

CURRICULUM VITAE

Chaham Alalouch, Ph.D.



PERSONAL INFORMATION

- **Name:** Chaham Rajab Alalouch (شهم رجب العلوش)
- **Date & Place of Birth:** 28/03/1979, Aleppo, Syria
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Sultan Qaboos University, P.O. Box 33, Al-Khod 123, Muscat,
Sultanate of Oman.
- **Driving license:** UK, Oman, Syria.

RESEARCH INTEREST AND IMPACT

My area of interest lies in the relationship between the architectural environment in both scales (urban and building) and human preference, perception, behavior, health, and quality of life. This includes the following topics:

- Spatial analysis and Space Syntax.
- Sustainability, passive design strategies and people's behavior.
- Stakeholder involvement in the design process.
- Architectural pedagogy.

Impact (as on June 2017): ***h-index 6, citation 149*** ***ResearchGate RG Score 14.42***

EDUCATION AND EMPLOYMENT

EDUCATIONAL

- **Ph.D. Architecture** (2009), Heriot-Watt University, Edinburgh, Scotland, UK.
PhD thesis has been awarded the MacFarlane Prize 2008/2009.
- **PG Dip. Architectural Design** (2004), University of Aleppo, Faculty of Architectural Engineering, Syria.
- **B.Sc. Architectural Engineering** (2002), University of Aleppo, Faculty of Architectural Engineering, Syria.

EMPLOYMENT HISTORY

- **Assistant Professor in Architectural Engineering** (9th Sep. 2013- on going).
Department of Civil and Architectural Engineering, College of Engineering. Sultan Qaboos University, Muscat, Oman.
- **Assistant Professor in Architecture Design** (24th Jan. 2011- 18th Aug. 2013).
Faculty of Architecture, Ittihad Private University (IPU), Aleppo/Rakkah, Syria.
- **Research Associate** (1st March 2008- 27th Nov. 2010).
Heriot-Watt University, School of the Built Environment, Edinburgh, UK.
- **Architectural Engineer** (5th Sep. 2006- 13th Jul. 2007).
Hays Specialist Recruitment, UK (JM Architects Ltd, Davidson Design Partnership Architects, Hurd Rolland Partnership Architects, Scotland, UK).
- **Architect** (25th Dec. 2002- 18th Aug. 2004).
Technical Service Department of Aleppo, Aleppo Municipal, Ministry of local administration and Ecology, Syria.
- **Architectural Engineer** (1st Sep. 2002- 18th Aug. 2004).
Aleppo University Design Consultancy Units, Faculty of Architectural Engineering, University of Aleppo, Aleppo, Syria.
- **Assistant Architectural Engineer** (1st Sep. 2000- 1st Sep 2002).
Aleppo University Design Consultancy Units, Faculty of Architectural Engineering, University of Aleppo, Aleppo, Syria.

AWARDS, ACADEMIC LEADERSHIP AND RECOGNITION

AWARDS

- **Highly Commended Award** (2010) on my paper titled 'On locational preferences for privacy in hospital wards'. Emerald Literati Network Awards for Excellence 2010, UK.
- **MacFarlane Prize 2008/2009** (2009) for my PhD thesis. The Award is made annually to the PhD graduate who has made the most outstanding contribution to the research at Heriot-Watt University, Edinburgh, UK.
- **Outstanding Graduation Project Award** (2002), the Order of Syrian Engineers, Aleppo, Syria.

AWARDS WITH STUDNETS

- **First Place:** "Envisioning Muscat 2040 competition", 4-5 April 2017, Muscat, Oman.
Organized by Muscat Municipality and RIBA. SQU student team: Faiza Al-Balushi, Najlaa Al-Subhi, Bashayar Al-Naaimi, and Aisha Al-Shammakhi.
- **Second Place:** "The 7th Engineering Gathering" organized by the College of Engineering at Sultan Qaboos University from 23rd April to 27th April 2017. Project title "Eco-pavilion". In

total 43 projects from different engineering disciplines and from different higher educational institutes in Oman participated in the competition.

- **First Place:** “*SpaRe.Life 2017- Green Urban Regeneration*” International Winter School, 6-11 February 2017, Rome, Italy. Organized by IEREK UE and Sapienza University of Rome. SQU student team: Hafsa Al-Balushi, Alaa Al-Seed, Sundos Al-Habsi.
- **Second Place:** “*SpaRe.Life 2017- Green Urban Regeneration*” International Winter School, 6-11 February 2017, Rome, Italy. Organized by IEREK UE and Sapienza University of Rome. SQU student team: Reem Al-Hashmi, Shadha Al-Saifi, Abrar Al-Hashmi, Rahma, Al-Isaii.
- **Third Place:** “*The Design Competition*” at the Department of Mechanical and Industrial Engineering, College of Engineering, Sultan Qaboos University, Oman, 3rd May 2017. Project title: Facility Planning and Improvement for SQU Staff Club. Student team: Ghassan Al Mazrooey, Almonther Al Siyabi, As'ad Al Abri.

ACADEMIC LEADERSHIP

- Invited as a **Key Note Speaker and Guest Editor** in Alternative & Renewable Energy Quest in Architecture & Urbanism Conference (AREQAU2017). Polytechnic University of Catalonia (BarcelonaTECH), Barcelona, Spain, 01- 03 February 2017.
- Invited as a **Key Note Speaker and Scientific Responsible** in the international conference on “Improving Sustainability Concept in Developing Countries conference (ISCDC2015)” 05-07 Dec. 2015, Grand Nile Tower Hotel, Cairo. Organized by IEREK.
- Member of the **Advisory Board** of International Experts for Research Enrichment and Knowledge Exchange (IEREK) with branches in Egypt, Italy, and the UK.

LETTERS OF APPRECIATION

- **Letter of Appreciation** (2017), from The Deputy Vice-Chancellor for Postgraduate Studies and Research Dr.Rahma Al-Mohrooqi, Sultan Qaboos University, on 21st May 2017 for the active organization of “Linking Oman’s Higher Educational Institutes with the Public and Private Sectors” held on 7-9 May 2017 at Oman Convention and Exhibition Centre.
- **Letter of Appreciation** (2017), from The Dean of the College of Engineering at Sultan Qaboos University, Prof. Abdullah Al-Badi, on 2nd May 2017 for the outstanding effort and generous contribution to the College during the academic year 2016-2017.
- **Letter of Appreciation** (2017), from International Experts for Research Enrichment and Knowledge Exchange (IEREK), April 2017, for the dedication and commitment as an active and outstanding member of the organization’s Scientific Committee.
- **Letter of Appreciation** (2017), from Muscat Municipality and RIBA, for supervising the team who achieved the 1st Place at “Envisioning Muscat 2040 Competition” 4-5th April 2017.

- **Letter of Appreciation** (2014), from H. E. the Vice Chancellor of Sultan Qaboos University for the effective participation in the ABET accreditation of the Architectural Engineering Program at the University.

TEACHING AND PEDAGOGIC EXPERIENCE

UNDERGRADUATE:

- **At Sultan Qaboos University, Muscat, Oman (2013- on going):**

AREN4115: Graduation Project-I	AREN2111: Architectural Design-I
AREN5116: Graduation Project-II	AREN3113: Architectural design-III
AREN2312: Architectural Drawing	AREN2313: Architectural Graphics
AREN3312: Computer Aided Architectural Design	AREN4305: Interior Design
AREN4306: Spatial Analysis Techniques	AREN2411: History of Art and Architecture-I
CIVL3002: Drawing-I	ENGR4006: Industrial Training-II

- **At Ittihad Private University, Aleppo/Rakkah, Syria (2011-2013)**

ENGAR521: Graduation Project	ENGAR515: Thesis for Graduation Project
ENGAR311: Architectural Design-II	ENGAR113: Technical Drawing for Architects
ENGAR123: Introduction to Architectural Design	ENGAR325: Interior Design

- **At Heriot-Watt University, Edinburgh, UK (2008-2010)**

Tutor and approved marker (coursework and examination scripts):

Design and Collaborative Projects- Critical Studies- Safety Management- Design Project- Construction Practice & Decision Making- Energy & Building- Environmental Science & Human Response.

PhD SUPERVISION:

- Co-supervisor of PhD titled "*Digitizing Community Engagement for Social Sustainability; Observations and Potentials from a Web-based Approach*". Student name: Islam Bouzguenda. University of Girona, Spain. Expected completion Date: December 2019.

SERVICES

SERVICE TO THE PUBLIC

- Appointed as a member of the Register for External Reviewers of Oman Academic Accreditation Authority (OAAA) (Spring 2016- Spring 2019).
- Member of Expert Panel to provide opinion to the Appealing Court, the Council of Administrative Affairs for the Judiciary, Oman, on cases #313/314/412. (2016-2017).

- External Reviewer for new Bachelor Programs for the Ministry of Higher Education (MHE), Oman, as part of the licensing process of new programs of study submitted by Private Higher Institutes (Ministerial Qarar No. 12/2015).
- Public Lecture: “*Digital Simulation of Spatial Configurations: The Socio-economical dimension of urban and building design*”, 19th April 2016 at Grand Mosque Lecture Hall, Muscat. Part of INSIGHT lecture series organized by Oman Center of Architects (OCA).

UNIVERSITY ADMINISTRATION AND COMMITTEES

- **University Level (Sultan Qaboos University):**
 - “Linking Higher Education institutions with the Public and Private Sectors” exhibition supervising committee, chaired by the Deputy Vice Chancellor for Postgraduate Studies and Research (Fall 2016- Spring 2017).
 - Oman Eco-house Design Competition-II (Spring 2015- on going).
 - SQU Electrical Tram project specifications Committee (Fall 2015- Spring 2016).
 - SQU Study Pavilion Competition Committee (Fall 2015- Spring 2016).
 - The Design of a Public Park in Al-Ansab for Haya Water Competition (Spring 2016).
 - SQU Staff Club Extension Project (Fall 2013- Fall 2014).
 - SQU Staff Club Committee- elected in two sequential cycles (Fall 2014- on going).
 - SQU Central Chemical Store Specification Committee (Spring 2014).
- **College Level (College of Engineering, SQU):**
 - College of Engineering advising Committee (Fall 2016- on going)
 - Engineering Student Societies Advisors Committee (Fall 2015 – on going).
 - College of Engineering Student Workshop Building Design Committee (Fall 2016- on going).
 - The Organization Committee of the *Arab-Gulf Cooperation Council (GCC) Countries Engineering Students Design Competition 2016* (Fall 2015- Spring 2016).
 - College of Engineering Research Building Project (Spring 2014).
- **Department Level (Dep. of Civil & Architectural Engineering, SQU):**
 - Undergraduate Curriculum Committee (Fall 2013- on going).
 - Advisor of the Civil and Architectural Engineering Student Society (2015-2016 & 2016-2017)
- **Program Level (Architectural Engineering Program):**
 - Program secretary (Fall 2013 – Summer 2015) (two years)
 - Program Accreditation Committee (Fall 2013- on going).
 - Master Program in Architectural Engineering Proposal Committee (Fall 2013- on going).
 - Degree Plan Review Committee (Spring 2014-Spring 2015).
 - Admission to the Architectural Engineering Program Committee (Fall 2013- on going).
 - Faculty Assignment to Design Courses (Spring 2014- on going)
 - Final year Project Review Committee (Fall 2016- on going).
 - Design Courses Review Committee (Fall 2016- on going).

PROFESSIONAL SERVICE

- **Advisory Role**
 - Member of the Advisory Board of International Experts for Research Enrichment and Knowledge Exchange (IEREK) with branches in Egypt, Italy, and the UK.
- **Editorial Role**
 - Associate editor, “*Environmental Sciences and Sustainable Development (ESSD)*” journal, IEREK Press, (<http://ierek.com/press/index.php/ESSD>).
 - Associate Editor, “*Resourceedings*” journal, IEREK Press and Springer, (<http://ierek.com/press/index.php/Resourceedings>).
- **Referee for peer-reviewed academic journals:**
 - “*Facilities*”, Emerald publisher (www.emeraldinsight.com), Scopus indexed.
 - “*Environment & Behavior*”, SAGE Publications, (<http://eab.sagepub.com>), JCR indexed.
 - “*Environmental Sciences and Sustainable Development (ESSD)*”, IEREK Press, (<http://ierek.com/press/index.php/ESSD>)
- **Conference Organization Committee**
 - The 1st National Conference on Civil and Architectural Engineering 2018 (NCCAE2018). Sultan Qaboos University, Muscat, Oman, 26-28 March 2018.
- **Conference Scientific Committee:**
 - Cultural Sustainable Tourism (CST2017) international conference. Aristotle University Thessaloniki, Greece, 27-29th November 2017.
 - The 2nd international conference on Improving Sustainability Concept in Developing Countries (ISCDC2017). Grand Royal Hotel, Cairo, Egypt, 12-14th December 2017.
 - Cities’ Identity Through Architecture and Arts (CITAA2017) international conference. Helwan University, Cairo, Egypt, 11-13 May 2017.
 - Theory of Architectural Design: Global Practices Amid Local Milieu 2017 conference. Shri Mata Vaishno Devi University, Kashmir, 14-16th April 2017.
 - Alternative & Renewable Energy Quest in Architecture & Urbanism international conference (AREQAU2017). Polytechnic University of Catalonia (BarcelonaTECH), Barcelona, Spain, 01-03 February 2017.
 - International Conference on Green Urbanism (ICGU2016) international conference. Cornell University, Rome, Italy, 12-14 October 2016.
 - Conservation of Architectural Heritage 2015 conference (CAH2015). Luxor – Aswan, Egypt, 23-27th November 2015. Organized by: International Experts for Research Enrichment and Knowledge Exchange (IEREK).
 - Improving Sustainability Concept in Developing Countries 2015 (ISCDC2015) international conference. Cairo, Egypt, 2-4 Dec. 2015. Organized by: International Experts for Research Enrichment and Knowledge Exchange (IEREK).

- Urban Planning and Architectural Design for Sustainable Development 2015 (UPADSD2015) international conference. University of Salento, Lecce, Italy, 14-16 Oct. 2015.
- 2015 3rd International Conference on Biological and Medical Science (ICBMS2015), Shanghai, China, 5-6 Sep. 2015. Organized by: Chemical, Biological and Environmental Engineering Association (CBEEES).
- **Invited Speaker:**
 - Alalouch, C. 2016. Eco-architecture in the Gulf Region. The Scientific Colleges of Design (SCD) Multi-Theme Design Conference. Muscat 30th November 2016.
 - The Scientific College of Design, Muscat, titled "The interior Design as a Profession". Delivered twice on: 5th November 2015, and 26th February 2015.
 - The Scientific College of Design, Muscat, title "*Spatial Analysis Techniques*" 28th Dec. 2014.
 - The Scientific College of Design, Muscat, title "*Design Inspiration: Do We Really Need a Design Concept?*" 22nd April 2014.
- **Competition Judge:**
 - *Marina Design Competition* organized by Marina Engineering Consultants, Muscat, Oman, on 3rd of May 2016. In total, 27 projects participated in this design competition and the panel consisted of: Dr.Chaham Alalouch (Architecture), Dr.Ghazi Al-Rawas (Civil), Dr.Saleh Al-Saadi (Building energy systems), and Eng. Hussam Al-Sulaimani (Civil).
 - The 7th *Engineering Gathering Design Competition* organized by College of Engineering at Sultan Qaboos University, The Sultanate of Oman, from 3rd to 6th April 2016. The competition included 45 projects from several universities and technical colleges from Oman and the Gulf region.
 - The 6th *Engineering Gathering Design Competition* organized by College of Engineering at Sultan Qaboos University, The Sultanate of Oman, from 26th to 29th April 2015. The competition included 48 projects from 7 countries including Oman, Kuwait, KSA, Qatar, Bahrain, Jordan and Egypt.
- **Postgraduate Thesis Examination:**
 - Chairman of the MSc Thesis Examination Committee for the student Mr. Ali Khodae ID# (110102/14), thesis title is "Modeling and Optimization of Organic Ranking Cycle Using Generalized Property Correlations", 30th June 2016.
- **Undergraduate External Juror/Examiner:**
 - Design Studio V course, Department of Architecture and Interior Design, Scientific College of Design, Muscat, Oman, on 1st May 2017.
 - Final Year Projects, The Department of Architecture and Interior Design, College of Engineering and Architecture, University of Nizwa, 10th Jan. 2017.
 - Final Year Projects, Department of Engineering, The Architectural Engineering Specialization, Higher College of Technology (HCT), 29th March, 2016.

- Final Year Projects, The Department of Architecture and Interior Design, College of Engineering and Architecture, University of Nizwa, 07th Jan. 2016.
- Final Year Projects & architectural design III, Department of Architecture and Interior Design, Scientific College of Design, Muscat, Oman, on 20th January 2016.
- Design Studio IV course, Department of Architecture and Interior Design, Scientific College of Design, Muscat, Oman, on 14th May 2015.
- Design Studio IV course, Department of Architecture and Interior Design, Scientific College of Design, Muscat, Oman, on 06th Jan. 2015.
- Landscape Workshop course and Design Studio V, Department of Architecture and Interior Design, Scientific College of Design, Muscat, Oman, on 05th May 2014.
- Design Studio V course, Department of Architecture and Interior design, Scientific College of Design, Muscat, Oman, on 29th Dec. 2013.

INTERNATIONAL DESIGN SCHOOLS AND WORKSHOPS

- Member of the Scientific Committee and Instructor at “SpaRe.Life 2017- Green Urban Regeneration” International Winter School, 6-11 February 2017, Rome, Italy at Sapienza University of Rome.
- Member of the Scientific Committee and Supervisor in “Kore International Winter School 2016: A Space for Real Life (KIWiS2016)”, 07-13 March 2016, Enna, Sicily, Italy at Kore University of Enna. The School is organized by Kore University of Enna in partnership with universities from Netherland, Spain, Italy, Lebanon, Egypt and Oman. Participants: 86 students from several countries, 19 professors, 14 teaching assistant, local architects and artist, local authority representatives, and representatives of the local community.
- Conduct “Introduction to Parametricism for Space Designers” workshop at the SCD Multi-Theme Design Conference. Muscat 28th November 2016.
- Conduct “Parametricism for Interior Designers” workshop at Scientific College of Design (for the B.Sc. in Interior Design students), Muscat, 29th Nov. 2015.
- Conduct “Parametric Design simplified” workshop at Sultan Qaboos University, Muscat, 6th April 2015.

RADIO AND TV INTERVIEW

- Interview on Oman Radio, topic: Linking Oman’s Higher Educational Institutes with the Public and Private Sectors. Broadcasted live from 2:30 pm-4:00 pm on Monday 8th May 2017 (The Life Broadcast program with the broadcasted: Khalid Al-Zadjali). <https://www.youtube.com/watch?v=SL04rooB5IM>
- Interview on *Oman Radio*, topic: involving students in SQU Study Pavilion Design Competitions, Broadcasted on 28th May 2016 at 9:00 pm (Al-Anwar Program, broadcaster: Ms. Na’aela Al-Balushi). <https://soundcloud.com/omanradio/anwar2852016>

HONORS/MEMBERSHIPS

- The Order of Syrian Engineers, Syria (Licensed Architect).
- International Association for People-Environment Studies.

PROFESSIONAL DEVELOPMENT ACTIVITIES

SHORT COURSES AND WORKSHOPS

- Completed "*Critical Thinking Skills for the 21st Century*", Wednesday 17 May 2017 at Sultan Qaboos University, Muscat. By Prof. Nikos J. Mourtos, Professor and Director of Aerospace Engineering, San Jose State University.
- Completed "*Preparing Effective Practitioners and Responsible Citizens for the 21st Century*", Thursday 18 May 2017 at Sultan Qaboos University, Muscat. By Prof. Nikos J. Mourtos, Professor and Director of Aerospace Engineering, San Jose State University.
- Completed "*Grant Proposal Writing Workshop*", 4th and 5th October 2015. Organized and conducted by The Research Council (TRC) in Oman and COACH for Women Scientists and Engineers, University of Oregon, Eugene, USA. At Modern College of Business and Science, Muscat, Oman.
- Completed "*Preparing engineering Student for the 21st Century: How to teach engineering students processing skills*" workshop, 26th to 28th May 2015. By Prof. Nikos J. Mourtos, Professor and Director of Aerospace Engineering, San Jose State University. Sultan Qaboos University, Muscat.
- Completed "*Presentation with Prezi*" workshop (Spring 2014), Sultan Qaboos University.
- Completed "Turnitin" workshop in Spring 2014, organized by Center for Information Systems (CIS) at SQU. Turnitin is an internet-based plagiarism-prevention service.
- Complete "*Broadening Horizon for Research Staff*" Workshop, May 2010 (Duration: 3 days, residential). Organized by Vitae (www.vitae.ac.uk), Novo hotel, Edinburgh, UK.
- Completed "*Designing Sustainable Places: Principles & Methodologies of Place making*" workshop, 2009. The University of Dundee, UK, Stirling.
- Completed "*Learning Enhancement and Development Skills 2 (LEADS 2)*" course, 2007. Heriot-Watt University, Edinburgh, UK.
- Completed "*Introduction to Teaching Skills (ITS)*" course, 2006 (Duration: 5 weeks). Heriot-Watt University, Edinburgh, UK.
- Completed "*UK Grad School*", 2006 (Duration: 3 days, residential). The University of Edinburgh, Scotland, UK.

PRESENTATIONS IN CONFERENCES

- Alternative & Renewable Energy Quest in Architecture & Urbanism Conference (AREQAU2017). Barcelona, Spain, 01- 03 February 2017.
- The Scientific Colleges of Design (SCD) Multi-Theme Design Conference, Muscat, Oman (two presentations and a workshop). 28-30th November 2016.
- International conference on *Urban Planning and Architectural Design for Sustainable Development 2015* conference (UPADSD2015). Lecce, Italy, 14-16 October 2015.
- *Second International Conference on Civil and Architectural Engineering*, 27-28 September 2014. Bali, Indonesia.

CONFERENCE ATTENDANCE (without presentation)

- *Green Building and Smart Cities – Innovative Energy and Building Solutions for the Sultanate of Oman 2015 conference*. Muscat, City Seasons Hotel, 1st march, 2016. Organized by Advantage Austria Muscat – the Austrian Economic Delegation in cooperation with the Austrian Federal Ministry of Transport, Innovation and Technology.
- *International Conference on Challenges of Urbanization in Arab Gulf Countries, March 23-25 2014*. German University of Technology, Muscat Oman.
- *Hosting Major International Events Conference: Innovation, Creativity and Impact Assessment*, January 2013. Organized by Housing & Building national Research Center, Cairo, Egypt.
- *4th Annual Conference of the Health and Care Infrastructure Research and Innovation Centre*. Manchester, 26-28 September 2011.
- *HaCIRIC's 2010 International Conference: Better healthcare through better infrastructure*, September 2010, Edinburgh, UK.

COMPUTER LITERACY

ARCHITECTURE:

- AutoCAD 2D & 3D, Adobe Photoshop., 3D Studio Max, Ecotect software, Sketchup.

RESEARCH:

- SPSS, DepthMap (Space Syntax analysis software), Sawtooth Software Package (Conjoint Analysis), Latent Gold software, EndNote, M.S. Office Package including Visio.

PUBLICATION

PUBLISHED REFEREED JOURNAL PAPERS

- Alalouch, C. and Aspinall, P. (2007). Spatial attributes of hospital multi-bed wards and preferences for privacy. *Facilities* **25:9/10**, 345-362.
- Alalouch, C., Aspinall, P. and Smith, H. (2009). On locational preferences for privacy in hospital wards. *Facilities* **27:3/7**, 88-106. Special Issue: The value of facilities and estates to patient care and well-being.
- Laude A., Alalouch, C., Dhillon, B. and Aspinall, P. (2009). Human Faces: An Eye Tracking Study. *Ophthalmology* **116:9**, 1835.
- Nordh, H., Alalouch, C. and Hartig T. (2011). "Assessing Restorative Components of Small Urban Parks using Conjoint Methodology". *Urban Forestry and Urban Greening* **10**, 95-103.
- Thomson, D., Kaka, A., Pronk, L., Alalouch, C. (2012). The use of freelisting to elicit stakeholder understanding of the benefits sought from healthcare buildings. *Construction Management and Economics* **30:4**,309-323
- Aspinall, P., Borooah, S., Alalouch, C., Roe, J., Laude, A., Gupta, R., Montarzino, A., and Dhillon, B. (2014). "Gaze and pupil changes during navigation in age-related macular degeneration". *British Journal of Ophthalmology* **98:10**, 1393-1397, doi:10.1136/bjophthalmol-2014-305032.
- Saleh, M., S. and Alalouch, C. (2015). "Towards sustainable construction in Oman: Challenges & Opportunities". *Procedia Engineering*, Volume 118, Issue C, p. 178-185, DOI: 10.1016/j.proeng.2015.08.416
- 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**, 1-22.
- Alalouch, C., Aspinall, P. and Smith, H. (2016). "Design Criteria for Privacy-Sensitive Healthcare Buildings ". *International Journal of Engineering and technology* **8:1**, 32-39.
- Alalouch, C., Saleh, M. S., Al-Saadi, S. (2016). Energy-efficient house in the GCC region. *Procedia - Social and Behavioral Sciences* **216**, 736-743. doi:10.1016/j.sbspro.2015.12.071
- Abbasi, A., Alalouch, C., Bramley, G. (2016). Open space quality in deprived urban areas: user perspective and use pattern. *Procedia - Social and Behavioral Sciences* **216**, 194-205. doi:10.1016/j.sbspro.2015.12.028
- Alkamali, N., Alhadharami, N., Alalouch, C., (2017). Muscat City Expansion and Accessibility to the Historical Core: Space Syntax Analysis. *Energy Procedia*, Volume 115, p. 480–486, DOI: https://doi.org/10.1016/j.egypro.2017.05.044
- Alalouch C. (submitted). Pedagogical approach to integrate parametric thinking in early design studios. *Journal of Architectural and Planning Research*.

- Alalouch C., and Al-Saadi, S (Submitted). The business case for energy-efficient house in hot climates: the case of Oman. Renewable and Sustainable Energy Reviews.

CONFERENCE PROCEEDINGS

- Thomson, D., Pronk, L. and Alalouch, C. (2010). "Quantifying the Benefits of Healthcare Infrastructure Investment". Proceedings of HaCIRIC's 2010 International Conference: Better healthcare through better infrastructure, September 2010. Edinburgh, UK.
- Thomson, D., Kaka, A., Pronk, L. and Alalouch, C. (2011). "The Benefits Quantification Method: A practical approach to engaging stakeholders in the judgment of benefits realization". Proceedings of 4th Annual Conference of the Health and Care Infrastructure Research and Innovation Centre. Manchester, 26 September, pp. 224-243.
- Alalouch C., Aspinall P. A., Smith H. (2014). Design Criteria for Privacy-sensitive Healthcare Building. Proceedings of 2014 Second International Conference on Civil and Architectural Engineering, Edt Du Li, 27-28 September 2014. Bali, Indonesia. IACSIT Press.

BOOKS AND CHAPTERS IN BOOKS

- Sotoca, A., Naselli, F., Alalouch, C., Mohareb, N., and Amer, M. S., Edit. (2017). "Alternative & Renewable Energy Quest in Architecture & Urbanism". Elsevier, ISSN 1876-6102.
- Alalouch, C. (2011). "Hospital Ward Architecture: A Mixed Methods Approach for Spatial Design and Privacy", LAP LAMBERT Publishing, ISBN: 978-3844330175.
- Alalouch, C., (2017). "A Framework for Urban Regeneration Through Ephemeral Design", in Naselli, F., Amer, M., Trapani, F., Edit. "Ephemeral Design for Urban Regeneration", Springer (expected publication date: November 2017).

TECHNICAL REPORTS

- An Inception Report on SQU Streetcar System (2016). Submitted to: H.E. The Vice Chancellor of Sultan Qaboos University. With AlBadi, A., Al-Abri, R., Masoud, M., AlBadi, M., Al-Hinai, N., Piya, S., Hassan, H., and Al-Nuaimi, A.
- SQU Eco-house Competition: Research & Development Plan (2016), Edit. Submitted to The Research Council (TRC) in Oman as part of the Oman Eco-house competition phase-II.
- Research report for the Macular Disease Society, UK. (2009). Avoidance of falls: Investigating improvements in mobility and safety for people with AMD using eye-tracking methodology. With Dhillon, B., Aspinall, P., and Laude, A.
- Final research deliverable for the Health and Care Infrastructure Research and Innovation Centre (HaCIRIC), UK. (2010). Benefit Quantification Method for Healthcare Infrastructure. With Kaka, A., Thomson, D., and Pronk, L.

FUNDING GRANT, CONSULTATION AND CONTRACT SUPPORT

- The Appealing Court, the Council of Administrative Affairs for the Judiciary, Oman (Spring 2016-Spring 2017). Value 30000 O.R. (78000 \$).
- Sawtooth Grant (2007), Sawtooth Software Inc., Utah, USA.
The grant worth \$25.000 and is awarded to outstanding researches worldwide to support their research activities by providing access to software packages.
- James Watt Full Scholarship (2006-2008), Heriot-Watt University, Edinburgh, UK.

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