. (Q2 journal in 2019)

**Most Recent Professional Development Activities:**

- Participated in several international conferences in the last seven years in Oman, Italy, Spain, UK, Malaysia and Indonesia.
- Completed “Urban Energy Modeling” course. 01/07/2018 to 08/08/2018, The Freie Universitaet of Berlin, Institute of Meteorology, Berlin, Germany.
- Completed “Improving Teaching and Learning with Technology”, 25-26 April 2018 (12 hours), Sultan Qaboos University, Oman.
- Completed “IEEE Symposium on Engineering Education: Graduates & Future Employment”, Tuesday 13<sup>th</sup> March 2018, Military Technical College, Oman.
- Completed “Critical Thinking Skills for the 21<sup>st</sup> Century” and “Preparing Effective Practitioners and Responsible Citizens for the 21<sup>st</sup> Century”, 17-18 May 2017, SQU, Oman.