



CURRICULUM VITAE (CV)

DR. CHAHAM ALALOUC

Associate Professor in Architectural Engineering
Civil and Architectural Engineering Department
Sultan Qaboos University

Editor-in-Chief of Open House International

November 2024

Notes

- This CV starts with a Summary, followed by the Table of Contents.
- SQU = Sultan Qaboos University, Muscat, Oman.

SUMMARY

GENERAL INFORMATION

Name	Chaham Alalouch
Date of birth	March 28, 1979
Current Post	Associate Professor in Architectural Engineering
College and Department	College of Engineering, Department of Civil & Architectural Engineering
PhD award date, institute, and country	June 2009, Heriot-Watt University, Edinburgh, UK
Years of teaching & research experience	10+ years (Oman, Syria and the UK)

SUMMARY OF TEACHING AND LEARNING ACHIEVEMENTS

- Awarded “**Distinguished Academician Award**” by Sultan Qaboos University 2019, and another 6 Awards (4 national and 2 international) for supervising student winning projects; and letters of Appreciation for H.E. the Vice Chancellor of SQU (2014) and form DVC of Academic Affaire and Community Services (2021) for my role in ABET accreditation of the Architectural Engineering Program.
- Consistently excellent student evaluation. My evaluations have been higher than the Department and College averages in almost all courses.
- Play a leading role in the ABET accreditation of the architectural Engineering Program.
- Taught 15 different undergraduate and postgraduate courses.
- Developed new courses and revised others; and participated in developing a new MSc program at SQU.
- Variety and diversity of innovative teaching methods. Samples of my work in this field was requested by the coordinator of the department’s Strategic Plan Committee to be used as evidences for innovation in teaching methods in the Civil and Architectural Engineering Department at SQU.
- More than ten years of experience in university teaching and learning in three countries (Oman, Syria and the UK); including design studio, technical, and theoretical courses as well as supervising industrial training and PhD/MSc theses.
- Appointed as a member of the Register for External Reviewers of Oman Academic Accreditation Authority (OAAA); and Coordinator of Quality Assurance and Accreditation for the architectural engineering program since fall 2019.

SUMMARY OF SCHOLARLY ACHIEVEMENTS:

- Current *Google Scholar* **h-index is 19, i10-index is 21** and citations is **1828**.
- Current *Scopus* h-index is 13, citations is 986.
- Current *ResearchGate* h-index is 16, Research Interest Score is 1157 and Reads are 55,000+.
- **Editor-in-Chief** of “*Open House International*” journal, Associate Editor in “*ICE Urban Design and Planning*” journal, Editorial Review Board member for “*Arch-net IJAR*” journals, , Editorial Advisory Board member for “*Ekistics and the New Habitat*” journal, and Editorial Board member of “*Urbanization, Sustainability & Society*” journal
- Awarded a total research grants and **project fund of 872,861 \$** from internal and external sources since I joined SQU (as a PI and Co-I), 6 of the projects are completed.
- Awarded **The Best Researcher Award 2024** by Sultan Qaboos University on May 8, 2024 at the University Day.
- Awarded **The National Research Award 2020** in the research area: Energy & Industry Sector (PhD-holders category) by the Ministry of Higher Education, Research and Innovation in Oman.

- Awarded **The Outstanding Reviewer Award 2021** by Emerald Publishing, UK, for arch-net IJAR in the Literati Network Awards for Excellence.
- Awarded the **Emerald Highly Commended Paper Award 2010** by Emerald Publishing, UK, in the Literati Network Awards for Excellence.
- PhD thesis awarded the **MacFarlane Prize 2009** by Heriot-watt University, Edinburgh, UK.
- I have been ranked the 1st researcher in Oman, and researcher #65 in Asia and research #341 in the World in "Architecture" by the Alper-Doger Scientific Index 2024. <https://www.adscientificindex.com/scientist.php?id=360677>
- 27.3% of my publications are among the top 10% most cited worldwide, 54.5% of my publications are among the top 10% most viewed publications worldwide, 55.6% of my publications were published in the top 10% journals by CiteScore percentile, and 63.6% of my publications have international collaboration. This statistics are based on SciVal data for the period 2018-2021.
- One of my research article was selected by Elsevier in April 2021 to join RELX Sustainable Development Goals Resource database (<https://cutt.ly/nbkKwIg>).
- My research articles were featured in Elsevier newsletter, Elsevier Engineering twitter account, The Australian Architectural Science Association newsletter, the Spanish online magazine "The Smart City Journal", and the "Scientific Insights" newsletters by the Ministry of Higher in Oman.
- I published in the Journal of Cleaner Production, which is listed as Top Journal in Google's Scholar's Sustainable Development category in 2020 and number 42 of the top 100-journal list of Google Scholar across all categories and all disciplines with Nature being the top of the list. I also review for this journal.
- Published many referred journal and conference papers as well as several technical reports, edited books and conference proceedings, and posters.
- Referred for several reputable journals, research proposals, academic promotion application, book proposals, reports, and acted as a member of the scientific committee in 18 conferences.
- I was invited as a Keynote Speaker in international conferences (Cyprus, Spain, Italy, Kuwait, & Oman), chaired specialized sessions in several conferences (UK, Spain & Oman) and held invited talks in many countries (UK, Turkey, UAE, Qatar, Oman).
- Published with male/female colleagues/students from 18 countries (Oman, UK, USA, Spain, New Zealand, Australia, Jordan, Sweden, Norway, Italy, France, USA, Saudi Arabia, Egypt, Lebanon, Singapore, Indonesia, and Malaysia).
- Co-Editors of the refereed book series "Advances in Science, Technology & Innovation (ASTI): EREK Interdisciplinary Series for Sustainable Development" (ISSN: 2522-8714) by Springer.

SUMMARY OF UNIVERSITY & COMMUNITY SERVICES

- Chaired, coordinated and acted as a member in 28 committees at university, college, department, and program levels.
- Participated in the organization of conference organizing and chaired committees in several international conferences.
- Delivered public lectures, a podcast, TV interviews and radio talks.
- Letter of appreciation from the Dean of the College of Engineering at SQU for producing the conceptual design of the new student workshop building in 2019.
- Letter of appreciation from the Dean of the College of Engineering at SQU for my outstanding contribution to the College in 2017.

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1. PERSONAL INFORMATION

- **Name:** Chaham Rajab Alalouch (شهم رجب العلوش)
- **Title:** Associate Professor in Architectural Engineering
- **Date & Place of Birth:** 28/03/1979, Aleppo, Syria
- **Telephone No.:** +968 2414 2656
- **Mobile/GSM No.:** +968 92085 769 **Fax:** +968 2414 1331
- **Email:** c.alalouch@squ.edu.om / ch.alalouch@googlemail.com
- **Address:** Department of Civil and Architectural Engineering
Sultan Qaboos Uni., P.O. Box 33, Al-Khod 123, Muscat, Oman

2. EDUCATION AND EMPLOYMENT INFORMATION

2.a) Education

- 2009, Ph.D., Architectural Engineering, Heriot-Watt University, School of the Built Environment (Now: School of Energy, Geoscience, Infrastructure and Society), Edinburgh, Scotland, UK. Thesis title: "Hospital Ward Design: Implications for Space and Privacy". PhD thesis has been awarded the MacFarlane Prize 2008/2009.
- 2004, Postgraduate Diploma (2 years), Architectural Design, University of Aleppo, Faculty of Architectural Engineering, Syria.
- 2002, Bachelor of Science, Architectural Engineering, University of Aleppo, Faculty of Architectural Engineering, Syria.

2.b) Employment

- Associate Professor in Architectural Engineering (01 June 2021- on going). Department of Civil and Architectural Engineering, College of Engineering, Sultan Qaboos University, Muscat, Oman. The program is ABET accredited since 2007.
- Assistant Professor in Architectural Engineering (Sep. 2013- May2021). Department of Civil and Architectural Engineering, College of Engineering, Sultan Qaboos University, Muscat, Oman.
- Assistant Professor in Architecture Design (2011- 2013). Faculty of Architecture, Ittihad Private University (IPU), Aleppo/Rakkah, Syria.
- Research Associate (2008- 2010). Heriot-Watt University, School of the Built Environment, Edinburgh, UK.
- Architectural Assistant (2006- 2007), part time. Hays Specialist Recruitment, UK (JM Architects Ltd, Davidson Design Partnership Architects, Hurd Rolland Partnership Architects, Scotland, UK).
- Architectural Engineer (2002- 2004). Technical Service Department of Aleppo, Aleppo Municipal, Ministry of local administration and Ecology, Syria.
- Architectural Engineer (2002- 2004). Aleppo University Design Consultancy Units, Faculty of Architectural Engineering, University of Aleppo, Aleppo, Syria.
- Assistant Architectural Engineer (2000- 2002). Aleppo University Design Consultancy Units, Faculty of Architectural Engineering, University of Aleppo, Aleppo, Syria.

3. TEACHING AND LEARNING

3.a) Active Participation in University Teaching & Learning

3.a.1. Teaching

At Sultan Qaboos University

#	Course code and name	Semester	Year
1	AREN5116: Graduation Project-II	Fall	Several times
2	AREN4115: Graduation Project-I	Spring	Several times
3	AREN4306: Spatial Analysis Techniques ¹	Fall	2016
4	AREN4305: Interior Design ¹	Fall	Several times
5	ENGR4006: Industrial Training-II	Summer	Several times
6	AREN3312: Intro. to Computer Aided Arch. Design	Fall	Several times
7	AREN3113: Architectural design-III	Spring	Several times
8	CIVL3002: Drawing-I	Fall	2015
9	AREN2411: History of Art and Arch.-I	Spring	Several times
10	AREN2313: Architectural Graphics	Spring	Several times
11	AREN2312: Architectural Drawing	Fall	2015
12	AREN2111: Architectural Design-I	Spring	Several times
13	AREN6212: Human Factors of the Built Environment ²	Fall	Several times
14	AREN7001: Research Thesis ²	Fall	Several times
15	AREN3112: Architectural design-II	Fall	Several times

¹ Elective course ² MSc course

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

ENGAR325: Interior Design

ENGAR123: Introduction to Architectural Design

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

Tutor and approved marker (coursework and examination scripts) for the following courses:

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

3.a.2. Supervision of Postgrads students

- Co-supervising a PhD thesis titled “Towards Socially Sustainable Smart Cities: Observations and Potentials from Digitizing Participatory Planning” (Jan 2017-Dec. 2020). Student name: Islam Bouzguenda. Completed. University of Girona, Spain.
- Main supervisor of MSc theses:
 - Title: Towards Smart Sustainable Cities: a Framework to Integrate Digital Citizen Participation in Oman’s Urban Planning Strategy, student name: Nabras Sameer Mahmod. Completed, Spring 2022.
 - Title: Brainwaves, Golden Ratio, and Aesthetic Values in Architectural Design: an Electroencephalogram (EEG) Study, student name: Tahra Al-Busafi. Completed, Spring 2022.
 - Title: Towards a Local Rating System in Oman: Co-creation of Sustainability Components, student name: Dana Abdullah Said Al Araimi. Completed, Fall 2020.

3. Co-supervisor of MSc theses:

- Title: “Framework for Evaluating Strategies for Dealing with Unbuilt Allocated Residential Lands in Sultanate of Oman”, student: Reham Al Kalbani. Completed on May 2024.
- Title: “An interactive collaborative application of BIM-based virtual reality in architecture, engineering, and construction industry in Oman”, student: Jawaher Al Hajri. Completed, Spring 2022.
- Title: “Microclimate strategies for mitigating urban heat island and reduced energy consumption of residential buildings”, student: Sundos Al-Habsi. Completed, Spring 2021.

3.a.3. Supervision of Graduation Projects

Supervise more than 40 Graduation Projects in both AREN5116 and AREN4115 courses at SQU covering various building types and scale.

3.a.4. Supervision of Extra-curricular activities

Supervision of Award Winning Students' Society Projects:

1. Eco-pavilion, academic year 2016-2017. SQU students team: Hafsa Al-Balushi, Alaa Al-Seed, Sundos Al-Habsi, Reem Al-Hashmi, Shadha Al-Saifi, Azza Al-Hadhrani.
2. Urban Pavilion, academic year 2017-2018. SQU student team: Najla Al-Zidi, Sheikha Al-Ghaithi, Manar Al-Rasbi, and Kawther Al-Qassabi.

Supervision of Internal and External Students' Design Competitions

3. “SQU Innovation & Technology Transfer Centre: Architectural Design Concept”, April 2019. With Prof. Ali Al-Nuaimi and Dr. Mohamed Salah. Organized by SQU.
4. “Envisioning Muscat 2040 competition”, April 2017, Muscat, Oman. Organized by Muscat Municipality and Royal Institute of British Architects (RIBA).
5. “Study Pavilion at SQU Campus Students Competition”, Dec. 2015. With Dr. Ali Al-Nuaimi Eng. Afrah Abdullah Al Salmi, Eng. Rolando Ferreras Aquino, Ms. Khalsa AL-Hinai. Organized by SQU.

3.b) Students and Peer Evaluation

1. Constantly excellent student evaluation. Average in the last evaluated three years (all courses are valid): “This instructor is a good teacher”: 3.7/4; “Overall Score”: 3.6/4.
2. Excellent peer evaluation. My teaching was assessed as “Effective” by the three reviewers in almost all categories. The peer evaluation was conducted in April 2015. The reviewers have identified the following strength points:
 - Diversity in teaching delivery methods.
 - Impressive use of Audio/Visual technologies in teaching.
 - Successful lesson organizing to relate subject matter.

3.c) Recognition and Awards in University Teaching and Learning

1. Awarded “**Distinguished Academician Award**” by Sultan Qaboos University 2019 on the 19th University Day celebration.
2. Letter of Appreciation for effective participation in the ABET accreditation of the Architectural Engineering Program (2014), from H. E. the Vice Chancellor of Sultan Qaboos University.
3. Letter of Appreciation for my significant contribution in the academic accreditation process (ABET) for the architectural engineering program (2021), from the DVC of Academic Affairs and Community Services.
4. Six Awards with students:

- First Place (Duqm Refinery Award for Innovation): “The 9th Engineering Gathering” organized by the College of Engineering at Sultan Qaboos University from 8-10 April 2019. Project title “Urban Pavilion”. In total 49 projects from different engineering disciplines and from 6 countries participated in the competition. SQU students’ team: Najla Al-Zidi, Sheikha Al-Ghaithi, Manar Al-Rasbi, and Kawther Al-Qassabi.
- First Place: “Envisioning Muscat 2040 competition”, 4-5 April 2017, Muscat, Oman. Organized by Muscat Municipality and RIBA. SQU students’ team: Faiza Al-Balushi, Najlaa Al-Subhi, Bashayar Al-Naaimi, and Aaisha Al-Shammakhi.
- Second Place: “The 7th Engineering Gathering” organized by the College of Engineering at Sultan Qaboos University from 23 April to 27 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. SQU students’ team: Hafsa Al-Balushi, Alaa Al-Seed, Sundos Al-Habsi, Reem Al-Hashmi, Shadha Al-Saifi, Azza Al-Hadhrani.
- 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 students’ 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 students’ 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. Students’ team: Ghassan Al Mazrooe, Almonther Al Siyabi, As’ad Al Abri.

3.d) Participation in Curriculum Development/Review and Teaching Management

3.d.1. Development of New Programs

1. Chair of the “PhD Program in Architectural Engineering Proposal” Committee (Fall 2023, ongoing).
2. Member of the MSc Program in Architectural Engineering Proposal Committee (Fall 2013- Fall 2017). The program has been approved and it is up and running since Fall 2018.

3.d.2. Introducing and Developing New Courses

Postgraduate Courses:

1. AREN6212: Human Factors of the Built Environment

Undergraduate Courses

2. AREN4306: Spatial Analysis Techniques
3. AREN4305: Interior Design
4. AREN2312: Architectural Drawing
5. AREN2313: Architectural Graphics

3.d.3. Academic Programs Review committees and Reports

External

1. A review report for the Ministry of Higher Education (MHE), Oman, 2024, as an External Reviewer to assess a new PhD Program in Urban Planning and Architectural Design, as part of the licensing process of new programs of study submitted by Private Higher Institutes. (Ministerial Qarar No. 9/2024).

2. External Reviewer for the Bachelor of Science in Interior Architecture Engineering Program for the Department of Architectural Engineering, College of Engineering, Dhofar University, Oman (Report submitted on 13 April 2023).
3. External Reviewer for the Bachelor of Science in Architectural Engineering Program for the Department of Architectural Engineering, College of Engineering, Dhofar University, Oman (Report submitted on 13 April 2023).
4. External Reviewer for the new Master of Science in Architectural Engineering program for the Department of Architecture & Interior Design, College of Engineering and Architecture University of Nizwa, Oman (Report submitted on 8 December 2022).
5. Member of the External Advisory Committee to assess the Interior Design Program at The Scientific College of Design, Muscat, Oman (since Spring 2019).
6. A review report for the Ministry of Higher Education (MHE), Oman, 2018, as an External Reviewer to assess a new Postgraduate Program (MSc in Sustainable Architectural Design), as part of the licensing process of new programs of study submitted by Private Higher Institutes. (Ministerial Qarar No. 8/2018).
7. A review report for the Ministry of Higher Education (MHE), Oman, 2015, as an External Reviewer to assess a new Undergraduate Program (B.Sc. in Interior Design), as part of the licensing process of new programs of study submitted by Private Higher Institutes. (Ministerial Qarar No. 12/2015). In Arabic.

Internal

8. Member in the Architectural Engineering Design Courses Review Committee (FL2016- on going).
9. Member in the Architectural Engineering Graduation Project Courses Review Committee (FL 2016- on going).
10. Member in the Architectural Engineering Degree Plan Review Committee (SP 2014-SP 2015).

3.e) Leadership in University Teaching and Learning

3.e.1. Leading Role in Organization of Conferences in Teaching and Learning

1. Chair of the Publicity Committee and member of the Scientific Committee of the 28th Arab Engineering Conference: Engineering Education and its Impact on Building Knowledge-based Economy in the Arab World, Muscat 11-13 December 2018.

3.e.2. International Design Schools and Local Workshops

1. 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.
2. 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.
3. Conduct “Introduction to Parametricism for Space Designers” workshop at the SCD Multi-Theme Design Conference, Muscat, Oman 28 November 2016.
4. Conduct “Parametricism for Interior Designers” workshop at Scientific College of Design (for the B.Sc. in Interior Design students), Muscat, Oman 29 Nov. 2015.

5. Conduct “Parametric Design simplified” workshop at SQU, Muscat, 6 April 2015.

3.e.3. National Academic Program Accreditation

1. Appointed as a member of the Register for External Reviewers of Oman Qualifications Framework (OQF) by Oman Authority for Academic Accreditation and Quality Assurance of Education (**OAAAQA**)
2. Appointed as a member of the Register for External Reviewers of Oman Authority for Academic Accreditation and Quality Assurance of Education (**OAAAQA**) for institutional Standard Assessment (ISA) -Since Spring 2016-, and Program Standard Assessment (PSA)- Since Fall 2022.

3.e.4. Membership of Teaching and Learning Committees

1. Coordinator of the Architectural Engineering Program Quality Assurance and Accreditation Committee (2020-on going).
2. Associate Co-coordinator of the Architectural Engineering Program Accreditation Committee (2017-2020).
3. Member of the SQU Civil and Architectural Engineering Department Curriculum Committee (2013-2017).
4. Member of the Architectural Engineering Program Accreditation Committee (2013-2017).
5. Coordinator of the Architectural Design, History and Theory courses focus group (2014-2020).
6. Member of the Examination Jury committee for AREN5116: Graduation Project-II and AREN4115: Graduation Project-I courses at the AREN program since Fall 2013.

3.e.5. External Examiner/Juror in other Higher Education Institutes

Participated many times as an external examiner/juror in Nizwa University, Higher College of Technology, and The Scientific College of Design, Oman.

3.f) Academic Advising

1. Academic Advisor for an average of 20 students/semester including students on Probation.
2. Member of the College of Engineering Advising Committee (2016- 2017).
3. Member of the Civil and Architectural Engineering Dep. Advising Committee (2016- 2017).

3.g) Scholarship in University Teaching and Learning

1. Published a single-author refereed paper in a Q2 journal on engineering education
Alalouch, C. (2021). Cognitive Styles, Gender, and Student Academic Performance in Engineering Education. *Education Sciences*, 11(9), 502; <https://doi.org/10.3390/educsci11090502>
2. Published a single-author refereed paper in a Q1 journal on architectural education.
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>
3. Co-authored a conference paper on studio education.
Abbasi, A., Alalouch, C., and Saleh, M. S. (2019). “Placemaking as an Educational Approach in Design Studio”. International Conference on Civil and Architectural Engineering, Langkawi, Malaysia, 18-19 October 2019.
4. Co-edited a conference proceedings on Engineering Education in the Arab World which was resulted from the refereed 28th Arab Engineering Conference, Muscat 11-13 December 2018.

Al-jabri, K., Perves, T., Alalouch, C., Waris, M., B. (Eds.). (2018). “Engineering Education and its Impact on Building Knowledge-based Economy in the Arab World”, Muscat, Oman Society of Engineers, ISBN: 978-99969-1-962-6.

3.h) Personal Professional Development in University Teaching and Learning

1. Completed the “Capacity Building Workshop for Oman Qualification Framework Listing and Alignment Panel”, by Oman Authority for Academic Accreditation and Quality Assurance of Education (OAAAQA). Holiday Inn hotel, 22-24 January, 2024.
2. Completed “Implementing SQU Teaching Philosophy and Teaching and Learning Methodologies” workshop, organized by SQU Center for Excellence in Teaching Learning, Avani Hotel, November 09, 2023.
3. Astorlabe: Personal Skills Development Program-Effective Communication and Teamwork. Organized by Oman Sail and Sultan Qaboos University, Barceló Resort, Oman, 16-17 Dec., 2022.
4. Continuous Professional Development Seminar under the title “Introduction to Fellowship of Higher Education Academy (FHEA)”, Sultan Qaboos University, Oman. Delivered by Dr. Mahmoud Masoud (FHEA), 15 May 2018.
5. Participated in “IEEE Symposium on Engineering Education (ISEE’18) Graduates & Future Employment”, 13 March 2018, Military Technical College, Muscat, Oman. Delivered by experts from the UK, Kazakhstan and Oman.
6. Participated in the “UKPSF and the Higher Education Academy Fellowships”, 21st March, 2018, Military Technical College, Muscat, Oman. Delivered by experts from the UK (Dr André Van der Westhuizen and Phil Verrill).
7. Completed the workshop “Oman Academic Accreditation Authority (OAAA)’s Role in the Quality Assurance of Higher Education in Oman”, Muscat, Oman, 11 December 2018. By: Dr. Salim Radhawi & Ms. Jenny Walker, OAAA, Oman
8. Completed the workshop “Active Learning Strategies”, Muscat, Oman, 11 December 2018. By Dr. Joseph Jervase & Prof. Tasneem Pervez.
9. Completed “Improving Teaching and Learning with Technology”, 25-26 April 2018 (12 hours), Centre for Staff Development at Sultan Qaboos University, Oman. Delivered by Dr. Khalid Al-Saadi, expert in using technology in Teaching.
10. Completed “Alternative Instructional Strategies”, Thursday 18 May 2017 at Sultan Qaboos University, Muscat. By Prof. Nikos J. Mourtos, Professor and Director of Aerospace Engineering, San Jose State University.
11. Completed “Critical Thinking Skills for the 21 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.
12. Completed “Preparing Engineering Student for the 21st Century: How to teach engineering students processing skills” workshop, 26 to 28 May 2015. By Prof. Nikos J. Mourtos, Professor and Director of Aerospace Engineering, San Jose State University. Sultan Qaboos University, Muscat.
13. Completed “Creating Engaging Presentation with Prezi” workshop (Spring 2014), Sultan Qaboos University.
14. Completed “Turnitin” workshop in Spring 2014, organized by Center for Information Systems (CIS) at SQU. Turnitin is an internet-based plagiarism-prevention service.

15. Completed “Designing Sustainable Places: Principles & Methodologies of Place making” workshop, 2009. The University of Dundee, UK, Stirling.
16. Completed “Learning Enhancement and Development Skills 2 (LEADS 2)” course, 2007. Heriot-Watt University, Edinburgh, UK.
17. Completed “Introduction to Teaching Skills (ITS)” course, 2006 (Duration: 5 weeks). Heriot-Watt University, Edinburgh, UK.
18. Completed “Edinburgh Grad School: the UK Grad Program”, 2006 (Duration: 3 days, residential). The University of Edinburgh, Scotland, UK.

4. SCHOLARSHIP

4.a) Research interest

My main research area is to understand how to improve people’s quality of life through **sustainable and smart built environment (buildings and cities)**. I believe that the built environment is made for people and it should be designed and constructed as such. I have authored, co-authored, and co-edited a number of peer-reviewed articles, books, proceedings and technical reports covering a wide range of topics related to my broad area of interest and covering the sustainable and smart design and construction of both buildings and cities. I have also published in engineering and architecture design pedagogy; and on parametric design education.

4.b) Impact in Scholarship

1. H-indexes as in April 2024.
 - Google Scholar: <https://scholar.google.com/citations?user=8xqUq7EAAAAJ&hl=en>
Current h-index: 19, i10-index: 21, citation: 1828.
 - Scopus Profile: <https://www.scopus.com/authid/detail.uri?authorId=17433530100>
Current h-index: 13, citation: 986.
 - Research Gate: https://www.researchgate.net/profile/Chaham_Alalouch
Current h-index: 16, Research Interest Score: 1157, reads: 55,000+.
 - ORCID ID: <https://orcid.org/0000-0002-2234-0351>
2. I have been ranked the 1st researcher in Oman, researcher #65 in Asia in "Architecture", and researcher # 341 in world by the Alper-Doger Scientific Index 2024.
https://www.adscientificindex.com/scientist/chaham-alalouch/360677?fbclid=IwAR0p5IKEU9FLj4zBA2zzw4fPOSyHKU2W_ymf_1U7_-U_-jiCdPAKKjOolX0
3. 27.3% of my publications are among the top 10% most cited worldwide, 54.5% of my publications are among the top 10% most viewed publications worldwide, 55.6% of my publications were published in the top 10% journals by CiteScore percentile, and 63.6% of my publications have international collaboration. This statistics are based on SciVal data for the period 2018-2021.
4. One of my research papers has been selected by Elsevier to join RELX Sustainable Development Goals Resource database (<https://cutt.ly/nbkKwIg>) in April 2021.

5. I was featured in Elsevier Engineering twitter account (<https://cutt.ly/fbkKpC5>) and newsletter (<https://www.journals.elsevier.com/sustainable-cities-and-society/news>)- April 2021.
6. One of the books (proceedings) that I edited as the lead editor titled: "Advanced Studies in Energy Efficiency and Built Environment for Developing Countries" is among the top used publications on SpringerLink that concern two of the United Nations Sustainable Development Goals in 2020 (SDG7: Affordable and Clean Energy, and SDG13: Climate Action) as classified by Springer Nature.
7. Featured in Scientific Insights – A periodical newsletter issued by the Ministry of Higher Education, Research and Innovation, Oman. Dialogue with a Researcher section. Issue 30 April 2021.
8. One of my co-authored papers has been featured in the first page of the newsletter of *The Australian Architectural Science Association ASA (ANZAScA)* (<http://anzasca.net/>), 2nd quarter 2018, V 4 No 2. ASA (ANZAScA) is an international non-profit organization, which has a wide readership in Australia and New Zealand. Paper title: Sick Building Syndrome: Are We Doing Enough? Published in *Architectural Science Review* in 2018. <https://anzasca.net/newsletters/2018/2018-2.pdf>
9. Several TV and radio interviews, a podcast, and media addressing my scholarly activities.
10. One of my papers on smart cities was featured in the Spanish online magazine *The Smart City Journal* (<https://www.thesmartcityjournal.com/en/>) in June 2019. <https://bit.ly/36isuN9>. The paper discusses the role community engagement practices have as one of the key components of social sustainability and acknowledges that the participation of the digital citizen is a key to the social sustainability of smart sustainable cities.
11. Another paper on Smart cities was also featured in the same online magazine *The Smart City Journal* in April 2021 (<https://shorturl.at/epJK2>). The paper study evaluates the impact of using 3D digital participatory planning (3DDPP) on planning practices in smart cities to improve social sustainability.

4.c) Scholarly Work

4.c.1. Papers Under-review

- Shi, X., Teck Ling, G., Alalouch, C., Leng, P., Lim, S., Rashid, M., Rahmat, A. (Under-review). Smart Cities and Public Participation: A Comprehensive Review through Bibliometrics and Social-Ecological System Framework. *Journal of Cleaner Production*.
- Noaime, E., Alalouch, C., Mesloub, A., Hamdoun, H., Gnaba, H., Alnaim, A. (Under-review). Sustainable cities and urban dynamics: the role of the café culture in transforming the public realm. *Ain Shams Engineering Journal*.
- Alnaim, M., M., Mesloub, A., Alalouch, C., Noaime, E. (Submitted). Reclaiming the Urban Streets: Evaluating Walkability in Hail City's Streetscapes. *Alexandria Engineering journal*
- Sameer, N., Alalouch, C., Saleh, and Al-Saadi, S. (Under-review). 3D Digital Participatory Planning in Smart and Sustainable Cities: An Evaluation Empirical Study in Oman. *ICE urban Planning and Design*.

4.c.2. Published Refereed Journal Papers

1. Al-Hajri, J, Salah, M, **Alalouch, C.**, Al-Saadi, S. (2024). Bridging the Affective Appraisal Gap: A Case Study in Oman to Enhance the Architect-User Interaction through Virtual Simulation. *The International Journal of Architectonic, Spatial, and Environmental Design* 18 (2): 125-142. <https://doi.org/10.18848/2325-1662/CGP/v18i02/125-142>.

2. Al Hasim A., **Alalouch C.** (2024). A Pathway to Urban Sustainability: Understanding the Challenges of Unpopulated Allocated Residential Lands in Oman. *Cities*, 149, 104921. <https://doi.org/10.1016/j.cities.2024.104921>
3. Sameer, N., **Alalouch, C.**, Al-Saadi, S., & Saleh, M. S. (2023). Toward Smart Sustainable Cities: Assessment of Stakeholders' Readiness for Digital Participatory Planning. *Archnet-IJAR: International Journal of Architectural Research*, Vol. ahead-of-print. <https://doi.org/10.1108/ARCH-06-2023-0159> (Q1 journal)
4. Sameer, N., **Alalouch, C.**, Saleh, M. S., Al-Saadi, S., and Saleem, A. (2022). Towards Sustainable Smart Cities: A Contextual Study on Digital Participatory Planning Policies and Readiness Assessment in Oman. *ICE Urban Design and Planning*, 175(2), pp. 72–90. <https://doi.org/10.1680/jurdp.21.00040> (Q2 journal)
5. Bouzguenda, I., Fava, N. & **Alalouch, C.** (2022). Would 3D Digital Participatory Planning Improve Social Sustainability in Smart Cities? An Empirical Evaluation Study in Less-advantaged Areas. *Journal of Urban Technology*. 29(3), pp. 41-71. <https://doi.org/10.1080/10630732.2021.1900772> (Q1 journal)
6. **Alalouch, C.** (2021). Cognitive Styles, Gender, and Student Academic Performance in Engineering Education. *Education Sciences*, 11(9), 502. <https://doi.org/10.3390/educsci11090502> (Q2 journal)
7. Bouzguenda, I., **Alalouch, C.**, & Fava, N. (2020). Examining digital participatory planning: Maturity assessment in a Small Dutch city. *Journal of Cleaner Production*, 264:121706. <https://doi.org/10.1016/j.jclepro.2020.121706> (Q1 journal)
8. 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. <https://doi.org/10.24200/tjer.vol17iss1pp1-10> (Q3 journal - Corresponding author).
9. **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)
10. **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)
11. 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)
12. 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 - Corresponding author)
13. **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)

14. 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)
15. **Alalouch, C.**, Aspinall, P. and Smith, H. (2016). Design Criteria for Privacy-Sensitive Healthcare Buildings. *International Journal of Engineering and Technology*, 8(1), p. 32-39. <https://doi.org/10.7763/IJET.2016.V8.854>
16. **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)
17. 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), p. 1393-1397, <https://doi.org/10.1136/bjophthalmol-2014-305032> (Q1 journal)
18. Thomson, D., Kaka, A., Pronk, L., and **Alalouch, C.** (2012). The use of freelist to elicit stakeholder understanding of the benefits sought from healthcare buildings. *Construction Management and Economics*, 30(4), p. 309-323. <https://doi.org/10.1080/01446193.2012.658824> (Q1 journal)
19. Nordh, H., **Alalouch, C.** and Hartig T. (2011). Assessing Restorative Components of Small Urban Parks using Conjoint Methodology. *Urban Forestry and Urban Greening*, 10(2), p. 95-103. <https://doi.org/10.1016/j.ufug.2010.12.003> (Q1 journal)
20. **Alalouch, C.**, Aspinall, P. and Smith, H. (2009). On locational preferences for privacy in hospital wards. *Facilities*, 27(3/4), p. 88-106. Special Issue: The value of facilities and estates to patient care and well-being. <https://doi.org/10.1108/02632770910933125> (Q1 journal)
21. Laude A., **Alalouch, C.**, Dhillon, B. and Aspinall, P. (2009). Human Faces: An Eye Tracking Study. *Ophthalmology*, 116(9), p. 1835. <https://doi.org/10.1016/j.ophtha.2009.04.051>. (Q1 journal). Letter to the Editor.
22. **Alalouch, C.** and Aspinall, P. (2007). Spatial attributes of hospital multi-bed wards and preferences for privacy. *Facilities*, 25(9/10), p.345-362. <https://doi.org/10.1108/02632770710772450> (Q1 journal)

4.c.3. Referred Papers Published in Elsevier Procedia

23. Alkamali, N., Alhadhrami, N., **Alalouch, C.**, (2017). Muscat City Expansion and Accessibility to the Historical Core: Space Syntax Analysis. *Energy Procedia*, Volume 115, p. 480-486. <https://doi.org/10.1016/j.egypro.2017.05.044>
24. 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. <https://doi.org/10.1016/j.sbspro.2015.12.028>
25. **Alalouch, C.**, Saleh, M. S., Al-Saadi, S. (2016). Energy-efficient house in the GCC region. *Procedia - Social and Behavioral Sciences*, 216, 736-743. <https://doi.org/10.1016/j.sbspro.2015.12.071>
26. Saleh, M., S. and **Alalouch, C.** (2015). "Towards sustainable construction in Oman: Challenges & Opportunities". *Procedia Engineering*, 118(C), p.178-185. <https://doi.org/10.1016/j.proeng.2015.08.416>

4.c.4. *Published Refereed Conference Papers*

27. Sari, L., H., Afif, M., Alalouch, C., Kayan, B., N., Taqiuddin, Z. (2024). The Influence of Urban Park in Shaping the Perception of Soundscape. International Conference on Integrated Urban Planning, Kuala Lumpur, Malaysia 24-25 July, 2024.
28. Alalouch, C., Bouzekri, I., Sameer, N., Al-Saadi, A., Al Ghadani, W., Al-Hashim, A. (2024). The Space of the Maybe: Traditional Souqs as Potential Catalysts for Social Sustainability and Spatial Identity. Proceedings of the 14th International Space Syntax Symposium, Nicosia, Cyprus, 24-28 June 2024.
29. Al-Akhzami, F., Al-Khatri, H., Al-Saadi, S., **Alalouch, C.** (2023). An assessment of the thermal conditions and users' thermal adaptability in air-conditioned offices in a hot climate region. Proceedings of the Comfort At The Extremes 2023 International Conference, Ahmedabad, India, December 13-15, 2023.
30. **Alalouch, C.**, Al-Azri, H., Al-Shabibi, B., Al-Busaidi, M. (2022). ““Spatial DNA” of Traditional Houses as a Catalyst for Resilient and Sustainable Future: The Case of Oman”. Proceedings of the 13th International Space Syntax Symposium, Western Norway University of Applied Sciences (HVL), Bergen, Norway, 20 to 24 June 2022. <https://bit.ly/3K0dHe1>
31. Abbasi, A., **Alalouch, C.**, and Saleh, M. S. (2019). “Placemaking as an Educational Approach in Design Studio”. Proceedings of the International Conference on Resilient and Responsible Cities, Xiamen University, KL, Malaysia, 15-17 November 2019. ISBN: 978/977-85525-3-9.
32. **Alalouch, C.**, Al-Hajri, S., Naser, A., Al Hinai, A. (2017). “The Role of the Spatial Configuration in Land Use Distribution in Muscat”. Proceedings of International Conference for Sustainable Design of the Built Environment- SDBE, London, 19-22 December, 2017. <http://newton-sdbe.co.uk/conferences/sdbe-conference-2017>
33. 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. http://www.haciric.org/static/doc/events/HaCIRIC10_Conference_Proceedings.pdf
34. 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. http://www.haciric.org/static/doc/events/HaCIRIC_11_conference_proceedings.pdf

4.c.5. *Published Books, Book Chapters, and edited Conference Proceedings*

35. Abbasi, A., **Alalouch, C.**, and Saleh, M. S. (2022). Toward Resilient and Socially Sustainable Places: A Pedagogical Experiment on the Use of Placemaking in Design Studios. In: Ujang, N., Fukuda, T., Pisello, A. L., and Vukadinovic, D., “Resilient and Responsible Smart Cities- Volume 1”, Springer, pp. 237-247. ISBN: 978-3-030-63569-5.
36. **Alalouch, C.**, Piselli, C., Cappa, F. (Eds). (2021). “Towards Implementation of Sustainability Concepts in Developing Countries”, Switzerland, Springer, ISBN: 978-3-030-74349-9. Advances in Science, Technology & Innovation (ASTI) referred book series. <https://www.springer.com/gp/book/9783030743482>. <https://doi.org/10.1007/978-3-030-74349-9> (Status: in Printing, Indexing: Scopus, Type: referred edited book, Print Length: 324 pages, Targeted audience: researchers, academicians and decision makers).

37. **Alalouch, C.**, Abdalla, H., Bozonnet, E., Elvin, G., Carracedo, O. (Eds.). (2019). "Advanced Studies in Energy Efficiency and Built Environment for Developing Countries", Switzerland, Springer, ISBN: 978-3-030-10856-4. Advances in Science, Technology & Innovation (ASTI) referred book series. <https://doi.org/10.1007/978-3-030-10856-4>.
(Indexing: Scopus, Type: referred edited book, Print Length: 189 pages, Targeted audience: researchers, academicians and decision makers).
38. Rosso, F., Yousef M. Ghoneem, M., Cavalagli, N., Mohareb, N., **Alalouch, C.**, Hawkes, D., Bougdah, H. (Eds.). (2019). "Conservation of Architectural Heritage", Switzerland, Springer, ISBN: 978-3-030-10870-0. Advances in Science, Technology & Innovation (ASTI) referred book series. <https://doi.org/10.1007/978-3-030-10871-7>.
(Indexing: Scopus, Type: referred edited book, Print Length: 312 pages, Targeted audience: researchers, academicians and decision makers)
39. Al-jabri, K., Perves, T., **Alalouch, C.**, Waris, M., B. (Eds.). (2018). Proceedings of "Engineering Education and its Impact on Building Knowledge-based Economy in the Arab World" conference, Muscat, Oman Society of Engineers, ISBN: 978-99969-1-962-6.
(Type: Conference Proceedings, Print Length: 219 pages, Targeted audience: researchers, academicians and decision makers)
40. **Alalouch, C.**, and Waris, M., B. (Eds.). (2018). "The Book of Abstracts of the 1st National Conference on Civil and Architectural Engineering", Muscat, Sultan Qaboos University, ISBN: 978-99969-3-060-7.
(Type: Conference book of abstracts, Print Length: 146 pages, Targeted audience: researchers, academicians and decision makers)
41. Amer, M., Sotoca, A., Naselli, F., Mohareb, N., and **Alalouch, C.**, (Eds.). (2017). Proceedings of "Alternative & Renewable Energy Quest in Architecture & Urbanism" conference. Energy Procedia, Volume 115, Elsevier, ISSN 1876-6102.
<https://www.sciencedirect.com/journal/energy-procedia/vol/115/suppl/C>
(Indexing: Scopus, Type: Conference Proceedings, Print Length: 514 pages, Targeted audience: researchers, academicians)
42. **Alalouch, C.** (2011). "Hospital Ward Architecture: A Mixed Methods Approach for Spatial Design and Privacy", LAP LAMBERT Publishing, Germany, ISBN: 978-3844330175.
(Type: monograph, Print Length: 364 pages, Targeted audience: researchers, academicians)

4.c.6. Published Referred Extended Abstracts/Abstracts

43. Al Araithi, D., **Alalouch, C.**, Salah, M.S., Al Saadi, S. (2021). Towards a Local Sustainability Rating System in Oman: Co-creation of Sustainability Elements. Proceedings of the 2nd International Conference on Comfort at The Extremes (CATE'21), Muscat, Oman, 26th – 28th October 2021.
44. Al-Hajri, J., Salah, M.S., **Alalouch, C.**, Al Saadi, S. (2021). An Empirical Approach to Explore the Relation between Architectural Features and Affective Appraisals: A Virtual Reality Study. Proceedings of the 2nd International Conference on Comfort at The Extremes (CATE'21), Muscat, Oman, 26th – 28th October 2021.
45. **Alalouch, C.**, Al-Hajri, S., Naser, A., and Alhinai, A. (2018). What is Happening in Al-Maabilah? The Hidden Dimensions of Urban Sustainability. In the Book of Abstracts of the 1st National Conference on Civil & Architectural Engineering (1st NCCAE-2018), Muscat, Oman, 26th – 28th March 2018. ISBN: 978-99969-3-060-7.

46. Salah, M., and **Alalouch, C.** (2018). Challenges & Opportunities of Sustainable Construction in Oman. In the Book of Abstracts of the 1st National Conference on Civil & Architectural Engineering (1st NCCAE-2018), Muscat, Oman, 26th – 28th March 2018. ISBN: 978-99969-3-060-7.
47. Al Azri, H., Al Shabibi, B., Al-busaidi, M., and **Alalouch, C.** (2018). Spatial DNA of Traditional Houses in Oman. In the Book of Abstracts of the 1st National Conference on Civil & Architectural Engineering (1st NCCAE-2018), Muscat, Oman, 26th – 28th March 2018. ISBN: 978-99969-3-060-7.
48. Bouzguenda, I., Girona, S., **Alalouch, C.** (2018). Designing for Co-creation: Lessons from Van 't Hoff Square, Netherlands, for the Omani Context. In the Book of Abstracts of the 1st National Conference on Civil & Architectural Engineering (1st NCCAE-2018), Muscat, Oman, 26th – 28th March 2018. ISBN: 978-99969-3-060-7.
49. **Alalouch, C.** (2016). Eco-architecture in the Gulf Region. In the Book of Abstract of The Design Symposium. Scientific Colleges of Design, Muscat, Oman, 30th November 2016.
50. **Alalouch, C.** (2016). Introduction to Parametric Design for Space Designers. In the Book of Abstract of the Design Symposium. Scientific Colleges of Design, Muscat, Oman, 30th November 2016.

4.c.7. Technical Reports

51. Al-Saadi, S., **Alalouch, C.**, and Al-Khatiri, H. (2021). A review report of the draft Muscat Building Code. Submitted to Muscat Municipality.
52. **Alalouch, C.**, Waris, M. B., El-Gamal, S., and Hewawasam, L. (2019). Compatibility of CAED Labs with ABET Requirements: a Final Report of the Concerned ad-Hoc Committee. Submitted to the HoD in preparation for ABET team visit.
53. Al-Nuimi, A., Shabaan, A., **Alalouch, C.**, et. al. (2019). ABET Self-Study Report for Architectural Engineering Program. Submitted to the Accreditation Board for Engineering and Technology.
54. **Alalouch, C.**, and Maradni, B. (2018). Livable Eco-architecture: Stakeholders' Perception of livability in Oman. Progress report for TRC Eco-House Competiton-2.
55. AlBadi, A., Al-Abri, R., Masoud, M., AlBadi, M., Al-Hinai, N., Piya, S., Hassan, H., **Alalouch, C.** and Al-Nuaimi, A. (2016). An Inception Report on SQU Streetcar System. Submitted to: H.E. The Vice Chancellor of Sultan Qaboos University.
56. **Alalouch, C.** (Eds.) (2016). SQU Research & Development Plan for Oman Eco-House Competition Phase-II. Submitted to The Research Council (TRC) in Oman as part of the Oman Eco-house competition phase-II.
57. Al-Jabri, K., Al-Shafee, S., Baawain, M., Bararhi, H., **Alalouch, C.**, Al-Yakoopi, A., Al-Zakwani, Z. and Al-Mahrouki, A. (2014). Technical Specification for the construction of a central store for chemical substances at SQU. Submitted to: H.E. The Vice Chancellor of Sultan Qaboos University. In Arabic.
58. Kaka, A., Thomson, D., Pronk, L., and **Alalouch, C.** (2010). Benefit Quantification Method for Healthcare Infrastructure. Final research report submitted to the Health and Care Infrastructure Research and Innovation Centre (HaCIRIC), UK.
59. **Alalouch, C.** (2010). New Acute Hospital at Larbert: Benefit Workshops Outline Results. A report submitted to the Health and Care Infrastructure Research and Innovation Centre (HaCIRIC), UK.

60. **Alalouch, C.** (2010). North Ayrshire Community Hospital: Benefit Workshop Outline Results. A report submitted to the Health and Care Infrastructure Research and Innovation Centre (HaCIRIC), UK.
61. Dhillon, B., Aspinall, P., **Alalouch, C.**, and Laude, A. (2009). Avoidance of falls: Investigating improvements in mobility and safety for people with AMD using eye-tracking methodology. Research report for the Macular Disease Society, UK.

4.c.8. *Posters*

62. **Alalouch, C.** and Maradni, B. (2018). "Livable Eco-architecture: Stakeholders' Perception of Livability in Oman". Presented twice: in the Eco-house Forum, German University of Technology, Oman. 1st March 2018; and in the 1st National Conference on Civil & Architectural engineering (1st NCCAE-2018), Muscat, Oman, 26th – 28th March 2018.
63. **Alalouch, C.**, Aspinall, P. and Smith, H. (2009). Hospital Ward Design Implications for Space and Privacy. Presented in Heriot-Watt University Principal visit to the School of the Built Environment, Edinburgh, UK.

4.c.9. *Other Publications (not referred)*

64. **Alalouch, C.** (2020). "Online Learning and Teaching: Strategies and Models in the Time of Disasters". In Arabic "التعلم والتعليم عن بعد: إستراتيجياته وأنماطه في ظل الأزمات". LinkedIn article. www.shorturl.at/eitBC
65. **Alalouch, C.**, (2020). "Social Decay and the Dilemma of Juxtaposition". In Arabic "الصدأ الاجتماعي و جدلية جمع المتناقضات". LinkedIn article. <https://bit.ly/3cyMyfO>

4.c.10. *Research Grants Awards and Scholarships*

1. Project title: Enhancing the Quality of Life in the Kingdom of Saudi Arabia through Optimal Use of Public Spaces in Cities. Code: RG-23085. Role: Coinvestigator (Co-I). Value: 74400 Saudi Riyal (19806 \$). Status: In Progress.
2. Sultan Qaboos University Internal Grant – Code: IG/ENG/CAED/22/02. Role: Coinvestigator (Co-I). Project title: Developing an Immersive BIM-based Virtual Reality Workflow System for Integrated Collaboration of Architectural Engineering Practices in Oman. Value: RO 6,500 (16,250 \$). Status: In Progress.
3. Sultan Qaboos University Internal Grant – Code: IG/ENG/CAED/21/02 (three years: 2021-2024). Role: Coinvestigator (Co-I). Project title: Evaluation of Indoor Thermal Comfort to Reduce Energy Consumption of Office Buildings in Oman. Value: RO 6,000 (15,600\$). Status: In progress.
4. H.E. Sultan Qaboos University Vice Chancellor fund – Sustainable Energy Research Centre (two years: 2020-2021). Role: Co-Investigator with others. Value: RO 99,660 (259,116 \$).
5. Sultan Qaboos University Internal Grant – Code: IG/ENG/CAED/19/02 (three years: 2019-2021). Role: Principal Investigator (PI). Project title: Stakeholders' Perception of Sustainable Built Environment in Oman: Components and Priorities. Value: RO 7,000 (18,000\$). Status: Completed.
6. The Research Council, Oman (TRC) - Code: TRC/ECO/SQU/15/02 (seven years: 2013-2019). Role: Co-Investigator with others. Project Title: Oman Eco Friendly House Competition. Value: RO 160,000 (416,000\$). Status: Completed.
7. 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. Status: Completed.

8. James Watt Full Scholarship (three years: 2006-2008), Heriot-Watt University, Edinburgh, UK. Full PhD scholarship. Status: Completed.

4.c.II. Consultation Projects

1. Sultan Qaboos University Hospital, Oman (Fall 2021). Role: Co-Investigator (C-I). Project: SQU Hospital Administration Building Conceptual Architectural Design Student Competition. Value: 8,000 O.R. (20,000 \$). Status: Completed.
2. Ahmed bin Majid Private School, Oman (spring and summer 2020) - Code: CR/ENG/CAED/20/10. Role: Principal Investigator (P-I). Project: Consultancy in Developing a Student Competition: The Architectural Design Concept of Ahmed bin Majid Private School. Value: 7,650 O.R. (19,890 \$). Status: Completed.
3. Petroleum Development Oman (PDO) (Spring 2020) - Code: CR/ENG/CAED/20/03. Role: Co-Investigator (C-I). Project: Consultancy in Developing a Student Competition: Architectural Design Concept of Fish market in Different Locations across Oman. Value: 6,204 O.R. (16,130 \$). Status: Completed.
4. Duqm Refinery and Petrochemical Industries Company L.L.C (fall 2019 and spring 2020). Via the office of Deputy Vice-Chancellor for Postgraduate Studies and Research at Sultan Qaboos University. Role: Co-Investigator (C-I). Project: Duqm Research, Innovation & Community Service Complex Conceptual Architectural Design Competition. Value: 5,000 O.R. (13,000 \$). Status: Completed.
5. Innovation & Technology Transfer Centre at Sultan Qaboos University (spring and fall 2019). Via the office of Deputy Vice-Chancellor for Postgraduate Studies and Research at Sultan Qaboos University. Role: Co-Investigator (C-I). Project: SQU Innovation & Technology Transfer Centre Conceptual Architectural Design student Competition. Value: 5,433 O.R. (14,125 \$). Status: Completed.
6. Muscat Appealing Court, the Council of Administrative Affairs for the Judiciary, Oman (Spring 2016-Spring 2017) – Code: CR/ENG/CAED/16/03. Role: Co-Investigator (C-I). Project: Study of Cracks in Soad Bahwan Building, Plot No. 142A, Al-Qurum. Value: 30,000 O.R. (78,000 \$). Status: Completed.

4.d) Leadership in Scholarship

4.d.1. Membership of Editorial Boards:

1. Editor-in-Chief for the refereed journal “Open House International”, Emerald publisher, Web of Science and Scopus indexed. <https://www.emeraldgrouppublishing.com/journal/ohi>
2. Associate Editor of the International Journal “Urban Design and Planning” by ICE, UK, Web of Science and Scopus indexed. <https://www.icevirtuallibrary.com/toc/jurdp/current>
3. Member of the Editorial Reviewer Board of “Arch-Net International Journal of Architectural Research”, Emerald publisher, Web of Science and Scopus indexed. https://www.emeraldgrouppublishing.com/products/journals/editorial_team.htm?id=arch
4. Member of the Editorial Board of “Urbanization, Sustainability & Society” journal, Emerald publisher. <https://www.emeraldgrouppublishing.com/journal/uss>
5. Member of the Editorial Advisory Board of “Ekistics and the New Habitat” journal. <https://www.emeraldgrouppublishing.com/journal/uss>
6. One of the Editors of the refereed book series “Advances in Science, Technology & Innovation (ASTI)”, EREK Interdisciplinary Series for Sustainable Development” by Springer. ISSN: 2522-8714, <http://www.springer.com/series/15883>.
7. Associate Editor, “Environmental Sciences and Sustainable Development (ESSD)” journal, IEREK Press, <https://press.ierek.com/index.php/ESSD/about/editorialTeam>

4.d.2. *Keynote Speaker*

1. Alalouch, C. (2023). Rethinking the Role of Technology in Architecture and Urban Design: Critical Perspectives on AI, Neuro-architecture, and Smart Cities. A Keynote Speech in the International Conference on Design and Architecture 2023, Nicosia, **Cyprus**, 25-26 May 2023. <https://www.youtube.com/watch?v=qHsZ3CyGADY>
2. Alalouch, C. (2022). From Sustainable to Smart Sustainable Cities: Are we Ready?. A Keynote Speech in the 6th International Conference-workshop on Sustainable Architecture and Urban Design, **Oman**, Dhofar University- Online, 23-24 November, 2022. <https://www.youtube.com/watch?v=6zxVv02vY9M>
3. Alalouch, C. (2022). From Normativism to Substantivism in the Design of the Mosque of the Future: The Need for Evidence-based Design. A Keynote Speech in the 3rd International Conference on Mosque Architecture, **Kuwait**, Sheikh Jaber Al-Ahmad Cultural Centre, 14-17 November 2022. <https://www.youtube.com/watch?v=BsedVXLYip4>
4. Alalouch, C. (2018). From Sustainability to Smart Cities: a Future Outlook. A Keynote Speech in the 2nd International Conference on Green Urbanism. Roma Tre University, Roma, **Italy**, 5-7 December 2018.
5. Alalouch, C. (2017). Energy-Conscious Buildings in Hot Climates: Potential and Challenges. A Keynote Speech in Alternative & Renewable Energy Quest in Architecture & Urbanism Conference (AREQAU2017). Polytechnic University of Catalonia (BarcelonaTECH), Barcelona, **Spain**, 1- 3 February 2017.
6. Invited as a Keynote Speaker and Scientific Responsible in the international conference on “Improving Sustainability Concept in Developing Countries conference (ISCDC2015)” 5-7 December 2015, Grand Nile Tower Hotel, Cairo, **Egypt**. I could not attend this conference.

4.d.3. *Invited Talks*

1. Alalouch, C. (2024). Open House International: Sustainable & Smart Architecture and Urban Studies. Invited talk at the Inaugural Session of the Manipal International Symposium on Design 2024 scheduled, **Dubai**, UAE, 15th February 2024.
2. Alalouch, C. (2023). Lost in the Digital Era: Challenging the Technological Dogma in Architecture and Urbanism. Archi-Talks Conference Series, Bahcesehir University, Istanbul, **Turkey**, December 18, 2023.
3. Alalouch, C. (2023). “HOSN Oman” A Local Sustainability Assessment Tool Based on Stakeholders’ Perception. The 2nd Salalah Engineering Forum (Arabic Architecture) organized by Oman Society of Engineers, Salalah, **Oman**, September 2-3, 2023.
4. Alalouch, C. (2022). “Digital Participatory Planning in Smart Sustainable Cities: Is Oman Ready?”. Mjlis Alkhonji seminar series. 22 January 2022, **Oman**, Muscat.
5. Alalouch, C. (2021). “Latest Space Syntax Research from Oman”. MENA Space Syntax Virtual Seminars. 13th October 2021. Organized by Qatar University, Doha, **Qatar**. <https://www.youtube.com/watch?v=JCzGwLRL0sc&t=1035s>
6. Alalouch, C. (2021). “Design Concept: Theory and Application”. An online presentation to the design students at the School of Architecture and Built Environment, University of Wolverhampton, **UK**. 22nd Feb. 2021.
7. Alalouch, C. (2020). “The Secret is to Look behind the Skin: A Configurational Look at Post Covid-19 Physical Distancing Requirements in Building and City Design”. A presentation for UMAR Union of Mediterranean Architects webinar “Adaptive Strategies in the Mediterranean” which was held online on the 30 of June 2020, **Italy**. The event was held with the support of the UMAR’s Italian section, the CNAPPC. https://www.youtube.com/watch?v=cXXA6rxrq_c&t=1s

8. Alalouch, C. (2016). 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).
9. Alalouch, C. (2016). Eco-architecture in the Gulf Region. The Design Symposium. Invited by The Scientific Colleges of Design (SCD), Muscat 30th November 2016.
10. Alalouch, C. (2015). The interior Design as a Profession. Invited by The Scientific College of Design, Muscat, delivered twice on: 5th November 2015, and 26th February 2015 at
11. Alalouch, C. (2014). Spatial Analysis Techniques. Invited by The Scientific College of Design, Muscat, 28th Dec. 2014.
12. Alalouch, C. (2014). Design Inspiration: Do We Really Need a Design Concept? Invited by The Scientific College of Design, Muscat, 22nd April 2014.

4.d.4. Invitations as Expert

1. Invited by Muscat Municipality as expert to review and provide comments on the draft Building Code of Muscat City (March 2021).
2. Invited by Muscat Municipality to participate as an expert in the workshop “The Future Architectural Identity of Muscat” in 4-5 April 2017, which was organized by Muscat Municipality and Royal Institute of British Architects. Selected national and international experts (UK and Spain) were selected to take part in this workshop, which aimed to frame the future vision of the architectural identity of Muscat 2040.

4.e) Recognition and Awards in Scholarship

4.e.1. Recognition of my Scholarly work

1. Awarded **Th Best Research Award 2024** by Sultan Qaboos University, May 8, 2024.
2. Awarded **The Outstanding Reviewer Award 2021** by Emerald Publishing, UK, for arch-net IJAR in the Literati Network Awards for Excellence.
3. **Awarded the National Research Award (2020)** in the research area: Energy & Industry Sector (PhD-holders category) by the Ministry of Higher Education, Research and Innovation in Oman.
4. 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.
5. **Highly Commended Award (2010)** on my paper titled ‘On locational preferences for privacy in hospital wards’ by Emerald Literati Network Awards for Excellence 2010, UK. I am the first author of this paper and the journal is a Q1 journal.
6. 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.

4.e.2. Recognition in Scholarly work with Students

1. My undergraduate students’ research project awarded the Second Place in the “2018 Sultan Qaboos University Award for Student Research Projects- the Scientific Research Category”. Organized by the Deanship of Research at SQU. Research project title: "Omani Houses before & after Renaissance: Behavioral Patterns and Spatial Configuration". Students team: Hafsa Al-Balushi, Reem Al-Hashmi, and Ahmed Al-Balushi.

4.e.3. Invitation to Review Scholarly Work

Promotion Application:

1. Reviewed a promotion application for the rank of Associate Professor for one of Higher Educational Institutes in Oman, August 2023. (Details are confidential).

Research Proposals:

2. Reviewed a research proposal for the TRC Research Grant Program, Oman, June 2019.
3. Reviewed a research proposal for SQU Internal Grant March 2019.

Referee for International Reputable Academic Journals:

4. "Journal of Cleaner Production", ELSEVIER, Web of Science and Scopus indexed.
5. "Arch-Net International Journal of Architectural Research", Emerald publisher, , Web of Science and Scopus indexed.
6. "Facilities", Emerald publisher, Web of Science and Scopus indexed.
7. "Sustainability", MDPI, Web of Science, Scopus.
8. "Habitat International", ELSEVIER, Web of Science and Scopus indexed.
9. "Ain Shams Engineering Journal", Ain Shams University, Web of Science and Scopus indexed.
10. "Buildings", MDPI, Web of Science, Scopus.
11. "ICE Energy", Institute of Civil Engineering, Web of Science and Scopus.
12. "Heritage", MDPI, Web of Science, Scopus.
13. "Environment & Behavior", SAGE Publications, Environment & Behavior indexed.
14. "Urban Forestry & Urban Greening", ELSEVIER, Web of Science and Scopus indexed.
15. "Open House International", Emerald publisher, Web of Science and Scopus indexed
16. "Smart and Sustainable Built Environment", Emerald publisher, Web of Science and Scopus.
17. "ICE Urban Design and Planning", Institute of Civil Engineering, Web of Science and Scopus.
18. "disP - The Planning Review", Tylor & Francis, Clarivate Analytics and Scopus.
19. "Environmental Sciences and Sustainable Development (ESSD)", IEREK Press.
20. "The Journal of Oman Studies", Ministry of National Heritage and Culture, Oman.
21. "Journal of Engineering Research", Kuwait University.

Refereed for national and international conferences and member of the Scientific Committee:

22. The 23rd Gulf Engineering Forum 2022 "The Engineer and Disasters' Challenges", 21-23 February 2022. Muscat, **Oman**.
23. The 2nd International Conference on Comfort at The Extremes (CATE'21), 24 -26 October 2021. Muscat, **Oman**.
24. 23rd Gulf Engineering Form, Muscat, **Oman**, 19-20 February 2020. Organized by Oman Society of Engineers.
25. 2nd International Conference on Future Smart Cities (FSC). Xiamen University, Kuala Lumpur, **Malaysia**, 5-7 November 2019.
26. Technology of Renewable Energy Systems Symposium. Muscat, **Oman**, 20th March 2019. Organized by the College of Engineering at Sultan Qaboos University and Al-Buraimi Solar Energy System.
27. The 3rd International Conference on Conservation of Architectural Heritage 2019 (CAH2019). Aswan, **Egypt**, 19-21 February 2019.

28. The 2nd International Conference for Sustainable Design of the Built Environment 2018: Research in Practice (SDBE2018). The Crystal, **London**, 13-14 September 2018. Organized by the University of East London; and funded by The British Council Newton Institutional Links Fund.
29. International Conference for Sustainable Design of the Built Environment 2017 (SDBE2017). The Crystal, **London**, 20-21 December 2017. Organized by the University of East London, and Ain Shams University funded by The British Council Newton Institutional Links Fund.
30. Cultural Sustainable Tourism (CST2017) international conference. Aristotle University Thessaloniki, **Greece**, 27-29 November 2017.
31. The 2nd International Conference on Improving Sustainability Concept in Developing Countries (ISCDC2017). Grand Royal Hotel, Cairo, **Egypt**, 12-14 December 2017.
32. International Conference on Urban Planning and Architectural Design for Sustainable Development 2017 (UPADSD2017). Palermo University, Palermo, **Italy**, 25-27 Oct. 2017.
33. International Conference on Cities' Identity through Architecture and Arts (CITAA2017). Helwan University, Cairo, **Egypt**, 11-13 May 2017.
34. Theory of Architectural Design: Global Practices amid Local Milieu 2017 conference. Shri Mata Vaishno Devi University, **Kashmir**, 14-16 April 2017.
35. Alternative & Renewable Energy Quest in Architecture & Urbanism international conference (AREQAU2017). Polytechnic University of Catalonia (BarcelonaTECH), Barcelona, **Spain**, 01- 03 February 2017.
36. International Conference on Green Urbanism (ICGU2016). Cornell University, Rome, **Italy**, 12-14 October 2016.
37. Conservation of Architectural Heritage 2015 conference (CAH2015). Luxor – Aswan, **Egypt**, 23-27 November 2015.
38. Improving Sustainability Concept in Developing Countries 2015 (ISCDC2015) international conference. Cairo, **Egypt**, 2-4 Dec. 2015.
39. Urban Planning and Architectural Design for Sustainable Development 2015 (UPADSD2015) international conference. University of Salento, Lecce, **Italy**, 14-16 Oct. 2015.
40. 3rd International Conference on Biological and Medical Science (ICBMS2015), Shanghai, **China**, 5-6 Sep. 2015. Organized by: Chemical, Biological and Envi. Engi. Association (CBEES).

Reports

41. Reviewed the report titled: Al-Buraimi Code of Conduct for Urban Enhancement, (2016). The report was submitted to the Department of Civil and Architectural Engineering at Sultan Qaboos University by Al-Buraimi University. In Arabic.

Book Proposals

42. Reviewed two book proposals for Springer (August 2018 and December 2018) and one book proposal for IEREK Press.

4.e.4. Chair of Specialized Panel Discussion

1. Session Chair (Session #8: Keynote Plenary Session) in the 2nd International Conference on Comfort at The Extremes (CATE'21), 24 -26 October 2021. Muscat, Oman.
2. Session Chair (Session #2: Natural Ventilation and its Role in Thermal Comfort) in the 2nd International Conference on Comfort at The Extremes (CATE'21), 24 -26 October 2021. Muscat, Oman.

3. Session Chair (session #4) in the 28th Arab Engineering Conference: Engineering Education and its Impact on Building Knowledge-based Economy in the Arab Word. **Muscat**, 11-13 Dec. 2018.
4. Session Chair (session# 16, titled: Built Heritage) in the 1st National Conference on Civil and Architectural Engineering 2018 (NCCAE2018). Sultan Qaboos University, **Muscat**, Oman, 26-28 March 2018.
5. Session Chair (session titled: Education for Sustainability and Innovative Didactics for Sustainable Development) in the International Conference for Sustainable Design of the Built Environment 2017 (SDBE2017). The Crystal, **London**, 20-21 December 2017.
6. Session Chair in Alternative & Renewable Energy Quest in Architecture & Urbanism Conference (AREQAU2017). Polytechnic University of Catalonia (BarcelonaTECH), **Barcelona**, Spain, 01- 03 February 2017.

4.e.5. Chair of Postgraduate Thesis Examination

1. Chairman of the MSc Thesis Examination Committee for the student Eng. Muntashir Mohammed Razzak (117921), thesis title is “Experimental Testing and Analysis of Concentrating Solar Collector with Nanofluids”, 8th December 2021.
2. Chairman of the MSc Thesis Examination Committee for the student Eng. Alshima Al Azri ID# (89278), thesis title is “Evaluating the Predictive Value of Breast Cancer Biomarkers”, 9th September 2020.
3. Chairman of the MSc Thesis Examination Committee for the student Eng. Ali Khodae ID# (110102/14), thesis title is “Modeling and Optimization of Organic Ranking Cycle Using Generalized Property Correlations”, 30th June 2016.

4.f) Personal Professional Development in Scholarship

4.f.1. Completed the Following Professional Development Courses in Scholarship:

1. Completed “Urban Energy Modeling” course. 5 weeks (06/07/2018 to 03/08/2018), The Freie Universitaet of Berlin, Institute of Meteorology, Berlin, Germany. The course is research oriented and aimed to develop capacities in research in the Urban Energy Modeling area and enhance the collaboration between SQU and The Freie Universitaet of Berlin. The course is fully funded by DAAD, Germany.
2. Completed “Grant Proposal Writing Workshop”, 4 and 5 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.
3. Complete “Broadening Horizon for Research Staff” Workshop, May 2010 (Duration: 3 days, residential). Organized by Vitae (www.vitae.ac.uk), Novo hotel, Edinburgh, UK.

4.f.2. Membership in Professional Societies

1. The Order of Syrian Engineers, Syria (Licensed Architect) since 2002- lic. No: 15974.
2. Federation of Arab Engineers (Architectural Engineers) since 2013. Membership No: 8/575.
3. Member of the Scientific Committee of the International Experts for Research Enrichment and Knowledge Exchange (IEREK) since 2015.

5. UNIVERSITY & COMMUNITY SERVICE

5.a) Participation in University and Community Service Activities

5.a.1. University/College/ Department Committees

I have been a very active member in many committees at Uni, College, Dep. and Program levels.

#	Committee	Role	Start	End
<i>University Level</i>				
1	SQU 2016-2040 Strategic Plan. Project: Enhancing SQU student's skills to match the requirements of the market.	Member	FL 2020	SP 2021
2	"Linking Higher Education Institutions with the Public and Private Sectors" exhibition supervising committee, chaired by the DVC for Postgraduate Studies and Research.	Member	FL 2016	SP 2017
3	Oman Eco Friendly house competition	Member	FL 2013	Fall 2019
4	SQU Study Pavilion Competition Committee.	Member	FL 2015	SP 2016
5	SQU Staff Club Board. Elected in two sequential cycles.	Member	FL 2014	FL 2017
6	SQU Central Chemical Store Specification Committee.	Member	SP 2014	SP 2014
<i>College Level</i>				
7	College of Engineering Advising Committee.	Member	FL 2016	FL 2017
8	Engineering Student Societies Advisors Committee.	Member	FL 2016	FL 2017
9	The Organization Committee of the Arab-Gulf Cooperation Council (GCC) Countries Engineering Students Design Competition 2016.	Member	FL 2015	SP 2016
10	Industrial Revaluation 4 committee	Member	FL 2019	Present
11	Quality Assurance & Accreditation Committee	Member	SP 2020	Present
<i>Department Level</i>				
12	Quality Assurance & Accreditation Committee of the Architectural Engineering Program.	Coordinator	FL19	Present
13	CAE Dep. Advising Committee.	Member	FL 2016	SP 2019
14	CAE Dep. Curriculum Committee.	Member	FL 2013	SP 2018
15	Advisor of the Civil and Architectural Engineering Student Society.	Advisor	FL 2015	FL 2017
16	AREN Program Meeting Secretary.	Secretary	FL 2013	FL 2015
17	The Architectural Engineering Program Accreditation Committee.	Associate Coordinator	FL 2017	SP19
18	The Architectural Engineering Program Accreditation Committee.	Member	FL 2013	FL 2017
19	Architectural Engineering Postgraduate Program.	Member	SP18	Present
20	MSC Program in Architectural Engineering Proposal Committee.	Member	FL 2013	FL 2017
21	AREN Degree Plan Review Committee.	Member	SP 2014	SP 2015
22	Admission to the Arch. Eng. Program Committee.	Member	FL 2013	SP 17
23	AREN Graduation Project Review Committee.	Member	FL 2016	Present
24	AREN Design Studio Courses Review Committee.	Member	FL 2016	Present
25	CAE Dep. Examination Committee.	Member	FL 2017	SP2019
26	CAE Dep. Facilities (Labs & Equipment) committee	Chair	FL2019	FL2021
<i>Adhoc Committees</i>				
27	Assessment of Applicants for Modelling Workshop Technician Post.	Chair	SP 2016	SP 2016
28	SQU Electrical Tram project Specifications Committee.	Member	FL 2015	SP 2016

5.a.2. Organizing of Workshops and Conferences

1. Chair of Publicity Committee of the 2nd International Conference on Unmanned Vehicle Systems 2021 (UVS-Oman 2021). Sultan Qaboos University, Muscat, Oman, 8-9 February 2021.
2. Member of the organization committee of the 1st National Conference on Civil & Architectural Engineering (1st NCCAE-2018), Muscat, Oman, 26–28 March 2018.
3. Chair of Publicity Committee of the 1st International Conference on Unmanned Vehicle Systems 2019 (UVS-Oman 2019). Sultan Qaboos University, Muscat, Oman, 5-7 February 2019.
4. Chair of Publicity Committee of the 28th Arab Engineering Conference: Engineering Education and its Impact on Building Knowledge-based Economy in the Arab Word. Organized by Oman Society of Engineers and Federation of Arab Engineers. Sheraton Hotel, Muscat, 11-13 Dec. 2018.
5. Supervise the organization of SQU Civil & Architectural Engineering Forum 2016. Sultan Qaboos University, Muscat, Oman, 7 February 2016. The forum is organized by the Civil & Architectural Engineering Society at SQU when I was the advisor of the society.

5.b) Participation in Areas other than Those Directly Related to Research and T&L

Service to the College

1. Letter of Appreciation (2019), from The Dean of the College of Engineering at Sultan Qaboos University, Prof. Hadj Bourdoucen, on February 2019 for my role as a Chair of the Publicity Committee of the 1st International Conference on Unmanned Vehicle Systems held at SQU on 5-7 February 2019.
2. 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.

Service to Sultan Qaboos University Community

3. Member of SQU Staff Club Board. Elected in two sequential cycles (Fall 2014-Fall 2017). The board members are appointed by H.E. the Vice Chancellor of SQU after a carefully monitored election in which the Staff Club members vote for their preferred candidates.
4. Competition Judge, The 7th Engineering Gathering Design Competition organized by College of Engineering at Sultan Qaboos University, The Sultanate of Oman, 3 to 6 April 2016. The competition included 45 projects from several universities and technical colleges from Oman and the Gulf region.
5. Letter of Appreciation from SQU Deputy Vice Chancellor for Academic Affairs and Community Service for my outstanding cooperation in organizing “The Major Fair: Create Your Future”, 2016.
6. Competition Judge, 6th Engineering Gathering Design Competition organized by College of Engineering at Sultan Qaboos University, The Sultanate of Oman, from 26 to 29 April 2015. The competition included 48 projects from 7 countries including Oman, Kuwait, KSA, Qatar, Bahrain, Jordan and Egypt.

Service to Public

7. Letter of Appreciation from SQU Deputy Vice Chancellor for Postgraduate Studies and Research for my active role in organizing “Linking Higher Education Institutions with the Public and Private Sectors” exhibition, 7-9 May 2017.
8. Competition Judge, Marina Design Competition-II, organized by Marina Engineering Consultants, Muscat, Oman, on 13th of September 2017. In total, 47 projects participated in this open competition.

9. 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.

5.c) Popularization, Dissemination and Simplification of Knowledge

Organizing exhibitions for public

1. Letter of Appreciation from SQU Deputy Vice Chancellor for Postgraduate Studies and Research at SQU for my active role in organizing “Linking Higher Education Institutions with the Public and Private Sectors” exhibition as a member of the organizing committee. 7-9 May 2017 at Oman Convention and Exhibition Centre.

Public Lectures

2. 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).

Workshops

3. Delivered a one-day workshop at Muscat Municipality on “Muscat City Identity”, April 2017. This was part of “The Future Architectural Identity of Muscat” workshop 4-5 April 2017, in which I participated. Organized by Muscat Municipality and Royal Institute of British Architects (RIBA).

Media talks and Interviews

4. Podcast discussing human-technology relationship, 4th Industrial Revolution, architecture, and urbanism, Taa platform, 26 Apr 2024. <https://www.youtube.com/watch?v=Eie-nThqhbE>
5. Interview with Imprint Magazine, Issue 53, December 28, 2023. Oman’s Infrastructure Ideal for Smart-Participatory Planning. [https://anwaar.squ.edu.om/Portals/98/DNNGalleryPro/uploads/2023/12/28/Imprint53\(2\).pdf](https://anwaar.squ.edu.om/Portals/98/DNNGalleryPro/uploads/2023/12/28/Imprint53(2).pdf)
6. Interview with Anwar Magazine, November 30, 2023. Title: Smart and Sustainable Cities. In Arabic. <https://anwaar.squ.edu.om/ar/%D9%86%D8%B4%D8%B1/ArticleID/4242/%D8%A7%D9%84%D9%85%D8%AF%D9%86-%D8%A7%D9%84%D9%85%D8%B3%D8%AA%D8%AF%D8%A7%D9%85%D8%A9-%D8%A7%D9%84%D8%B0%D9%83%D9%8A%D8%A9>
7. Interview on Oman TV, The Morning Coffee Show, to speak about my research, 20 Jan. 2021. https://www.youtube.com/watch?v=o_wuDXXremY
8. Interview on Oman Radio, topic: The 1st National Conference in Civil and Architectural engineering. Broadcasted live at 8:00 am on Monday 26th March 2018.
9. 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>
10. 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>

Continuing Professional Development (CPD) Courses Conducted

11. Conducted a Continuing Professional Development (CPD) course for engineers working at the construction company Davis Langdon LLP, Glasgow, on 21st June 2010.

5.d) Supervision of Fieldwork and Architectural Design Services

1. Supervised the summer fieldwork and industrial training of students from the Civil and Architectural Engineering Dep. in summer 2014 (118 students) and summer 2015 (71 students).
2. Developed and produced the Architectural Design Concept of the new College of Engineering Students’ Workshop Building, 2018. The building consists of workshops, laboratories, offices, meeting rooms, a canteen and other facilities for students and staff of the College of Engineering. The Gross Floor Area of the building is around 5500 m² in three floors.

3. Supervised a new proposal for the interior design of the social lounge in the current staff club building in March 2017.
4. Developed the space schedule and the architectural design of for an extension building for SQU Staff Club. February 2015. The total built area is 1700 m².

----- End of the CV -----