

CURRICULUM VITAE

Khalifa Saif Sultan Al-Jabri

Professor and HoD
Member, The State Council, Oman

1. PERSONAL INFORMATION

Full Name: Khalifa Saif Sultan Al-Jabri

Sex: Male

Nationality: Omani

Date of Birth: 23rd November 1969

Current Address: Department of Civil and Architectural Engineering
College of Engineering
Sultan Qaboos University
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Sultanate of Oman

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E-mail: aljabri@squ.edu.om; kaljabri68@gmail.com

Marital Status: Married with six children

Languages: Arabic, English

Appointment Date: 9th September 1991

Current Rank: Professor and HoD
Department of Civil and Architectural Engineering
SQU

Member, The State Council, Oman (2011-present)

2. EDUCATION AND EMPLOYMENT INFORMATION

EDUCATION HISTROY

- May 2000** **Ph. D.** Civil Engineering
University of Sheffield, UK
Major: Structural Engineering
- December 1993** **MSc(Eng).** Civil Engineering
University of Sheffield, UK
- October 1991** **B.Sc(Eng).** Civil Engineering
Sultan Qaboos University, Oman
- November 2009** National Examination Board for Occupational Health and Safety
(NEBOSH) International General Certificate (with Distinction)

EMPLOYMENT HISTORY

- 2011 - Present** **Member**
The State Council, Oman
- 09/2011 - Present** **Head**
Department of Civil and Architectural Engineering
- 05/2011- Present** **Professor**
Department of Civil and Architectural Engineering, College of
Engineering
- 2006 - 2010** **Assistant Dean for Postgraduate Studies and Research**
College of Engineering
- 2006 - 2011** **Associate Professor**
Department of Civil and Architectural Engineering, College of
Engineering

2002 - 2006	Assistant Professor Department of Civil and Architectural Engineering, College of Engineering
2000 –2002	Lecturer Department of Civil Engineering, College of Engineering
1993-2000	Assistant Lecturer Department of Civil Engineering, College of Engineering
1991-1993	Demonstrator Department of Civil Engineering, College of Engineering

3. AWARDS AND RECOGNITION

May 1999	Awarded a certificate of recognition for distinguished young researcher's paper at the 2 nd European Conference on Steel Structures (EUROSTEEL99), May 26-29, 1999, Prague, Czech Republic
25/11/2012	Certificate of Appreciation for completing 20 years of services at Sultan Qaboos University from the Vice-Chancellor

4. TEACHING AND SUPERVISION

a) UNDERGRADUATE COURSES

The following courses were taught:

- AREN 5106: Architectural Design VI: Graduation Project II (1)
- ENGR 3006: Industrial Training I (3)
- CIVL 3046: Drawing II (1)
- CIVL 3216: Basic Mechanics (4)
- CIVL 3086: Mechanics of Materials (6)
- CIVL 3096: Construction Materials (6)
- CIVL 3036: Structures I (2)
- CIVL 4016: Structures II (5)
- CIVL 5204: Engineering Economics (1)
- CIVL 4216: Steelwork Design (14)
- CIVL5270: Introduction to fire Safety Design in Buildings (1)

*number between brackets indicates the number of times the course being taught

b) SENIOR STUDENT PROJECTS SUPERVISED (UNDERGRADUATE)

I supervised more than 30 senior student projects

c) Master Thesis Projects

I supervised and currently supervising and co-supervising 14 MSc students:

- 4 students as main supervisor

- 10 students as co-supervisor

The following table shows the students status:

Student Name	Thesis Title	S/Co-S	Status (O/C)	SD* year	CD* year
Ibrahim Ali Abalushi	Effect of Geogrid Membrane on the Performance of Sabkha Soil	S	C	05	10
Al-Mutasim Al-Abri	The effect of Aggregates Mineralogy on the strength of high performance concrete	Co-S	C	04	09
Dawood A-Abri	Performance of Plastic Pipes Installed in Dune Sand	Co-S	C	04	09
Aysser Ishtieh	Beneficial use of Spent catalyst from Sohar and Mina Al-Fahl Refineries as Cement Replacement in Mortar and Concrete Applications	S	O	09	11
Hamid Al-Kindi	Comparison between designed and provided reinforcement in Villa design from 1996 – 2005: Part I	Co-S	C	04	11
Salem Bait Kora	Comparison between designed and provided reinforcement in Villa design from 1996 – 2005: Part II	Co-S	C	04	11
Sofia Al-Zidjali	Strengthening of Concrete flexural members Using Textile Fibre Reinforced Polymers	Co-S	C	06	11
Zahran Al-Kemyani	Beneficial Use of Spent catalyst from Sohar and Mina Al-Fahl Refineries as Sand Replacement in Mortar and Concrete Applications	S	C	10	12
Sabriya Sulaiyam Al-Said Aamri	Analysis of Buried Plastic Pipes in Dune Sand	Co-S	C	10	12
Mohammed Abd El-Rahman El-Tayeb	Thermal Performance and Insulated Concrete Blocks in Omani Environment	Co-S	C	10	12
Al-Yadhan Al-Harhti	Experimental Investigation of Buried Plastic Pipes in Dune Sand	Co-S	C	10	12
Prashob pillay	Finite Element Analysis of Composite Steel-to-column Connections in Fire	S	C	11	13

* These are approximate dates

S: Supervisor, Co-S: Co-supervisor, O: Ongoing, C: Completed, SD: Start Date, CD: Completion Date

d) STUDENT ADVISING AND MENTORING

1.

- Academic Adviser for mixed cohorts, 18 students
- Academic Adviser for cohort 2001, 30 students.
- Academic Adviser for cohort 1998, 25 students.

As the Head of the Department, I am overseeing the academic status of all students in the Department.

2. Member in the E-Mentoring Network for Diversity in Engineering and Science, www.mentornet.net. The main role is mentoring and advising students from different countries from 2006-2010.

3. Advising and following up academic status of postgraduate students (more than 100 students) in the College of Engineering from 2006-2010.

e) Research Interest

Fields of interest: Structures, Structural dynamics, Fire engineering, Construction and Sustainable materials. My research interest is focused on five major areas of: (a) studying the behavior of structures in fire in particular beam-to-column connections; (b) use of local and waste materials, and industrial by-products in construction; (c) development of lightweight concrete blocks for thermal insulation in hot climate; (d) design of RC and ferrocement roof panels; (e) rehabilitation and strengthening of structures. And (f) Seismic hazard risk assessment.

f) TEACHING ACTIVITIES OUTSIDE THE CLASSROOM

I) INVITED LECTURES, WORKSHOPS, AND SEMINARS

1. Technology Transfer Through Education, 22 October 2014, The Arabian Gulf University, Kingdom of Bahrain
2. Sustainable Materials and Buildings for the Sustainable Development, 2 January 2011, Oman Gas Company, Oman
3. Steel Structures, 8 December 2009, Muscat Higher College of Technology, Oman
4. General Laboratory Safety, 18 March 2009, SQU
5. Hazardous Materials: Identification and Management, 26 January 2009, International College for Engineering and Management, Oman
6. Scientific Research in the Sultanate of Oman: the Reality and the Ambitions, 29 April 2008, Sultan Qaboos Centre for Islamic Culture, Oman
7. Behaviour of Buildings in Fire, 3 April 2007, Fire Safety Engineering College, Oman
8. Collapse of Buildings: Causes and Methods of Prevention, 1 February 2006, Marmoul Camp, PDO, Oman
9. Why Buildings Collapse (in Arabic), 12 December 2005, Cultural Club, Oman
10. Health and Safety: the way to a safe life, 19 March 2005, Department of Electrical and Computer Engineering, SQU
11. Hazardous Materials: Identification and Management, 16-18 January 2005, College of Engineering, SQU
12. Steel Structures: The Right Choice for the Industry, 20 March 2004, Department of Civil and Architectural Engineering, SQU
13. Prediction of the Degradation of Connection Characteristics at Elevated Temperature, 7 May 2003, Caledonian College of Engineering, Oman
14. Prediction of the Degradation of Connection Characteristics at Elevated Temperature, 2 October 2002, Department of Civil and Architectural Engineering, SQU

5. SERVICE

a) ASSISTANT DEAN FOR POSTGRADUATE STUDIES AND RESEARCH

- Served as an Assistant Dean for Postgraduate Studies and Research from 2006 - 2010.

b) COMMITTEES

i) National

1. Member, Industrial Advisory Board, Faculty of Information Technology, Sohar University, 2014 – present
2. Member, Oman-Poland Parliamentary Friendship Committee, the State Council, 2014-present
3. Member, National Committee for Safety and Occupational Health, 2013 – present
4. Member, SQU-Ministry of Heritage and Culture, 2012 – present
5. Member, Education Committee – State Council, 2011 – present
6. Member, National committee for the development of research and innovation, 2009 - 2010
7. Member, Technical Committee for the earthquake monitoring Centre, 2006-2010

ii) University

1. Chair, Feasibility study and specifications of SQU Central Chemical Store, 2010-2014
2. Member, Adhoc Research violation fact finding committee, 03/2009-09/2009
3. Chair, HSE Code of Practice Committee, 2009-2014
4. Member, Seismic Hazard Assessment of Oman Committee, 2009 – 2015
5. Member, Quality Audit Committee (QAC)- Sub-Committee on Student Learning by Research Program, 09/2008 – 02/2009
6. Member, Adhoc Committee for Setting up criteria for Best Researcher's Award, Best Teaching Award, Best Student's Award and Best Student's Research Award, 09/2008 – 02/2009
7. Member, Board of Postgraduate studies and Research, 2006-2010
8. Member, Safety and Security Committee, 2006-2010
9. Member, University Scientific Equipment Committee, 2003-2004

iii) College

1. Member, College Board, 2006-2010, 2011-present
2. Member, Executive Committee, 2006-2010, 2011-present
3. Member, College Strategic Planning & Development committee, 2006-2010, 2011-present
4. Academic Promotions Committee, 2011-present
5. Accommodation Committee, 2011-present
6. ABET Accreditation Committee 2011-present
7. Chair, CoE-CoS Open Day, 3 April 2010

8. Chair, College of Engineering Retreat day, 25 March 2010
9. Chair, Safety and Security Committee, 2008-2011
10. Chair, Postgraduate and Research Committee, 2006-2010
11. Chair, Best project evaluation committee in the 3rd Students Engineering gathering, 14 April 2008
12. Chair, Adhoc. Committee for Setting up and revising Job Description for Technical Staff, 2008
13. Chair, Health Safety and Environment (HSE) Committee, 2004-2006
14. Member, Technical Staff Committee, 2004-2006
15. Chair, Organizer & Participant, College of Engineering HSE Workshop 2005 (HSEW05), organized by HSE Committee, College of Engineering, 16-18 January, 2005
16. Organizer & Participant, Workshop on electrical safety, organized by Department of Electrical and Computer, College of Engineering, 6 April 2003
17. Member, HSE Committee, 2003-2004
18. Chair, Safety and Technical Staff Committee, 2000-2003

iv) Department

1. Chair, Department Board, 2011-present
2. Chair, Accreditation Committee for Civil Engineering Program, 2011-present
3. Chair, Accreditation Committee for Architectural Engineering Program, 2011-present
4. Chair, Recruitment Committee, 2011-present
5. Chair, Academic Promotions Committee, 2011-present
6. Chair, Student-Staff Liaison Committee, 2011-present
7. Chair, Strategic Planning Committee, 2011-present
8. Chair, Curriculum Committee, 2011-present

9. Chair, Student Advising Committee, 2011-present
10. Chair, Examination Committee, 2011-present
11. Chair, International Workshop on Fire Safety Engineering and Management, 2010-2011
12. Member, Organising Committee, 2nd International Conference on Coastal Zone Engineering and Management (Arabian Coast 2010), 1-3 November 2010, 2009-2010
13. Member, Examination Committee, 2009-2011
14. Member, Accreditation Committee (Architectural Engineering Program), 2007-2007
15. Chair, Structures Focus Area Group, 2005-2006
16. Member, Organising committee, Third Gulf Conference on Roads, March 6-8, 2006, 2004-2006
17. Chair, Publication and IT committee, Third Gulf Conference on Roads, March 6-8, 2006, 2004-2006
18. Member, Accreditation Committee (Civil Engineering Program), 2000-2006
19. Coordinator, Seminars and publicity, 2000-2006
20. Coordinator, Department Laboratory Committee, 2000-2006
21. Member, Department Student/Staff Liaison Committee, 2000-2002
22. Member, Departmental Translation Committee, 2000
23. Coordinator, Text books order and Library, 2000

c) PROFESSIONAL SERVICE

Peer Reviewer for articles submitted to:

(i) International Journals

1. Transportation Geotechnics (1, 2014)
2. Proceedings of the Institution of Civil Engineers (ICE) – Ground Improvement Journal (1, 2014)
3. Journal of King Saud University: Engineering Sciences (1, 2014)
4. Advances in Materials Science and Engineering (1, 2013)
5. Proceedings of the Institution of Civil Engineers (ICE) – Structures and Buildings (1, 2013)
6. Scientia Iranica, International Journal of Science and Technology (1)
7. The Arabian Journal of Science and Engineering (2, one in May 2014)
8. Journal of Structural Engineering, ASCE (2, one in May 2014)
9. ACI SP (Special Publication): Innovations in Fire Design of Concrete Structures, ACI (1)
10. Environmental Engineering and Management Journal (1)
11. KSCE Journal of Civil Engineering, Springer (3, one in 2014)
12. Fire and Materials (2)
13. The HKIE Transactions (1)
14. Construction and Building Materials (4, one in May 2014)
15. Journal of the Franklin Institute (2)
16. Mechanics of Advanced Materials and Structures (1)
17. Structural Fire Engineering Journal (2)

18. Fire Safety Journal (1)
 19. Journal of Materials in Civil Engineering, ASCE (3)
 20. Building and Environment (1)
 21. Energy and Buildings (2)
 22. Engineering Structures (4)
 23. Journal of Pure & Applied Sciences, University of Sharjah (2)
 24. Environmental Management (2)
 25. International Journal of Steel Structures (4), one in 2013
 26. The Structural Engineer, Institution of Structural Engineers, UK (2)
 27. Advances in Structural Engineering (2) one in 2014
 28. Journal of Hazardous Materials (3)
 29. Cement and Concrete Composites (2)
 30. Resources Conservation and Recycling Journal (2)
 31. Journal of Scientific Research and Essays (2)
 32. Journal of Structural Engineering and Mechanics (2)
 33. The Journal of Engineering Research (TJER) (6)
- (*) indicates number of papers reviewed*

(ii) International Conferences

1. Symposium and exhibition of Quality Control Laboratories in Structural Projects, 21-23 April 2013, Riyadh, Saudi Arabia (2)
 2. 2013 Architectural Engineering Institute (AEI) Conference, 3-5 April 2013, the Pennsylvania State University, Pennsylvania, USA (3)
 3. 7th Seventh International Conference on Structures in Fire, 6-8 June, 2012, Zurich, Switzerland
 4. 11th Arab Structural Engineering Conference (11th ASEC), 27-29 October 2009, Dhahran, Saudi Arabia (3)
 5. 11th International Conference on Optimum Design of High Performance Structures and Materials in Engineering (OPTI2009), 8-10 June 2009, Algarve, Portugal (7)
 6. 4th International Conference on High Performance Structures and Materials (HPSM2008), 12-14 May 2008, The Algarve, Portugal. (6)
 7. 3rd International Conference on High Performance Structures and Materials (HPSM2006), 3-5 May 2006, Ostend, Belgium (4)
 8. 3rd Gulf Conference on Roads, 6-8 March 2006, Muscat, Sultanate of Oman (2)
 9. 2nd International Conference on High Performance Structures and Materials (HPSM 2004), 31 May – 2 June 2004, Ancona, Italy. (4)
- (*) indicates number of papers reviewed*

(III) Research Proposals/Promotion cases/Academic Programs

1. Reviewer, research proposal number PDRA2-1027-14030, February 2015, Qatar National Research Fund (QNRF), Qatar
2. Reviewer, promotion case to rank of Professor, January 2015, Mu'tah University, Jordan
3. Reviewer, research proposal number NPRP 7 - 504 - 2 – 193, February 2014, Qatar National Research Fund (QNRF), Qatar

4. Reviewer, promotion case to rank of Professor, February 2014, Caledonian College of Engineering, Oman.
5. Reviewer of Civil Engineering program submitted for approval to the Ministry of Higher Education, March 2014
6. Reviewer of Academic Promotion Cases for Candidates from the Department of Civil and Architectural Engineering and College of Engineering, 2011-present
7. Reviewer of an Engineering Management Master program submitted for approval to the Ministry of Higher Education, November 2013
8. Reviewer, Courses for Structural Fire Engineering at NUST, Pakistan, October 2013.
9. Evaluator, promotion case to an Associate Professor, June 2013, Al-Isra Private University, Amman, Jordan.
10. External Reviewer of a research proposal, The Portuguese Foundation for Science and Technology, Portugal, July 2012
11. Reviewer of a Construction Engineering Program submitted to the Ministry of Higher Education, April 2012
12. Reviewed proposals submitted annually for HM Trust Fund grant (From 2007-2009).

(IV) Postgraduate Programs at SQU

1. Reviewed postgraduate programs and research proposals that were submitted from different departments to the University administration for approval such as MEng programs by course work, MSc program in Environmental Engineering and MSc program in Chemical Engineering.
2. Reviewed proposals submitted by other Colleges and Centres for new MSc and PhD programs and research grants to the University board of postgraduate studies and research.

External Examiner/Member Thesis Committee

(I) Universities/Colleges

1. **External Advisor and Reviewer:** Fire Safety Engineering and Management Program, 25-27 February 2013, International College of Engineering and Management, Oman (appointed by University of Central Lancashire, UK).
2. **External Assessor:** appointed by Glasgow Caledonian University, Scotland, UK for Civil Engineering and Built Environment Department, Caledonian College of Engineering (CCE), Muscat, Oman. Duties include continuous assessment of student's performance as well as monitoring performance levels and academic standards of the college to ensure they meet the international academic standards. Period: September 2002-August 2007.
3. **External Advisor and Reviewer:** appointed by University of Central Lancashire, Department of Built Environment, UK for Stage 2 validation of BSc (Hons) Fire Safety (Engineering) and BSc (Hons) Fire Safety Management program proposed for Department of Fire Safety Engineering, The Fire Safety Engineering College, Oman. 26-27, March 2007

(II) PhD Thesis

1. **External Examiner:** PhD Thesis
Mr Rashid Khan
Department of Mechanical and Industrial Engineering, SQU,
23 March 2014
2. **External Examiner:** PhD Thesis
Mr G. S. Venkatasubramani
Bharathiar University, India, 2008
3. **External Examiner:** PhD Thesis
Name: Ms Bronwyn Susan van Gool
James Cook University, Australia, 2007

(III) Msc/Meng Thesis

1. **External Examiner,** MSc thesis examining committee for Mr. Fadhel Ibrahim Eid, 23 October 2014, Department of Information Technology, The Arabian Gulf University, Bahrain.
2. **Internal Examiner and Member,** MSc thesis examining committee for Ms. Prerana Chitrakar, Department of Civil and Architectural Engineering, 30 September 2014.
3. **Member:** MSc thesis examining committee for Mr. Ahmed Mahmood Al-Lawati, Department of Civil and Architectural Engineering, May 2014.
4. **External Examiner,** MSc thesis examining committee for Mr. Ahmed Albi, 27 March 2014, Department of Information Technology, The Arabian Gulf University, Bahrain.
5. **Member:** MSc thesis examining committee for Mr. Prashob Prasad Pillay, Department of Civil and Architectural Engineering, September 2013.
6. **Member:** MSc thesis examining committee for Ms. Ahlam Yahya Al-Anbori, Department of Civil and Architectural Engineering, 2013.
7. **External Examiner,** MSc thesis examining committee for Mr. Yousuf Al-Shijbi, Department of Earth Sciences, College of Science, 2013.
8. **Member:** MSc thesis examining committee for Mr. Aysser Abduljalil Ishtieh, Department of Civil and Architectural Engineering, 2012.
9. **Member:** MSc thesis examining committee for Mr. Al-Yaqdhan Abdullah Al-Harthy , Department of Civil and Architectural Engineering, 2012.
10. **Member:** MSc thesis examining committee for Mr. Khalid Hamood Al Riyami , Department of Civil and Architectural Engineering, 2012.
11. **Member:** MSc thesis examining committee for Ms. Sabriya Sulaiyam Said Al Aamri, Department of Civil and Architectural Engineering, 2012.
12. **Member:** MSc thesis examining committee for Mr. Zahran Saif Salim Al-Kamyani, Department of Civil and Architectural Engineering, 2012.
13. **Chair:** PhD Thesis Examining Committee for Ms. Hanaa Salim Ahmed Al-Sulaimani, Department of Petroleum and Chemical Engineering. 2012
14. **Chair:** MSc thesis examining committee for Ms. Khalida Al-Hakmani, Department of Mechanical and Industrial Engineering. 2011

15. **Chair:** MSc thesis examining committee for Ms. Fatma Al-Azani, Department of Electrical and Computer Engineering, 2010
16. **Member:** MSc thesis examining committee for Mr. Ibrahim Ali Al-Belushi, Department of Civil and Architectural Engineering, 2010.
17. **Chair:** MSc thesis examining committee for Mr. Ibrahim Said Salem Al-Sinani, Department of Petroleum and Chemical Engineering, 2009
18. **Chair:** MSc thesis examining committee for Mr. Bader Salem Al-Ghunaimi, Department of Electrical and Computer Engineering, 2003.

Book/Journal Service

Member in the Editorial/Advisory Board for the following Journals:

1. Guest Editor, Journal of Structural Fire Engineering, Volume 5, Number 1, March 2014.
2. International Journal of Engineering (IJE), 2010 – present
3. International Journal of Civil Engineering, 2009-present
4. Editorial Board, WIT Transactions on Engineering Sciences, 2003-present
5. Journal of Structural Fire Engineering, 2009-present
6. Caledonian Journal of Engineering, 2008-present
7. Journal of Disaster Advances, January. 2008-present
8. International Editorial Board of the Book Series High Performance Structures and Materials, 2003-present.
9. Journal of Scientific Research and Essays, 2006- present.
10. Editorial Review Board, Scientific Journals International, 2007-present.

Consultancy Service

1. **Al-Jabri, K. S.**, Hago, A. W., Hossam, F., Mohammedzain, Y. (2014) “Study of Cracks in Mass Concrete in Bridge Foundation of Bidbid-Sur Road Section 1, Consultancy Report submitted to ASTADLI-OSKAR JV company, Project No. CR/ENG/CAED/14/01, Department of Civil and Architectural Engineering, SQU, Oman.
2. Review of GSO6/ISO 1920-1 to 7/2007: Testing of Concrete Parts 1 to 7 received for the Director General of Standardization and Measurements, Ministry of Commerce, for possible adaptation as unified code of practice for GCC countries, **March 2007.**
3. Hago, A. W., **Al-Jabri, K. S.**, and Ali Al—Nuaimi, Investigation of the Deterioration of Potable Storage Tanks at Wudam Naval Base, Oman. **November 2003**

Conference/Workshop/meetings Service

- (I) **Member**

1. Planning Committee, ICE Convention for Middle East and Africa, 19-21 October 2015, Sultanate of Oman
2. Organizing Committee, World Congress and Exhibition on Construction and Steel Structure, November 16-18, 2015, Dubai, UAE.
3. International Advisory committee, The First International Conference on Structural Safety under Fire & Blast (CONFAB 2015), 2-4 September 2015, Glasgow, Scotland, UK
4. Advisory Committee, International Conference on Advances in Green Energy, 2014 (ICAGE'14), 17-18 December 2014, Kerala, India
5. Jury Team member for best papers award, Symposium and Exhibition for Quality Control Laboratories in Structural Projects, 21-23 April 2013, Riyadh, Saudi Arabia.
6. International Scientific Committee, 2013 Architectural Engineering Institute (AEI) Conference, 3-5 April 2013, the Pennsylvania State University, Pennsylvania, USA
7. Steering Committee, Organising Committee, Public Relation Committee, 8th Gulf Seismic Forum, 3-6 March 2013, Muscat, Oman.
8. Scientific and Technical Advisory Committee, UKIERI Concrete Congress - Innovations in Concrete Construction, 5-8 March 2013, Jalandhar, Punjab, India.
9. Scientific Committee, Seventh International Conference on Structures in Fire, June 6-8, 2012, Zurich, Switzerland.
10. Poster Competition Jury, Track 1: Steel Structures, Connections, and Bolts, Six International Conference on Structures in Fire, 2-4 June 2010, Michigan, USA.
11. Sultanate of Oman Delegate, Round Table Meeting (2): University Research, Robotics and Advanced Manufacturing, Sultanate of Oman & Pittsburgh Friendship, Cooperation & Partnership, 11-12 April 2010, Al-Bustan Palace, Muscat, Oman
12. Workshop on Basic Safety Training, SQU, Spring 2009
13. International Scientific Advisory Committee, 11th International Conference on Optimum Design of High Performance Structures and Materials in Engineering (OPTI2009), 8-10 June 2009, Algarve, Portugal.
14. Sultanate of Oman's delegate, 15th GCC Science and Technology Research Meeting, 9-10 September 2007, General Secretariat, GCC Council, Riyadh, Saudi Arabia.
15. International Scientific Advisory Committee, 4th International Conference on High Performance Structures and Materials (HPSM2008), 12-14 May 2008, Algarve, Portugal.
16. International Scientific Advisory Committee, 10th International Conference on Optimum Design of High Performance Structures and Materials in Engineering (OPTI2007), 7-9 May 2007, Myrtle Beach, South Carolina, USA
17. International Scientific Advisory Committee, 3rd International Conference on High Performance Structures and Materials (HPSM2006), 3-5 May 2006, Ostend, Belgium.
18. Organising Committee, 3rd Gulf Conference on Roads, 6-8 March 2006, Muscat, Sultanate of Oman.

19. Technical Committee, 1st National Conference on Design and Construction practices in Hot and Arid Regions (DCPHAR), 22nd March 2004, Oman.
20. International Scientific Advisory Committee, 2nd International Conference on High Performance Structures and Materials (HPSM 2004), 31 May – 2 June 2004, Ancona, Italy.
21. Consultancy team, investigating the Deterioration of Potable Storage Tanks at Wudam Naval Base, Oman. November 2003.
22. Workshop on electrical safety, organized by Department of Electrical and Computer, College of Engineering, 6 April 2003.

(II) Keynote / Invited Speaker

1. The Arabian Gulf University, Bahrain, 22 October 2014
2. International Conference on Structural Fire Safety and Design, 2-3 July 2013, Islamabad, Pakistan.
3. Symposium and Exhibition for Quality Control Laboratories in Structural Projects, 21-23 April 2013, Riyadh, Saudi Arabia.
4. Oman Gas Company, 2 January 2011.
5. Optical Communications and Sensing Workshop, 17 January 2010, SQU, Oman.
6. 1st International Conference on Recycling and Reuse of Materials ICRM 2009, 17-19 July 2009, Kottayam, India.
7. 5th International Symposium on Steel Structures (ISSS'09), 12-14 March 2009, Seoul, South Korea.
8. Directorate General of Specifications and Standardization, Ministry of Commerce and Industry, 22 October 2009.
9. Sultan Qaboos Centre for Islamic Culture, 29 April 2008.
10. 4th International Symposium on Steel Structures, 16-18 November 2006, Seoul, South Korea.
11. 3rd International Conference on High Performance Structures and Materials (HPSM2006), 3-5 May 2006, Ostend, Belgium.
12. 1st National Conference on Design and Construction practices in Hot and Arid Regions (DCPHAR), 22nd March 2004, Oman.
13. 2nd International Conference on High Performance Structures and Materials (HPSM 2004), 31 May – 2 June 2004, Ancona, Italy.

(III) Session Chair

1. Session II, Workshop in Seismic Hazard Assessment for Oman, 22 February 2015, SQU, Muscat, Oman
2. Session 7a: Steel Structures (II), 8th International Conference on Structures in Fire – SIF'2014, 12 June 2014m Shanghai, China.
3. Session 6C: Innovative Building Materials, 2013 Architectural Engineering Institute (AEI) Conference, 4 April 2013, the Pennsylvania State University, Pennsylvania, USA
4. Session 6, Symposium and Exhibition for Quality Control Laboratories in Structural Projects, 23 April 2013, Riyadh, Saudi Arabia.

5. Session 2b: Seismic Networking, 8th Gulf Seismic Forum, 4 March 2013, Muscat, Oman.
6. Session 9, International Workshop on Fire Safety Engineering and Management (IWFSEM2011), 9 March 2011, Muscat, Oman
7. Recycling and Reuse of Polymers – I, 1st International Conference on Recycling and Reuse of Materials ICRM2009, 17 July 2009, Kottayam, India.
8. Session 3B-1: Civil Engineering – Structures V, The Third International Conference on Modeling, Simulation and Applied Optimization (ICMSAO'09), January 22, 2009, Sharjah, UAE.
9. Teaching Technologies and Engineering Education, International Conference on Engineering Professional Ethics and Education (ICEPEE'08), 13 -15 May 2008, Kuala Lumpur, Malaysia.
10. High performance concretes (II) and Adhesion and Adhesives session, 3rd International Conference on High Performance Structures and Materials (HPSM2006), 3-5 May 2006, Ostend, Belgium.
11. Intelligent Transportation Systems (ITS); 3rd Gulf Conference on Road, 6-8 March 2006, Sultan Qaboos University, Oman.
12. Traffic Operations and Safety; 3rd Gulf Conference on Road, 6-8 March 2006, Sultan Qaboos University, Oman
13. Session 5E: Concrete and Construction Materials I, 2nd International Conference on Structural Engineering, Mechanics and Computation (SEMC 2004), 5-7 July 2004, Cape Town, South Africa.
14. Technical Session I: Concrete Design and Construction Practices, 1st National Conference on Design and Construction practices in Hot and Arid Regions (DCPHAR), 22nd March 2004, Oman.

(IV) Chair

1. Organizing Committee, Fifth International Conference on Estuaries and Coasts (ICEC 2015), November 2–4, 2015, Muscat, Sultanate of Oman
2. Organizing Committee, International Workshop on Fire Safety Engineering and Management (IWFSEM2011), 7-9 March 2011, Muscat, Oman.
3. Workshop on Safety, College of Engineering, SQU, 26 January 2009.
4. Publication and IT Committee, 3rd Gulf Conference on Roads, 6-8 March 2006, Muscat, Sultanate of Oman.
5. College of Engineering HSE Workshop 2005 (HSEW05), organized by HSE Committee, College of Engineering, SQU, 16th-18th January, 2005.

d) SERVICE TO THE PUBLIC

1. Interview in Oman TV on the organization of International Workshop on Fire Safety and Management, 7th March 2011, Oman
2. Interview in Oman TV on the use of copper slag as a construction material, Bridges program, 3rd August 2009, Oman.
3. Presented a lecture on behalf of SQU at a colloquium to discuss Scientific Research in Oman: present situation and future plans, organised by Sultan Qaboos Center for Islamic Culture, 29 April 2008.
4. Lecture delivered to public on the causes of deterioration and collapse of buildings at the cultural club, Muscat, 12 December 2005 and at Marmoul Camp., PDO, 1st February 2006.
5. Attended Regional Conference on Recent Trends in Maintenance Management, 2nd October 2005, Hotel Crown Plaza, Muscat
6. Attended, 1-day seminar on Health Impact Assessment (HIA) Capacity-Building in Oman, Ministry of Health and World Health Organisation (WHO), Radisson SAS, 2nd May 2005
7. Acted as seminars and publicity coordinator for the Department of Civil and Architectural Engineering since Fall 2000 inviting academics and practicing engineers to give seminars in the department.
8. Organizing Seminars at the University in collaboration with the Industry which were attended by practicing Engineers and Academics
9. Initiating contacts with industrial Companies for training and recruiting students graduated from the department.
10. Delivering lectures to academic colleges such as Caledonian college of Engineering and Fire Safety Engineering College
11. Attended, the Fifth Gulf Engineering Symposium: Gulf Engineer and Future Prospects, 18-20 February 2001, Muscat, Oman
12. Attended, Symposium on the Vocational Training in GCC Countries, November, 2001
13. Member in the scientific committee of the first national conference in concrete practice in hot climate, organized by Caledonian College of Engineering, March 2004
14. Organised Seminar on "Elkem Microsilica for Durable and High Strength Concrete", Organised by Elkem Materials and Arabian Trading Est. and Sultan Qaboos University, Sultan Qaboos University, 9 May 2004.

e) SCIENTIFIC AND PROFESSIONAL SOCIETIES

Fellow Member, International Congress of Disaster Management (FICDM): 2008-present

Institution of Structural Engineers (IStructE): 1993-2012

American Society of Civil Engineers (ASCE): 2000-2003

6. SCHOLARLY ACHIEVEMENTS

a) REFEREED JOURNAL PAPERS

1. Waris, M. B., Alia, N., and **Al-Jabri, K.** “Use of recycled tire in concrete for partial aggregate, replacement”, APCBEE Procedia 2014, in press
2. El-Hussain, I., Deif, A., Mohamed, A.M.E., **Al-Jabri, K.**, Gareth, B., and Yaqoup, H. “Deterministic Seismic Hazard Assessment Close to a Gas Field in Northern Oman”, Arab J Geosci 2014, in press.
3. Al-Jabri, K., and Shoukry, H. “Use of nano-structured Waste Materials for Improving Mechanical, physical and Structural Properties of Cement Mortar”, Construction and Building Materials 2014, 73:636-644.
4. El-Hussain, I., Mohamed, A.M.E., Deif, A., Al-Rawas, G., **Al-Jabri, K.**, and Pekman, G., “Delineation of a Paleo-channel Utilizing Integrated Geophysical Techniques at Port of Duqm Area, Sultanate of Oman”, J. Geophys. Eng. 2014, 11 (18pp).
5. El-Hussain, I., Deif, A., **Al-Jabri, K.**, Mohamed, A.M.E., El-Hady, S., Al-Habsi, Z., “Efficiency of Horizontal-to-Vertical Spectral Ratio (HVSR) in Defining the Fundamental Frequency in Muscat Region, Sultanate of Oman: a Comparative Study”, Arab J Geosci 2014, 7(6): 2423–2436.
6. El-Hussain, I., Deif, A., **Al-Jabri, K.**, Mohamed, A.M.E. Al-Rawas, G., Toksoz, M.N., Sundararajan, N., El-Hady, S., Al-Hashmi, S., Al-Toubi, K., Al-Saifi, M., Al-Habsi, Z., “Seismic Microzonation for Muscat Region, Sultanate of Oman”, Nat Hazard 2013, 69:1919-1950
7. Deif, A., El-Hussain, I, **Al-Jabri, K.**, Tokosoz, N., El-Hady, S., Al-Hashmi, S., Al-Toubi, K., Al-Shijbi, Y., Al-Saifi, M., “Deterministic seismic hazard assessment for Sultanate of Oman”, Arab J Geosci 2013, 6:4947-4960.
8. **Al-Jabri, K.**, Baawain, M., Taha, R., Al-Kamyani, Z. S., Al-Shamsi, K., and Ishtieh, A., “Potential use of FCC spent catalyst as partial replacement of cement or sand in cement mortars”, Construction and Building Materials 2013, 39:77-81.
9. Alshamsi, K., Baawain, M., **Aljabri, K.**, Taha, R., and Al-kamyani, Z., “Utilizing Waste Spent Catalyst in Asphalt Mixtures”, Precedia – Social and Behavioral Sciences 2012, 53:326-334.
10. El-Hussain, I., Deif, A., **Al-Jabri, K.**, Tokosoz, N., El-Hady, S., Al-Hashmi, S., Al-Toubi, K., Al-Shijbi, Y., Al-Saifi, M., and Kuleli, S., “Probabilistic Seismic Hazard Maps for the Sultanate of Oman”, Nat Hazard 2012, 64:173-210.
11. Taha, R., Al-Kamyani, Z., **Al-Jabri, K.**, Baawain, M., and Al-Shamsi, K., “Recycling of waste spent catalyst in road construction and masonry blocks”, Journal of Hazardous Materials 2012, 229-230:122-127.
12. **Al-Jabri, K S.**, and Al-Jahwari, F. K., “Advanced Finite Element Modelling of Flexible End-Plate Beam-to- Column Joints in Fire”, Journal of Structural Fire Engineering 2012, 3(1):71-80.
13. **Al-Jabri, K. S.**, Al-Saidy, A. H., Taha, R., and Al-Kemyani, A. J., “Effect of Using Wastewater on the Properties of High Strength Concrete”, Procedia Engineering 2011, 14: 370-376.

14. Al-Saidy, A.H., and **Al-Jabri, K.S.** “Effect of Damaged Concrete Cover on the Behavior of Corroded Concrete Beams Strengthened with CFRP Sheets”, Composite Structures 2011, 93(7): 1775-1786.
15. Hassan, H. F., and **Al-Jabri, K.**, “Laboratory Evaluation of Hot Mix Asphalt Concrete Containing Copper Slag Aggregate”, Journal of Materials in Civil Engineering 2011, 23(6): 879-885.
16. **Al-Jabri, K. S.**, “Modelling and Simulation of Beam-to-Column Joints at Elevated Temperature: A Review”, Journal of the Franklin Institute 2011, 348(7): 1695-1716
17. Taha, R., Al-Harthy, A. S., and **Al-Jabri, K. S.**, “Use of Production and Brackish Water in Concrete”, International Journal of Sustainable Water & environmental Systems 2010, 1(2):39-43.
18. **Al-Jabri, K. S.**, and Al-Alawi, S. M. “An Advanced NN Modelling of the Rotational Behaviour of Semi-rigid Composite Joints in Fire Using the Back-propagation Paradigm”, International Journal of Steel Structures, 2010, 10(4):337-347.
19. **Al-Jabri K. S.**, Al-Saidy, A. H., and Taha, R. “Effect of Copper Slag as a Fine Aggregate on the Properties of Cement Mortars and Concrete”, Construction and Building Materials Journal 2011, 25:933-938.
20. Taha, R. A., **Al-Jabri, K.S.**, and Al Wahaibi. T., “Development of Cementitious Materials from Wastes and By-products Generated in Oman”, Journal of Materials Science and Engineering 2011; 5(4).
21. **Al-Jabri, K. S.**, and El-Hussain, I. “Towards a Seismic Hazard Assessment in Oman”, International Journal of Civil Engineering 2010; 2(1):61-79.
22. Al-Saidy, A.H., Al-Harthy, A.S., **Al-Jabri, K.S.**, Abdul-Halim, M., Al-Shidi, N.M., “Structural Performance of Corroded RC Beams with CFRP Sheets”, Composite Structures 2010, 92:1931-1938.
23. Alnuaimi, A.S., Hago, A.W., **Al-Jabri, K.S.**, Al-Saidy, A.H., “Investigation on the Flexural Behaviour of Ferrocement Pipes and Roof Panels Subjected to Bending Moment”, Structural Engineering and Mechanics 2009, 33(4):503-527
24. **Al-Jabri, K. S.**, Hisada, M., Al-Oraimi, S. K., and Al-Saidy, A. H. “Copper Slag as Sand Replacement for High Performance Concrete”, Cement and Concrete Composites 2009; 31:483-488
25. **Al-Jabri, K. S.**, Al-Alawi, S. M., Al-Nuaimi A. S., and Al-Saidy, A. H., "An Artificial Network Model For Semi-Rigid Joints Behaviour in Fire", Advanced Steel Construction 2009; 5(4):452-464
26. Shirh, A., Adeeb, R. and **Al-Jabri, K. S.**, “Finite Element Analysis of Flush End-plate Bare Steel Connection at Elevated Temperature”. Advances in Structural Engineering 2009; 12(3):311-324
27. **Al-Jabri, K. S.**, Hago, A. W. Taha, R, Alnuaimi A. S., and Al-Saidy, A. H., "Strength and Insulating Properties of Building Blocks Made from Waste Materials", Journal of Materials in Civil Engineering 2009, 21(5):191-197.
28. **Al-Jabri, K. S.**, Hisada, M., Al-Saidy, A. H., and Al-Oraimi, S. K. “Performance of High Strength Concrete Made with Copper Slag as a Fine Aggregate”, Construction and Building Materials 2009, 23:2132-2140.
29. Al-Saidy, A. H., Klaiber, F. W., Wipf, T. J., **Al-Jabri, K. S.**, and Al-Nuaimi, A. S., “Parametric Study on the Behaviour of Steel-Concrete Composite Girders

- Strengthened with Carbon Fiber Reinforced Polymer Plates”, Construction and Building Materials 2008, 22:729-737.
30. Al-Nuaimi, A., **Al-Jabri K. S.**, and Hago A. “Comparison between Solid and Hollow Reinforced Concrete Beams” Materials and Structures 2008; 41:269-286
 31. **Al-Jabri, K. S.**, Davison, J. B., and Burgess, I. W., "Performance of Beam-to-Column Joints in Fire - A Review", Fire Safety Journal 2008, 43:50-62.
 32. **Al-Jabri, K. S.**, “Fire Public Awareness in Oman”, Journal of Scientific Research and Essay 2007, 2(8):468-475.
 33. **Al-Jabri K. S.** “Behavior of Steel-framed Buildings in a Fire”, Steel Structures 2007, 7:227-237.
 34. **Al-Jabri K. S.** and Al-Alawi S. M. “Predicting the Behaviour of Semi-rigid Joints in Fire using an Artificial Neural Network”, Steel Structures 2007, 7:209-217.
 35. Al-Harthy, A. S., Abdel Halim, M., Taha, R., and **Al-Jabri, K. S.**, "The Properties of Concrete Made of Fine Dune Sand", Construction and Building Materials 2007;21:1803-08.
 36. Taha, R. A., Al-Nuaimi, A. S., **Al-Jabri, K. S.** and Al-Harthy, A. S., "Evaluation of Controlled Low Strength Materials Containing Industrial By-Products", Building and Environment 2007;42:3366-72.
 37. Alnuaimi, A. S., **Al-Jabri, K. S.** and Hago, A. W., “Direct Design of T-Beams for Combined Load of Bending and Torsion”, The Journal of Engineering Research 2007, 4(1):23-36.
 38. **Al-Jabri, K. S.**, Taha, R. A., Al-Hashmi, A. and Al-Harthy, A. S., "Effect of Copper Slag and Cement By-Pass Dust Addition on Concrete Properties", Construction and Building Materials 2006; 20:322-331.
 39. **Al-Jabri, K. S.**, Seibi, A. and Karrech, A., "Modelling of Un-stiffened Flush End-plate Bolted Connections in Fire, Journal of Constructional Steel Research 2006, 62:151-59.
 40. Hassan, H. F. and **Al-Jabri, K. S.**, "Effect of Organic Fibers on Open-Graded Friction Course Mixture Properties", International Journal of Pavement Engineering 2005; 6(1):67-75.
 41. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J, “Spring-Stiffness Model for Flexible End-Plate Bare-steel Joints in Fire”, Journal of Constructional Steel Research 2005; 61:1672-91.
 42. **Al-Jabri, K. S.**, Hago, A. W., Al-Nuaimi, A. S. and Al-Saidy, A. H., "Concrete Blocks for Thermal Insulation in Hot Climate", Cement and Concrete Research 2005, 35:1472-79.
 43. **Al-Jabri, K. S.**, Burgess, I. W., Lennon, T. and Plank, R. J, “Moment-Rotation-Temperature Curves for Semi-Rigid Joints”, Journal of Constructional Steel Research 2005; 61:281-303.
 44. Hago, A. W., **Al-Jabri, K. S.**, Al-Nuaimi, A. S., Al-Moqbali, H. and Al-Kubaisy, M. A. "Ultimate and Service Behaviour of Ferrocement Slab Panels" Construction and Building Materials 2005; 19(1):31-37.

45. **Al-Harthy, A. S.**, Taha, R., Abu-Ashour J. and **Al Jabri, K.**, "Effect of Water Quality on the Strength of Flowable Fill Mixtures", Cement and Concrete Composites 2005; 27:33-39.
46. **Al-Jabri, K. S.**, "Component-Based Model of the Behaviour of Flexible End-Plate Connections at Elevated-Temperatures", Composite Structures 2004; 66(1-4):215-21.
47. Taha, R., Al-Rawas, A., **Al-Jabri, K.**, Al-Harthy, A., Hassan, A. and Al-Oraimi, S., "An Overview of Waste Materials Recycling in the Sultanate of Oman", Resources Conservation and Recycling 2004, 41:293-306.
48. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J., "Prediction of the Degradation of Connection Characteristics at Elevated Temperature", Journal of Constructional Steel Research 2004, 60: 771-81.
49. **Al-Jabri, K. S.**, Hago, A. W., Al-Nuaimi, A. S and Al-Mahrouqi, S. "Analysis of Fire Data in Oman", Science and Technology 2003, 8:120-29.
50. **Al-Jabri, K.**, Taha R., Al Harthy A., Al-Oraimi, S. and Al-Nuaimi, A., "Use of Cement By-Pass Dust in Flowable Fill Mixtures", Cement, Concrete, and Aggregates 2002, 24(2):53-57.
51. **Al-Jabri, K.**, Taha, R. and Al Ghassani, M. "Use of Copper Slag and Cement By-Pass Dust as Cementitious Materials", Cement, Concrete, and Aggregates 2002; 24(1):7-12.
52. **Al-Jabri, K. S.**, Burgess, I. W., Lennon, T., and Plank, R. J., "The Performance of Frame Connections in Fire", ACTA Polytechnica 1999; 39(5):65-75.
53. **Al-Jabri, K. S.**, Lennon, T., Burgess, I. W., and Plank, R. J., "Behaviour of Steel and Composite Beam-Column Connections in Fire", Journal of Constructional Steel Research 1998; 46(1-3):Paper No. 180.
54. Qamaruddin, M, **Al-Jabri, K. S.**, and Al-Oraimi, S., "Earthquake Response of Multistorey Masonry building with Friction Base Isolation", Bull. Ind. Soc. Earth. Techn. 1996; 33(3):215-27 [Paper No. 358].

b) Magazine and Newspaper Articles

1. **Al-Jabri, K.**, "Development and Parliamentary Work in Oman during the Last Four Decades", Oman Council Magazine, November 2012, pp. 22-25.
2. Ramaswamy, M., **Al-Jabri, K. S.**, "Plug That Leak", Climate Control Middle East, January 2010; 5(1):44-48.
3. **Al-Jabri, K. S.**, "Using Copper Slag as a Construction Material", Oman Observer, August 1, 2009, Oman.
4. **Al-Jabri, K. S.**, "Using Copper Slag as a Construction Material" (in Arabic), Alwatan, Vol. 39: Issue 9498, August 1, 2009, Oman.
5. Ramaswamy, M., **Al-Jabri, K. S.**, "CDM and the Green Movement in the Middle East", Climate Control Middle East, May 2009; 4(5):20-23

d) BOOK CHAPTERS

1. **Al-Jabri, K. S.**, “The Use of Industrial Wastes Materials and By-products on Cement Production”, Chapter 9, In: *High Temperature Processes in Chemical Engineering*, Lackner, M. (Editor.), ProcessEng Engineering GmbH, Vienna, May 2010.

e) CONFERENCE PROCEEDINGS

1. **Al-Jabri, K. S.**, “Recycling of Industrial by-products in the Construction Field in Oman – An Overview“, The International Conference on Environmentally Friendly Civil Engineering Construction and Materials, 13 – 14 November 2014 Manado, Indonesia.
2. **Al-Jabri, K. S.**, Prashob, P., Waris, M. B., and Pervez, T., “3D Finite Element Modelling of Beam-Column Flexible End-plate Composite Connections at Elevated Temperatures”, In: Proceedings of 8th International Conference on Structures in Fire, V. K. Kodur et al. (Editors), June 11-13, 2014, Shanghai, China, pp.869-876.
3. **Al-Jabri, K.**, Al-Kamyani, Z. Taha, R., Baawain, M., Al-Shamsi, K. and Al-Saidy, A. H. “Effect of Spent Catalyst as a Fine Aggregate on the Properties of Concrete”. In: Proceedings of The 2013 Architectural Engineering Institute (AEI) Conference, Chimay J. Anumba, and Ali M. Memari (Editors),: April 3-5, 2013, Pennsylvania, USA, pp. 662-669.
4. Taha, R. A., Al-Nasser, H. A., **Al-Jabri, K.S.**, Al-Nuaimi, A. S., and Al-Harthy, A. S. “Production of Nano-sized Particles from Cement Kiln Dust”, UKIERI Concrete Congress: Innovations in concrete Construction, 5-8 March, 2013, India.
5. Taha, R. A., Al-Nasser, H. A., **Al-Jabri, K.S.**, Al-Nuaimi, A. S., and Al-Harthy, A. S. “Use of Milled Cement Kiln Dust in Cement Mortars”, Third International Conference on Construction in Developing Countries (ICCIDC-III) : Advancing Civil, Architectural and Construction Engineering & Management, July 4-6, 2012, Bangkok, Thailand.
6. Al-Saidy, A. H., **Al-Jabri, K. S.**, Al-Harthy, A. S., and Al-Zedjali, S. M. “Textile Reinforced Mortar for Strengthening Reinforced Concrete Beams.”, In: ECCM15 – 15th European Conference on Composite Materials, 24-28 June 2012, Venice, Italy
7. **Al-Jabri, K.**, Al-Kamyani, Z. Taha, R., Baawain, M., Al-Shamsi, K. and Al-Saidy, A. H. “Performance of Concrete Made with Spent Catalyst as Cement Replacement”. fib Symposium STOCKHOLM 2012: Concrete Structures for Sustainable Community, 11-14 June 2012, Stockholm, Sweden.
8. **Al-Jabri, K.**, Al-Kamyani, Z. Taha, R., Baawain, M. and, Al-Shamsi, K. “Use of Spent Catalyst as an Additive Cementitious Material in Concrete and Masonry blocks”. ACI-KC 3rd International Conference and Exhibition, 8-10 May, 2012, Kuwait
9. **Al-Jabri, K. S.**, Al-Saidy, A. H., Ambu Ali, Y. Y., and Al-Kamyani, Z. “Effects of Elevated Temperatures on Properties of Concrete Made with Local Aggregates, ACI-KC 3rd International Conference and Exhibition, 8-10 May, 2012, Kuwait.
10. **Al-Jabri, K. S.**, Al-Azri, M., Al-Ismaili, A., and Al-Jahwari, F. “Finite Element Analysis of Beam-to-Column Joints at Elevated Temperatures”, 6th International Symposium on Steel Structures; 3-5 November 2011, Seoul, South Korea.

11. **Al-Jabri, K.**, Ishtieh, Y., Al-Kamyani, Z. Taha, R., Baawain, M. and, Al-Shamsi, K., “Use of FCC Spent Catalyst as Partial Replacement of Cement or/and Fine Aggregates in Cement Mortars”, In: International Symposium on Cement & Concrete Materials (ISCCM 2011), 7-9 November 2011, Ningbo, China.
12. **Al-Jabri, K. S.**, Al-Saidy, A. H., Taha, R., and Al-Kemyani, A. J., “Effect of Using Wastewater on the Properties of High Strength Concrete”, In: The Twelfth East Asia-Pacific Conference on Structural Engineering and Construction (EASEC-12), 24-26 January 2011, Hong Kong Special Administrative Region, China.
13. **Al-Jabri, K. S.**, and Cevik, A., “A New Formulation for Rotation of Bare-steel Joints at Elevated Temperatures Using Genetic Programming”, In: Proceedings of the International Conference on Computing in Civil and Building Engineering, W. Tizani (Editor), 30 June-2 July, 2010, Nottingham, UK, Nottingham University Press, Paper 207, p. 413.
14. **Al-Jabri, K.**, and Al-Jahwari, F., “Finite Element Analyses of Flexible End-plate Connections between Steel Beams and Columns at Elevated Temperatures”, In: Sixth International Conference on Structures in Fire (SiF'10), Kodur, V., and Franssen J-M (Editors), June 2-4, 2010, Michigan, USA, pp. 687-693.
15. **Al-Jabri, K. S.**, Taha, R., and Al-Saidy, A. H., “Effect of Using Non-Fresh Water on the Mechanical Properties of Cement Mortars and Concrete”, In: The Third International fib Congress and PCI Annual Convention & Exhibition, May 29 – June 2, 2010, Washington D. C., USA, Paper No. 55 (paper on CD).
16. Taha, R., Al-Harthy, A. S., and **Al-Jabri, K. S.**, “Use of Production and Brackish Water in Concrete”, In: International Engineering conference on Hot Arid Regions (IECHAR 2010), Akash, B. A., and Abu Abdo, A. M. (Editors), March 1-2, 2010, Al-Ahsa, Kingdom of Saudi Arabia, pp. 127-132.
17. **Al-Jabri, K. S.** “Recycling of Copper Slag as a Construction Material”, In: Proceeding of the 1st International Conference on Recycling and Reuse of Materials (ICRM 2009), Paper No. IL90 (Full paper in CD), 17-19, July 2009, Kottayam, India
18. Al Alawi, A., Ramaswamy, M., Al-Jahwari, F. and **Al Jabri, K. S.**, “A Feasibility Study to Use Solar Cooling System in one of the Typical Schools in Sultanate of Oman”, In: Proceedings of the 4th International Exergy, Energy and Environment Symposium (IEEES-4), 19 – 23 April 2009, Sharjah, U.A.E.
19. **Al-Jabri, K. S.** and Al-Alawi, S. M., “AN ANN Model for Predicting the Behaviour of Semi-rigid Composite Joints at Elevated Temperature”, In: Proceedings of the 5th International Symposium on Steel Structures; Choi, M. et al. (eds.), 12-14 March 2009, Seoul, South Korea, pp. 292-298.
20. **Al-Jabri, K. S.** “Analysis of Semi-rigid Joints in Fire using Different Numerical Modelling Methods”, In: Proceedings of the Third International Conference on Modelling, Simulation and Applied Optimization (ICMSAO'09); Kucuk et al. (Editor), January 20-22, 2009, Sharjah, United Arab Emirates.
21. **Al-Jabri, K. S.**, Ramaswamy, M., Al Alawi, A., and Al-Jahwari, F. “Strategies for the Development of Sustainable Buildings in the Sultanate of Oman”. In: Proceedings of the Pravara International Conference on Emerging Trends in Engineering, 20th - 22nd December 2008, Loni, India
22. Al-Saidy, A. H., Al-Harthy, A. S., and **Al-Jabri, K. S.** “Effect of Damaged Concrete Cover on the Structural Performance of CFRP Strengthened Corroded Concrete

- Beams”, In: Concrete Repair, Rehabilitation and Retrofitting II, Alexander et al. (Editors), 2009 Taylor and Francis Group, London, pp. 1243-1248.
23. Al Alawi, A., Ramaswamy, M., **Al Jabri, K. S.**, and Gutgesell, H. “A feasibility Study to Operate a Primary Health Unit in Oman using Green Energy”, International Conference on Harnessing Technology: Challenges and Opportunities in GCC states, 12-13 October 2008, Muscat, Oman.
 24. **Al-Jabri, K. S.**, and Al-Shuaili, S. “Higher Education and Scientific Research in the Sultanate of Oman: the Present Situation and the Future Strategies”, In: Proceedings of the International Conference on Professional Ethics and Education 2008 (ICEPEE’08), 13-15 May 2008, Kuala Lumpur, Malaysia, pp. 214-221.
 25. Rahman, A., Shrih, A., and **Al-Jabri, K. S.**, “Computational Analysis of Flush End-plate Bare Steel Connection under Fire Conditions”, In: 11th International Conference on Inspection, Appraisal, Repairs and Maintenance of Structures, 14-17 November 2007, North Cyprus, pp. 293-302.
 26. **Al-Jabri, K. S.** and Al-Alawi, S. M., “Modelling the Moment-Rotation-Temperature Response of Flexible End-plate Composite Joints Using Artificial Neural Networks”, In: Proc. 6th International Conference on Steel and Aluminium Structures (ICSAS07), Beale R.G. (Editor), 24-27 July 2007, St Catherine's College, Oxford University, Oxford, UK.
 27. Al-Saidy, A. H., Al-Harthy, A. S., **Al-Jabri, K. S.**, and Abdul-Halim, M., “Repair/Strengthening of Corrosion Damaged Concrete Beams with Fiber Reinforced Polymers Sheets”, In: 8th International Symposium on Fiber Reinforced Polymer Reinforcement for Concrete Structures”, University of Patras, Patras, Greece, July 16-18, 2007.
 28. **Al-Jabri, K. S.**, Al-Alawi, S. M., Al-Saidy, A. H., and Alnuaimi A. S., "An Artificial Network Model For Predicting the Behaviour of Flexible End-plate Bare-steel Joints in Fire", In: Pacific Structural Steel Conference 2007, Steel Structures in Natural Hazards, 13-16 March 2007, Wairakei, New Zealand, pp. 213-218.
 29. **Al-Jabri, K. S.** “An Overview of the Behaviour of Steel-framed Composite Buildings in Fire”, In: Hyo-Nam Cho et al. (editors), Proceedings of the 4th International Symposium on Steel Structures, 16-18 November 2006, Seoul, South Korea, pp. 367-78.
 30. **Al-Jabri, K. S.**, Al-Alawi, S. M., Al-Nuaimi A. S., and Al-Saidy, A. H., "An Artificial Network Model For Predicting the Moment-rotation Response of Flush End-plate Bare-steel Joints in Fire", In: Hyo-Nam Cho et al. (editors), Proceedings of the 4th International Symposium on Steel Structures, 16-18 November 2006, Seoul, South Korea, pp. 358-66.
 31. **Al-Jabri K. S.** “Copper Slag as Fine Aggregate in High Performance concrete” High Performance Structures and Materials III, WIT Transactions on The Built Environment 2006, Vol. 85, WIT Press, pp. 381-89.
 32. Al-Nuaimi, A. S., Hago, A. W., and **Al-Jabri, K. S.**, “Flexural Behaviour of Ferrocement Roof Panels”, High Performance Structures and Materials III, WIT Transactions on The Built Environment 2006, Vol. 85, WIT Press, pp. 93-102.
 33. Al-Harthy, I. H., and **Al-Jabri, K. S.** “Traffic Noise Study in Muscat Area”, Proc. Of the 3rd Gulf Conference on Road, Oman 2006, pp. 472-76.

34. Al-Saidy, A. H., **Al-Jabri, K.S.**, Hago, A. W., and Al-Nuaimi, A. S., "Behaviour of Cement-Based Patch Repair Materials in Plain and Reinforced Concrete Members, In: Alexander (Editor) Concrete Repair, Rehabilitation and Retrofitting 2006, Taylor and Francis Group, London, pp. 901-905.
35. **Al-Jabri, K. S.**, Al-Nuaimi, A. S. and Hago, A. W., "Design of RC T-Beams Using Direct Design Method: In: Bathnia N. et al. (Editors). Proceedings of ConMat'05 and Mindess Symposium, Vancouver 2005, pp. 303 [Full paper on CD].
36. Hago, A. W., **Al-Jabri, K. S.**, Al-Nuaimi, A. S. and Al-Saidy, A. H., "Comparison Between Different Lightweight Concrete Blocks for Thermal Insulation" In: Zingoni A. (Editor). Progress in Structural Engineering Mechanics and Computation 2004, Taylor and Francis Group, London, pp. 1475-78.
37. **Al-Jabri, K. S.**, Seibi, A. and Karrech, A., "3-D Finite Element Modelling of Flush End-plate Bare-steel Connections at Elevated Temperatures", In: Zingoni A. (Editor). Progress in Structural Engineering Mechanics and Computation 2004, Taylor and Francis Group, London, pp. 1403-07.
38. **Al-Jabri, K. S.**, "Modelling of Beam-to-Column Connections at Elevated Temperature", In: Brebbia, C. A. and de Wilde, W. P. (Editors). High Performance Structures and Materials II 2004, WIT Press, pp. 319-28.
39. **Al-Jabri, K. S.**, "Development of Concrete Blocks for Thermal Insulation in Hot Climate: Why and How?", In: 1st National Conference on Design and Construction Practices in Hot and Arid Regions(DCPHAR), Caledonian College of Engineering, 22 March 2004, Oman, pp. 2-10.
40. **Al-Jabri, K. S.**, and Hago, A. W., "Towards a Rational Approach to the Design of Steel-Framed Buildings in Fire", In: Nazmy S. A. et al. (Editors). Emerging Technologies in Structural Engineering, Proc. of the Ninth Arab Structural Engineering Conf., Nov. 29-Dec. 1, 2003, Abu Dhabi, UAE, pp. 971-78.
41. Taha, R., Al-Harthy, A., Al-Rawas, A., **Al-Jabri, K.**, Hassan, H. and Al-Oraimi, S. "Recycling of Waste Materials in Road Construction: Oman's Experience", In: Pereira & Branco (Editors). MAIRPAVE'03, 2003. Guimarães, pp. 685-94.
42. **Al-Jabri, K. S.**, "Numerical Modelling of the Behaviour of Bare-Steel and Composite Flexible End-plate Connections at Elevated Temperatures", In: Hancock et al. (Editors). Advances in Structures 2003, Swets & Zeitinger, Lisse, pp. 635-41.
43. **Al-Jabri, K.**, Taha, R. and Al Ghassani, M. "Effect of Using Copper Slag and Cement By-Pass Dust as Cementitious Material on the Strength of Mortars", In: 6th International Conference on Concrete Technology for Developing Countries (6ICCT), 21 – 23 October 2002, Amman Jordan.
44. Hago, A. W., **Al-Jabri, K.**, Al-Harthy, A., and Qamaruddin, M. "Development of Lightweight Concrete Blocks for Thermal Insulation", In: Thompson J. (Editor). Proceedings of the British Masonry Society, No. 9, 2002, pp. 213-16..
45. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J., "Prediction of the Degradation of Connection Characteristics at Elevated Temperature", In: Lamas, A. and da Silva, L. (Editors). 3rd European Conference on Steel Structures (Eurosteel2002) 2002, Coimbra, Portugal, pp. 1391-400.
46. **Al-Jabri, K. S.**, "Numerical Modelling of the Behaviour of Flush End-plate Connections at Elevated Temperatures", In: Brebbia, CA. and de Wilde, WP.

- (Editors). High Performance Structures and Composites 2002, WIT press, pp.387-96..
47. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J, “The Influence of Connection Characteristics on the Behaviour of Beams in Fire”, In: A. Zingoni (Editor). Structural Engineering, Mechanics and Computation 2001, Elsevier Science Ltd, pp. 1087-94.
 48. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J, “Recent Developments in the Behaviour of Steel and Composite Connections in Fire”, In: Tevfik Seno Arda et al. (Editors). Proc. of the International Conference on Steel Structures of the 2000’s, Istanbul, 2000, pp. 351-56.
 49. **Al-Jabri, K. S.**, Al-Harrasi, S. S. and Qamaruddin, M. “Seismic Evaluation of Existing Hyatt Regency Multistorey Masonry Apartment Building”, In: Proc. 12th International Brick/Block Masonry Conference, Madrid, Spain, 25-28 June 2000.
 50. **Al-Jabri, K. S.**, Burgess, I. W., Lennon, T., and Plank, R. J., “The Performance of Frame Connections in Fire”, In: Studnička, J. et al. (Editors), Proceedings of the Conference on Steel Structures (Eurosteel '99), Czech Technical University, Prague, 1999.
 51. Qamaruddin, M., Al-Oraimi, S. K., and **Al-Jabri, K. S.**, “Worldwide Development of Friction Seismic Isolation scheme for Masonry Buildings”, In: Eleventh World Conference on Earthquake Engineering, Paper No. 559, Elsevier Science Ltd, 1996.
 52. **Al-Jabri, K. S.**, Burgess, I. W., and Qamaruddin, M. “A Model of Steel Column subjected to Fire”, In: Al-Azhar Engineering Fourth Conference, Dec. 16-19 1995, Cairo, Egypt, pp. 421-34.
 53. Al-Oraimi, S. K., Qamaruddin, M., **Al-Jabri, K. S.** and Al-Moharami, Z., ”Seismic Response of Multistorey Building including Torsional Effect”, In: Al-Azhar Engineering Fourth Conference, Dec. 16-19 1995, Cairo, Egypt, pp. 256-67.
 54. Qamaruddin, M., **Al-Jabri, K. S.**, and Al-Oraimi, S., “Earthquake Response of Existing Buildings in Oman”, In: Proc. of the Second Regional Conference and Exhibition, ASCE-SAS, Nov. 16-18 1995, Beirut, Lebanon, pp. 811-23.
 55. Al-Oraimi, S., Qamaruddin, M., and **Al-Jabri, K. S.**, ”Fracture Energy of Mortar and Concrete”, In: Tabarrok B. and Dost S. (Editors). Proc. Fifteenth Canadian Congress of Applied Mechanics (CANCAM95), May 28 – June 01 1995, University of Victoria, Canada.
 56. Qamaruddin, M., **Al-Jabri, K. S.**, Al-Oraimi, S., and Al-Mammari, M. H. “Wind Analysis of Buildings for Different Regions in Oman”, In: Tabarrok B. and Dost S. (Editors). Proc. Fifteenth Canadian Congress of Applied Mechanics (CANCAM95), May 28 – June 01 1995, University of Victoria, Canada.
 57. **Al-Jabri, K. S.**, Al-Oraimi, S., Qamaruddin, M., and Hago, A. W. “A Comparative Study of the Design of RC Slabs”, In: Tabarrok B. and Dost S. (Editors). Proc. Fifteenth Canadian Congress of Applied Mechanics (CANCAM95), May 28 – June 01 1995, University of Victoria, Canada.
 58. Qamaruddin, M., **Al-Jabri, K. S.**, and Mauroof, A. L. M. “Seismic Response of Multistorey Masonry Buildings with Friction Isolation System”, In: Proc. Tenth Symp. on Earthquake Engineering: Vol. 1, Nov. 16 – 18 1994, Roorkee, India, pp. 303-14.

59. **Al-Jabri, K. S.**, Sivakugan, N. and El Zawahry, A. "Reliability Studies on Pipe Flow", In: Second Gulf Water Conference, Water Sciences and Technology Association, Nov. 5-9 1994, Bahrain, pp. 534-39.

f) المراجع باللغة العربية

1. **الجابري, خليفة**, " التنمية والعمل البرلماني ومسيرة الاربعة عقود" مجلس عمان (عدد خاص بمناسبة افتتاح دور الانعقاد السنوي الثاني من الفترة الخامسة لمجلس عمان), نوفمبر 2012م, صفحة 22-25
2. **الجابري, خليفة بن سيف**, " خصائص الخرسانة المصنوعة من ركام محلي عند درجات الحرارة العالية " ندوة ومعرض مختبرات الجودة في المشروعات الإنشائية, 21-23 ابريل 2013 م, الرياض, المملكة العربية السعودية, ورقة رقم 85.
3. **الجابري, خليفة**, "دور البرلمان في خدمة قضايا العلوم والتكنولوجيا", التقرير البرلماني, مجلس الدولة, العدد 27, نوفمبر 2014, صفحة 62-63.

g) CONFERENCE ABSTRACTS

1. El-Hussain, I., Deif, A., Mohamed A.E., **Al-Jabri, K.**, Gareth, B., and Yaqou, H., "Seismic Hazard Assessment at A PDO Site in Northern Oman", 8th Gulf Seismic Forum, 3-6 March 2013, Muscat, Oman.
2. Eser çasti, Karin Sesetyan, Ufuk Hancilar, El-Hussain, I. Al-Rawas, G., **Al-Jabri, K.**, and Deif, A., "Seismic Risk Analysis of Buildings in Muscat, Oman", 8th Gulf Seismic Forum, 3-6 March 2013, Muscat, Oman.
3. Al-Ismaili, A., Al-Azri, M., Al-Jahawari, F. and **Al-Jabri, K.**, "Finite Element Analysis of Beam-to-Column Joints at Elevated Temperatures", International Workshop on Fire Safety Engineering and Management (IWFSEM2011), March 7-9, 2011, Muscat, Oman.
4. A., Al-Azri, M., Al-Ismaili, Al-Jahawari, F. and **Al-Jabri, K.**, "Finite Element Modelling of T-stub Assembly in Fire", International Workshop on Fire Safety Engineering and Management (IWFSEM2011), March 7-9, 2011, Muscat, Oman.
5. Al-Lawati, S., Al-Lawati, A., Pervez, T., Al-Jahawari, F. and **Al-Jabri, K.**, "Design of Fire Resistant and Energy Efficient Laminate Composite Door for SQUH Operation Theater", International Workshop on Fire Safety Engineering and Management (IWFSEM2011), March 7-9, 2011, Muscat, Oman.
6. Khoukhi, M., **Al-Jabri, K.**, and Mandour, A., "Airflow Simulation and Smoke Movement in High Rise Buildings", International Workshop on Fire Safety Engineering and Management (IWFSEM2011), March 7-9, 2011, Muscat, Oman.
7. Deif, A., El-Hussain, I., Al-Charaabi, Y., Al-Shijbi, Y., Al-Hashmi, S., Al-Toubi, K., Al-Saifi, M., and **Al-Jabri, K.**, "First Deterministic Hazard Assessment for Some Important Sites in Oman", Gulf Seismic Forum 2010, March 1-4, 2010, Abu Dhabi, United Arab Emirates.
8. El-Hussain, I., Deif, A., Al-Hashmi, S., Al-Toubi, K., Al-Shijbi, Y., Al-Saifi, M., and **Al-Jabri, K.**, "Preliminary Study: Probabilistic Seismic Hazard assessment for Sultanate of Oman", Gulf Seismic Forum 2010, March 1-4, 2010, Abu Dhabi, United Arab Emirates.
9. **Al-Jabri, K. S.**, "Numerical Modelling of the Behaviour of Semi-rigid Joints in Fire", Conference on Numerical Analysis and Optimization, 6-8 April 2008, Sultan Qaboos University, Oman.

10. **Al-Jabri, K. S.**, and Cevik, A., “Modelling of bare-steel joints at elevated temperatures using genetic programming”, International Conference on Analysis and Applications (ICAA2010), 24-26 April, 2010, Muscat, Oman.

h) TECHNICAL REPORTS

1. **Al-Jabri, K. S.**, Dutta, J., Hago, A. W., and Al-Sheraida, O.S, 2014, Development of a New Soil-Cement Block using Produced Water from PDO Oil Fields: Literature Review, First Progress report submitted to Petroleum Development Oman (PDO), Project No. CR/ENG/CIVL/14/09, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman, December 2014.
2. **Al-Jabri, K. S.**, Hago, A. W., Yahia Zain, and Hossam Hassan, “Report On Methods to Control Cracking in Mass Concrete for Bridge Abutments of Bibid-Sur Road Section 1”, Final Report, Consultancy Grant No. CR/ENG/CIVL/14/01, February 2014, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman.
3. El-Hussain, I., Baptisa, A., Omira, R., Deif, A., Mohamed A.E., **Al-Jabri, K.**, Al-Rawas, G., and Al-Habsi, Z., “Tsunami Hazard Assessment for the Oman Liquefied Natural Gas Site”, Final Report submitted to Oman Liquefied Natural Gas Company (OLNG), June 2014, Earthquake Monitoring Centre, Sultan Qaboos University, Oman.
4. El-Hussain, I., Deif, **Al-Jabri, K;** A., Al-Hashmi, S., Al-Toubi, K., Al-Shijbi, Y., Al-Saifi, M., and Al-Habsi, Z., “Geophysical Surveys at Port of Duqm Sabkha Area” Final Report, Research Grant No. CR/DVC/EMC/13/01, May 2013, Earthquake Monitoring Centre, Sultan Qaboos University, Oman.
5. El-Hussain, I., Deif, **Al-Jabri, K;** A., Al-Hashmi, S., Al-Toubi, K., Al-Shijbi, Y., Al-Saifi, M., and Al-Habsi, Z., “Deterministic Seismic Hazard Assessment for Site 6 at Yibal Oil Field” Final Report, Research Grant No. CR/DVC/EMC/12/01, June 2012, Earthquake Monitoring Centre, Sultan Qaboos University, Oman.
6. El-Hussain, I., Deif, **Al-Jabri, K;** A., Al-Hashmi, S., Al-Toubi, K., Al-Shijbi, Y., Al-Saifi, M., and Al-Habsi, Z., “Mitigation of Seismic Risk by Microzonation in Muscat Area, Sultanate of Oman: Phase II”, 2nd Report, Grant No. 22409017, 2012, Earthquake Monitoring Centre, Sultan Qaboos University, Oman.
7. Taha, R., Bawain, M., **Al-Jabri, K.**, Al-Shamsi, K., and Al-Futaisi, A., “Beneficial Applications of Spent Catalysts and Charcoal Generated by Mina Al-Fahl and Sohar Refineries”, Final Report, Research Grant No. CR/ENG/CIVL/09/01, December 2011, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman.
8. Taha, R., Bawain, M., **Al-Jabri, K.**, Al-Shamsi, K., and Al-Futaisi, A., “Beneficial Applications of Spent Catalysts and Charcoal Generated by Mina Al-Fahl and Sohar Refineries”, 3rd Progress Report, Research Grant No. CR/ENG/CIVL/09/01, November 2010, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman.
9. El-Hussain, I., Deif, **Al-Jabri, K;** A., Al-Hashmi, S., Al-Toubi, K., Al-Shijbi, Y., Al-Saifi, M., “Seismic Hazard Assessment for Oman, Phase I: Deterministic and

- Deterministic Analysis”, 1st Report, Grant No. 22409017, September 2010, Earthquake Monitoring Centre, Sultan Qaboos University, Oman.
10. Taha, R., Bawain, M., **Al-Jabri, K.**, Al-Shamsi, K., and Al-Futaisi, A., “Beneficial Applications of Spent Catalysts and Charcoal Generated by Mina Al-Fahl and Sohar Refineries”, 2st Progress Report, Research Grant No. CR/ENG/CIVL/09/01, June 2010, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman.
 11. Taha, R., Bawain, M., **Al-Jabri, K.**, Al-Shamsi, K., and Al-Futaisi, A., “Beneficial Applications of Spent Catalysts and Charcoal Generated by Mina Al-Fahl and Sohar Refineries”, 1st Progress Report, Research Grant No. CR/ENG/CIVL/09/01, January 2010, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman.
 12. Taha, R., **Al-Jabri, K.**, Al-Aghbari, M., and Hassan, H. “ Use of Palm Fibers in Civil Engineering Construction”. Final Report, Research Grant No IG/ENG/CAED/04/08, January 2010, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman.
 13. Al-Saidy, A., Al-Harthy, A. S., Abdel-Halim, A., **Al-Jabri, K** and Rasvi, S. “Rehabilitation of Concrete Flexural Members in Oman using Fibre Reinforced Polymers”, Final Report, Research Grant No. IG/ENG/CAED/04/03, Department of Civil and Architectural Engineering, Sultan Qaboos University, Feb. 2008.
 14. Hago, A. W. and **Al-Jabri, K.** “Development of Lightweight Concrete with Emphasis on Thermal Insulation”, Final Report submitted for Internal Research Project No. DOPSAR/R/ENG/99/06, Department of Civil and Architectural Engineering, Sultan Qaboos University, Sep. 2005.
 15. **Al-Jabri, K. S.** and Taha, R., "Use of Oman's Copper Slag as Cementitious Material", Final Report submitted for Internal Research Project No. DOPSAR/R/ENG/01/05, Department of Civil and Architectural Engineering, Sultan Qaboos University, Jan. 2004.
 16. Hago, A. W., Alnuaimi, A. S., and **Al-Jabri, K. S.**, "Investigation of the Deterioration of Potable Storage Tanks at Wudam Naval Base", Report submitted to Ministry of Defence, Deng/CAE/2003, November, 2003, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman.
 17. Ali Al-Harthy, Ramzi Taha, Mohammed Abdel Halim and **Khalifa Al-Jabri**, "Beneficial Use of Dune Sand and Slag Cement in Concrete", Final Report submitted to Petroleum Development of Oman (PDO), July 2002, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman.
 18. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J, “Postulation of the Elevated-Temperature Moment-Rotation Characteristics for the Connections within the Cardington Frame”, Research Report DCSE/00/F/1, Jan. 2000, Department of Civil and Structural Engineering, University of Sheffield, UK.
 19. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J, “The Performance of Frame Connections in Fire”, Research Report DCSE/99/F/4, April. 1999, Department of Civil and Structural Engineering, University of Sheffield, UK.
 20. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J, “Material and Geometrical Properties for Elevated-Temperature Beam-Column Connection Tests”, Research Report

- DCSE/98/F/5, Nov. 1998, Department of Civil and Structural Engineering, University of Sheffield, UK.
21. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J, “Behaviour of Steel and Composite Beam-to-Column Connections in Fire” Research Report DCSE/97/F/7 (two volumes), Nov. 1997, Department of Civil and Structural Engineering, University of Sheffield, UK.
 22. **Al-Jabri, K. S.**, Burgess, I. W., and Plank, R. J, “Developments in Research into the Behaviour of Bare-steel and Composite Beam-to-Column Connections and Ambient and Elevated Temperatures”, Research Report, May 1996, Department of Civil and Structural Engineering, University of Sheffield, UK.

i) OTHERS

1. **Al-Jabri, K. S.**, “Basic Laboratory Safety”, Workshop on Basic Safety Training, 15 March 2011, SQU.
2. **Al-Jabri, K. S.**, “Basic Laboratory Safety”, Workshop on Basic Safety Training, 21 November 2010, SQU.
3. **Al-Jabri, K. S.**, “Basic Laboratory Safety”, Workshop on Basic Safety Training, 24 October 2010, SQU.
4. **Al-Jabri, K. S.**, “Basic Laboratory Safety”, Workshop on Basic Safety Training, 15 March 2010, SQU.
5. **Al-Jabri, K. S.**, “Basic Laboratory Safety”, Workshop on Basic Safety Training, 6 December 2009, SQU.
6. **Al-Jabri, K. S.**, “Basic Laboratory Safety”, Workshop on Basic Safety Training, 26 September 2009, SQU.
7. **Al-Jabri, K. S.**, “Basic Laboratory Safety”, Workshop on Basic Safety Training, SQU, 18 May 2009
8. **Al-Jabri, K. S.** “Hazardous Materials: Identification and Management”, Workshop on Safety, College of Engineering, SQU, 29th January 2009.
9. **Al-Jabri, K. S.**, “Scientific Research in the Sultanate of Oman: the Reality and the Ambitions” (in Arabic), Paper presented on behalf of SQU in a colloquium organised by Sultan Qaboos Center for Islamic Culture, 29 April 2008.
10. **Al-Jabri, K.S.**, and Al-Harthy, S. ”Scientific Research in the Sultanate of Oman and the Future Plans” (in Arabic), report submitted for 15th Meeting of Science and Technology Committee in GCC Countries, 9-10 September 2007, Riyadh, KSA.
11. **Al-Jabri, K. S.** “Hazardous Materials: Identification and Management”, College of Engineering HSE Workshop (HSEW2005), College of Engineering, SQU, 16th-18th January 2005.

j) CONFERENCE PARTICIPATION

1. The International Conference on Environmentally Friendly Civil Engineering Construction and Materials, 13 – 14 November 2014 Manado, Indonesia.
2. 8th International Conference on Structures in Fire, June 11-13, 2014, Shanghai, China

3. XXXV Reduction of Earthquake Losses in the Extended Mediterranean Region (RELEMR) Meeting 2013, 28-31 October 2013, Malaga, Spain. **(invited)**
4. International Conference on Structural Fire Safety and Design, 2-3 July 2013, Islamabad, Pakistan. **(invited)**
5. Symposium and Exhibition for Quality Control Laboratories in Structural Projects, 21-13 April 2013, Riyadh, Saudi Arabia. **(invited)**
6. 2013 Architectural Engineering Institute (AEI) Conference, April 3-5, 2013, Pennsylvania, USA.
7. 8th Gulf Seismic Forum, 3-8 March 2013, Muscat, Oman.
8. World Congress in Engineering Education 2013, 7-9 January 2013, Doha Qatar.
9. fib Symposium STOCKHOLM 2012: Concrete Structures for Sustainable Community, 11-14 June 2012, Stockholm, Sweden.
10. ACI-KC 3rd International Conference and Exhibition, 8-10 May, 2012, Kuwait.
11. Regional Conference on Quality Management and Enhancement in Higher Education, 20-21 February 2012, Muscat, Oman
12. 7th Gulf Seismic Forum, 22-25 January 2012, Jeddah, Saudi Arabia
13. IOR-ARC Workshop on Cost Effective Housing Technology, 17-18 October 2011, Colombo, Sri Lanka
14. International Workshop on Fire Safety Engineering and Management (IWFSEM2011), March 7-9, 2011, Muscat, Oman
15. The Twelfth East Asia-Pacific Conference on Structural Engineering and Construction (EASEC-12), 24-26 January 2011, Hong Kong Special Administrative Region, China.
16. 13th International Conference on Computing in Civil and Building Engineering and the 17th International EG-ICE Workshop on Intelligent Computing in Engineering, 30 June-2 July, 2010, Nottingham, UK
17. Sixth International Conference on Structures in Fire (SiF'10), June 2-4, 2010, Michigan, USA.
18. The Third International fib Congress and PCI Annual Convention & Exhibition, May 29 – June 2, 2010, Washington D. C., USA
19. International Conference on Analysis and Applications (ICAA2010), 24-26 April, 2010, Muscat, Oman.
20. 1st International Conference on Recycling and Reuse of Materials (ICRM 2009), 17-19, July 2009, Kottayam, India.
21. 4th International Exergy, Energy and Environment Symposium (IEEES-4), 19 – 23 April 2009, Sharjah, U.A.E
22. 5th International Symposium on Steel Structures, 12-14 March 2009, Seoul, South Korea. **(invited)**
23. Third International Conference on Modelling, Simulation and Applied Optimization (ICMSAO'09), January 20-22, 2009, Sharjah, United Arab Emirates.
24. MIF fellows meeting, 27-29 July, 2008, The Matsumae International Foundation, Tokyo, Japan
25. Japan Concrete Institute (JCI) Annual Convention, 9-11 July 2008, Fukouka, Japan.
26. International Conference on Engineering Professional Ethics and Education (ICEPEE'08), 13 -15 May 2008, Kuala Lumpur, Malaysia

27. Conference on Numerical Modelling and Optimization, 6-8 April 2008, SQU, Muscat, Oman
28. International Conference on the strategy of Scientific Research in Oman, 21-22 October 2007, Oman
29. 6th International Conference on Steel and Aluminium Structures (ICSAS07), 24-27 July 2007, Oxford, UK
30. 8th Pacific Structural Steel Conference, 13-16 March 2007, Wairakei, New Zealand
31. 4th International Symposium on Steel Structures, 16-18 November 2006, Seoul, South Korea
32. 3rd International Conference on High Performance Structures and Materials (HPSM2006), 3-5 May 2006, Ostend, Belgium. **(invited)**
33. 3rd Gulf Conference on Road, 6-8 March 2006, Sultan Qaboos University, Oman
34. Regional Conference on Recent Trends in Maintenance Management, 2nd October 2005, Hotel Crown Plaza, Muscat, Oman
35. 2nd International Conference on Structural Engineering, Mechanics and Computation (SEMC 2004), 5-7 July 2004, Cape Town, South Africa.
36. 2nd International Conference on High Performance Structures and Materils (HPSM 2004), 31 May – 2 June 2004, Ancona, Italy.
37. 1st National Conference on Design and Construction Practices in Hot and Arid Regions (DCPHAR), Caledonian College of Engineering, 22 March 2004.
38. 9th Arab Structural Engineering Conference (9ASEC), Nov. 29-Dec. 1, 2003, Abu Dhabi, UAE.
39. International Conference on Advances in Structures (ASSCCA'03), 22-25 June 2003, Sydney, Australia.
40. 3rd European Conference on Steel Structures (eurosteel 2002), 19-20 September 2002, Coimbra, Portugal.
41. First International Conference on High Performance Structures and Composites (HPSM2002), March 2002, Seville, Spain.
42. Symposium on the Vocational Training in GCC Countries, November, 2001.
43. The Fifth Gulf Engineering Symposium: Gulf Engineer and Future Prospects, 18-20 February 2001, Muscat, Oman.
44. International Conference on Steel Structures of the 2000's, 11-13 September 2000, Istanbul, Turkey.
45. Second European Conference on Steel Structures, 26-29 May 1999, Prague, Czech Republic.
46. Second World Conference on Steel in Construction, 11-13 May 1998, San Sebastian, Spain.
47. March 1996 – Sept. 1999, Steel In Fire Forum (STIFF): bi-annual informal meetings discuss the recent developments in fire engineering field. In the meetings several presentations were delivered.
48. Eleventh World Conference in Earthquake Engineering, Acapulco, Mexico, June 23-28, 1996.
49. Conference on the Transfer of Technology to Local Industries, Oman, March, 1992.

k) RESEARCH VISIT/ FELLOWSHIP/ SHORT COURSE/ TRAINING COURSE/ WORKSHOP ATTENDANCE

1. Seismic Hazard Assessment for Oman, 22 February 2015, SQU, Oman
2. Training Course in Conflict Management, 13-14 April 2013, Muscat, Oman
3. Workshop conducted by Springer and Edanz in How to Publish a Scientific Journal Article, 23th February 2013, Muscat, Oman.
4. Training Course in Tsunami Modelling, 19-23 January 2013, Muscat, Oman
5. Ethics In Engineering Education Course, 7 January 2013, Doha, Qatar
6. Career Development for Engineering Leaders, Course, 7 January 2013, Doha, Qatar.
7. Training Workshop on Technopreneurship for South Countries”, 2-6 December 2012, Khartoum, Sudan.
8. Research visit, Earth, Atmospheric and Planetary Sciences Department, Massachusetts Institute of Technology (MIT), USA, 25 – 29 June 2012.
9. Invited Researcher, GEM North Africa 2nd Workshop, 3-4 May 2012, Tunis.
10. Situational Leadership Training Program, 10-11 March 2012, SQU, Oman
11. ABET Program Assessment Workshop, 14-15 February 2012, SQU, Oman.
12. Research visit, Kandilli Observatory and Earthquake Research Institute, Bagazici University, Istanbul, Turkey, 25-29 July 2011.
13. Invited Visiting Professor, Yahia Faris University, Al-Medea, Al-geria, 7-11 May 2011.
14. Strategies of Effective Communication, 30 April- 3 May, 2011, SQU, Oman
15. Workshop on Waste Management in Sohar Industrial Port, 20 September 2010, Sohar, Oman.
16. Continuous Improvements with KAIZEN, 23 – 24 May 2010, SQU. Oman.
17. Herrmann Brain Dominance Instrument (HBDI) Program, 14 March 2010, SQU, Oman
18. Knowledge Management, Short Course, 6-9 March 2010, SQU, Oman
19. Optical Communications and Sensing Workshop, 17 January 2010, SQU, Oman.
20. NEBOSH International General Certificate Course, 8-22 November 2009, Dubai, UAE
21. Seismic Hazard Assessment and Site Effects, Short Course, 31 January – 4 February, 2009, Earthquake Monitoring Centre, Sultan Qaboos University, Oman
22. Workshop on Safety, 26 January 2009, College of Engineering, Sultan Qaboos University, Oman
23. Becoming an Effective Supervisor Workshop, 24-25 January 2009, Sultan Qaboos University, Oman
24. Research Fellowship, The Matsumae International Foundation, Japan, June-August, 2008
25. Visiting Professor, Department of Civil Engineering, Tohoku University, Japan, June-August, 2008
26. Seminar on Intelligent and Sustainable Buildings, organised by Directorate General of Specifications, Ministry of Commerce and Industry, 22 October 2008, Muscat, Oman.
27. S & T Training Course for Researchers in OIC Countries, 27/08-7/09, 2007, Science Academy of Malaysia, Kuala Lumpur, Malaysia
28. Seminar on Strategic Planning in Universities, 26 February 2007, Sultan Qaboos University

29. 2-months Course on Teaching online course, 17-09-2005 to 24-11-2005, Centre of Educational Technology, Sultan Qaboos University, Oman
30. Seminar on "Health Impact Assessment (HIA) Capacity-Building in Oman", Ministry of Health and WHO, Radisson SAS, 2nd May 2005.
31. College of Engineering HSE Workshop (HSEW2005), College of Engineering, 16th-18th January 2005.
32. Seminar on "Elkem Microsilica for Durable and High Strength Concrete", Organised by Elkem Materials and Arabian Trading Est. and Sultan Qaboos University, Sultan Qaboos University, 9 May 2004.
33. CAE Strategic Plan Workshop, Department of Civil and Architectural Engineering, Al-Sawadi Beach Hotel, 8 April 2004.
34. Short Course on Occupational Safety and Health in the Workplace, 24-26 May, 2003.
35. Workshop on Electrical Safety, College of Engineering, SQU, 6, April 2003.
36. Design of Earth Retaining Structures to BS 8002, 15 Sept. 1999, University of Bradford, UK.
37. Fire Engineering Design of Steel Structures (Master Level Module), 2 – 4 March 1998, The University of Sheffield, UK

I) PRESENTATIONS

1. Recycling of Industrial by-products in the Construction Field in Oman – An Overview The International Conference on Environmentally Friendly Civil Engineering Construction and Materials, 13 – 14 November 2014 Manado, Indonesia.
2. Technology Transfer Through Education, The Arabian Gulf University, Bahrain, 22 October 2014.
3. 3D Finite Element Modelling of Beam-Column Flexible End-plate Composite Connections at Elevated Temperatures”, 8th International Conference on Structures in Fire, June 11-13, 2014, Shanghai, China,
4. Design of Structures for Fire Safety (**Keynote Presentation**), International Conference on Structural Fire Safety and Design, 2 July 2013, Islamabad, Pakistan
5. خصائص الخرسانة المصنوعة من ركام محلي عند درجات الحرارة العالية. ندوة ومعرض مختبرات الجودة في المشروعات الإنشائية 23 ابريل 2013 م، الرياض، المملكة العربية السعودية
6. Effect of Spent Catalyst as a Fine Aggregate on the Properties of Concrete, The 2013 Architectural Engineering Institute (AEI) Conference, 4 April, 2013, Pennsylvania, USA
7. Research in the Sultanate of Oman, : Current Status and Future Strategies, University of Sudan for Science and Technology, 6 December 2012., Khartoum, Sudan (**invited Presentation**).
8. Performance of Concrete Made with Spent Catalyst as Cement Replacement. fib Symposium STOCKHOLM 2012: Concrete Structures for Sustainable Community, 12 June 2012, Stockholm, Sweden.
9. Use of Spent Catalyst as an Additive Cementitious Material in Concrete and Masonry blocks”. ACI-KC 3rd International Conference and Exhibition, 9 May, 2012, Kuwait.

10. Effects of Elevated Temperatures on Properties of Concrete Made with Local Aggregates, ACI-KC 3rd International Conference and Exhibition, 8 May, 2012, Kuwait.
11. Behaviour of Materials and Building in Fire, National Laboratory for Construction Materials, 10 May 2011, Al-geria (*invited Presentation*).
12. Development of Concrete Blocks for Thermal Insulation in Hot Climate, National Laboratory for Construction Materials, 10 May 2011, Al-geria (*invited Presentation*).
13. Behaviour of Materials and Building in Fire, Department of Engineering and Technology, 9 May 2011, Yahia Faris University, Al-geria (*invited Presentation*).
14. Development of Concrete Blocks for Thermal Insulation in Hot Climate, Department of Engineering and Technology, 8 May 2011, Yahia Faris University, Al-geria (*invited Presentation*).
15. Basic Laboratory Safety, Workshop on Basic Safety Training, 15 March 2011, SQU, Oman.
16. Effect of Using Wastewater on the Properties of High Strength Concrete, Session CT1: Concrete Technology 1, The Twelfth East Asia-Pacific Conference on Structural Engineering and Construction (EASEC-12), 26 January 2011, Hong Kong, China.
17. Sustainable Materials and Buildings for the Sustainable Development (**Invited Presentation**), 2 January 2011, Oman Gas Company, Oman.
18. Basic Laboratory Safety, Workshop on Basic Safety Training, 21 November 2010, SQU, Oman.
19. Basic Laboratory Safety, Workshop on Basic Safety Training, 24 October 2010, SQU, Oman.
20. Materials Recycling Opportunities for the Construction Industry in Oman, Workshop on waste management in Sohar Industrial Port, 20 September 2010, Sohar, Oman.
21. A New Formulation for Rotation of Bare-steel Joints at Elevated Temperatures Using Genetic Programming, Session: Evolutionary and Adaptive 2, International Conference on Computing in Civil and Building Engineering, 2 July, Nottingham, UK.
22. Effect of Using Non-Fresh Water on the Mechanical Properties of Cement Mortars and Concrete, Session: MAT3:Concrete Materials, The Third International fib Congress and PCI Annual Convention & Exhibition, May 31, 2010, Washington D. C., USA.
23. An Overview of Postgraduate Studies and Research in the College of Engineering, University Day, 2 May 2010, Muscat, Oman.
24. College of Engineering Strategic Plan 2009-2013, College of Engineering Retreat Day: Postgraduate Studies and Research, 25 March 2010, Muscat, Oman.
25. Basic Laboratory Safety, Workshop on Basic Safety Training, 15 March 2010, SQU, Oman
26. Modelling of bare-steel joints at elevated temperatures using genetic programming, International Conference on Analysis and Applications (ICAA2010), 24-26 April, 2010, Muscat, Oman.
27. Use of Optical Sensing in Structures and Civil Infrastructure, Optical Communications and Sensing Workshop, 17 January 2009, SQU, Oman.
28. Steel Structures, **invited presentation**, Muscat Higher College of Technology, 8th December 2009, Oman

29. Basic Laboratory Safety, Workshop on Basic Safety Training, 6 December 2009, SQU, Oman.
30. Basic Laboratory Safety, Workshop on Basic Safety Training, 26 September 2009, SQU, Oman.
31. Recycling of Copper Slag as a Construction Material”, 1st International Conference on Recycling and Reuse of Materials (ICRM 2009), 19 July, 2009, Kottayam, India
32. Basic Laboratory Safety, Workshop on Basic Safety Training, 18 May 2009, SQU.
33. A Feasibility Study to Use Solar Cooling System in one of the Typical Schools in Sultanate of Oman”, 4th International Exergy, Energy and Environment Symposium (IEEES-4), 22 April 2009, Sharjah, U.A.E
34. AN ANN Model for Predicting the Behaviour of Semi-rigid Composite Joints at Elevated Temperature”, 5th International Symposium on Steel Structures; 12th March 2009, Seoul, South Korea.
35. Hazardous Materials: Identification and Management”, Workshop on Safety, 29th January 2009, College of Engineering, SQU,.Oman
36. Analysis of Semi-rigid Joints in Fire using Different Numerical Modelling Methods, Third International Conference on Modeling, Simulation and Applied Optimization (ICMSAO’09), January 20-22, 2009, Sharjah, United Arab Emirates.
37. Postgraduate Studies and Scientific Research in the College of Engineering: Opportunities and Challenges, College of Engineering Retreat Day, 21 November 2008, Al-Nadha Resort, Barka, Oman
38. Sustainable Materials and Buildings for the Sustainable Development (**Invited Presentation**), Seminar on Intelligent and Sustainable Buildings, Directorate General of Specifications and Standards, Ministry of Commerce and Industry, 22 October 2008, Muscat, Oman.
39. MIF fellows presentation, Tokyo meeting, 28 July 2008, The Matsumae International Foundation, Tokyo, Japan
40. Higher Education and Scientific Research in the Sultanate of Oman: the Present Situation and the Future Strategies, International Conference on Engineering Professional Ethics and Education (ICEPEE’08), 13 -15 May 2008, Kuala Lumpur, Malaysia
41. Postgraduate Studies and Scientific Research in the College of Engineering: an Overview; College of Engineering Celebration in the Open Day, 3 May 2008, SQU, Oman
42. Scientific Research in the Sultanate of Oman: the Reality and the Ambitions (**Invited Presentation**), Sultan Qaboos Center for Islamic Culture, 29 April 2008.
43. Numerical Modelling of the Behaviour of Semi-rigid Joints in Fire”, Conference on Numerical Analysis and Optimization, 8 April 2008, Sultan Qaboos University, Oman
44. Scientific Research in the Sultanate of Oman and the Future Plans” (in Arabic), 15th Meeting of Science and Technology Committee in GCC Countries, 9-10 September 2007, Riyadh, KSA
45. S & T Research Profile in Oman, S & T Training Course for Researchers in OIC Countries, 27/08-7/09, 2007, Science Academy of Malaysia, Kuala Lumpur, Malaysia

46. Modelling the Moment-Rotation-Temperature Response of Flexible End-plate Composite Joints Using Artificial Neural Networks , 6th International Conference on Steel and Aluminium Structures (ICSAS07), 24-27 July 2007, Oxford, UK
47. Behaviour of Buildings in Fire (**invited Presentation**), Open Day, Fire Safety Engineering College, 3rd April 2007
48. An Artificial Network Model For Predicting the Behaviour of Semi-rigid Joints in Fire, Pacific Structural Steel Conference 2007, Steel Structures in Natural Hazards, 13-16 March 2007, Wairakei, New Zealand,
49. An Overview of the Behaviour of Steel-framed Composite Buildings in Fire, 4th International Symposium on Steel Structures, (**invited presentation**) 16-18 November 2006, Seoul, South Korea.
50. An Artificial Network Model For Predicting the Moment-rotation Response of Flush End-plate Bare-steel Joints in Fire (**invited presentation**), 4th International Symposium on Steel Structures, 16-18 November 2006, Seoul, South Korea.
51. Copper slag as fine aggregate for high performance concrete, 3rd International Conference on High Performance Structures and Materials (HPSM2006), (**invited presentation**) 3-5 May 2006, Ostend, Belgium.
52. Collapse of Buildings: Causes and Methods of Prevention, 1st February 2006, Marmoul Camp., PDO, Oman
53. Causes of Deterioration and Collapse of Buildings (in Arabic), 12 December 2005, Cultural Club, Muscat, Oman
54. Health and Safety: the way to a safe life, lecture presented to final year students in the Department of Electrical and Computer Engineering, ECCE 4080 seminars and fieldwork course, 19 March 2005.
55. Hazardous Materials: Identification and Management, College of Engineering HSE Workshop 2005 (HSEW05), 16th-18th January 2005, College of Engineering, SQU.
56. 3-D Finite Element Modelling of Flush End-plate Bare-steel Connections at Elevated Temperatures, 2nd International Conference on Structural Engineering, Mechanics and Computation (SEMC 2004), 5-7 July 2004, Cape Town, South Africa
57. Numerical Modelling of Beam-to-Column Connections at Elevated Temperature”, (**invited presentation**), 2nd International Conference on High Performance Structures and Materials (HPSM 2004), 31 May – 2 June 2004, Ancona, Italy.
58. "Steel Structures: The Right Choice for the Industry", lecture presented for third year Drawing II Students, Department of Civil and Architectural Engineering, March 2004.
59. "Development of Concrete Blocks for Thermal Insulation in Hot Climate: Why and How?", (**invited presentation**), 1st National Conference on Design and Construction Practices in Hot and Arid Regions(DCPHAR), Caledonian College of Engineering, 22 March 2004.
60. Towards a Rational Approach to the Design of Steel-Framed Buildings in Fire, 9th Arab Structural Engineering Conference, Nov. 29 – Dec. 1, 2003, Abu Dhabi, UAE.
61. Numerical Modelling of the Behaviour of Bare-Steel and Composite Flexible End-plate Connections at Elevated Temperatures, International Conference on Advances in Structures (ASSCCA'03), Sydney, Australia, 22-25 June 2003.
62. Prediction of the Degradation of Connection Characteristics at Elevated Temperature”, 7th May 2003, Caledonian College of Engineering, Al-Hail, Oman.

63. "Prediction of the Degradation of Connection Characteristics at Elevated Temperature", 2nd October 2002, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman
64. "Prediction of the Degradation of Connection Characteristics at Elevated Temperature", 3rd European Conference on Steel Structures (eurosteel 2002), 19-20 September 2002, Coimbra, Portugal.
65. "Numerical Modelling of the Behaviour of Flush End-plate Connections at Elevated Temperatures", First International Conference on High Performance of Structures and Composites (HPSC 2002), 11-13 March 2002, Seville, Spain.
66. "Recent Developments in the Behaviour of Steel and Composite Connections in Fire", International Conference on Steel Structures of the 2000's, 11-13 September 2000, Istanbul, Turkey.
67. "The Performance of Frame Connections in Fire", 2nd European Conference on Steel Structures (eurosteel'99), 26-29 May 1999, Prague, Czech Republic.
68. "Behaviour of Steel and Composite Beam-Column Connections in Fire", Second World Conference on Steel in Construction, 11-13 May 1998, San Sebastian, Spain.
69. "Developments in the Behaviour of Connections at Elevated Temperature", Sheffield University, Feb. 1998.
70. "Behaviour of Steel and Composite Beam-to-Column Connections in Fire", Steel in Fire Forum (STIFF), University of Manchester, Sept. 1997.

m) POSTERS

1. **Al-Jabri, K. S.**, Potential Use of Industrial By-Products as A Construction Material, College of Engineering – National Innovation Centre Exhibition, 22 April 2014, Rusail Industrial Estate, Oman.
2. **Al-Jabri, K.**, and Al-Jahwari, F., "Finite Element Analyses of Flexible End-plate Connections between Steel Beams and Columns at Elevated Temperatures, Sixth International Conference on Structures in Fire (SiF'10), June 2-4, 2010, Michigan, USA,
3. **Al-Jabri, K.**, and Tasneem, P., "An Overview of Research Profile in the College of Engineering", 10th SQU Day, May 2, 2010, SQU, Oman
4. Research Project in the College of Engineering, 9th SQU Day, 2nd May 2009, SQU, Oman.
5. An overview of postgraduate studies and research in the college of Engineering, 9th SQU Day, 2nd May 2009
6. Component Model for Flexible End-plate Connections in Fire, 4th SQU Day, 1st May 2005.
7. 3-D Finite Element Modelling of Flush End-plate Connection in Fire, 4th SQU Day, 1st May 2005.
8. Use of Dune Sand in Concrete Mixes, 2nd SQU Day, April 2002.
9. Development of Lightweight Concrete Blocks for Thermal Insulation, 2nd SQU Day, April 2002.
10. Use of Copper Slag and Cement By-Pass Dust as Cementitious Materials, 2nd SQU Day, April 2002.

11. Worldwide Development of Friction Seismic Isolation scheme for Masonry Buildings, Eleventh World Conference in Earthquake Engineering, Acapulco, Mexico, June 23-28, 1996.

n) FUNDING

Grants and Contracts

No	Title of the Project	Agency	Research Team	S Date	C Date	Amount USD (RO)
1.	Development of a New Soil-Cement Block using Produced water from PDO Oil Fields (CR/ENG/CIVL/14/09)	PDO	Khalifa Al-Jabri (PI) J. Dutta A.W. Hago	2014	18 months	120,200 (US\$312520)
2.	Investigation of Water Leak in Basement Floor of Iabri Courts Complex (CR/ENG/CIVL/14/10)	The Council of Administrative Affairs for the Judiciary Appealing Courts	Khalifa Al-Jabri (PI) A.W. Hago Yahia Zain	2014	5 Monts	20,000 (US\$52,000))
3.	Study of Cracks in Mass Concrete in Bridge Foundation of Bidbid-Sur Road Section (CR/ENG/CIVL/14/01)	ASTALDI -OZKAR JV Company	Khalifa Al-Jabri (PI) A.W. Hago Yahia Zain Hossam Hassan	2014	2 weeks	4,760 (US\$12,376)
4.	Geophysical and Geological Surveys at Area B and C at Port of Duqm (CR/DVC/EMC/14/01)	SEZAD	Issa El-Hussain (PI) Ahmed Deif Khalifa Al-Jabri And others	2014	4 months	123,145 (US\$320,177)
5.	Geophysical and Geological Surveys at Area A at Port of Duqm (CR/DVC/EMC/13/04)	SEZAD	Issa El-Hussain (PI) Ahmed Deif Khalifa Al-Jabri And others	2013	3 months	72,948 (US\$189,665)
6.	Tsunami Hazard and Risk Assessment at OLNG Plant in Ghaliata (CR/DVC/EMC/13/01)	OLNG	Issa El-Hussain (PI) Ahmed Deif Khalifa Al-Jabri And others	2013	8 months	90,000 (US\$234,000)
7.	Seismic Surveys at Port of Duqm Sabkha Area (CR/DVC/EMC/13/01)	Port of Duqm Company	Issa El-Hussain (PI) Ahmed Deif Khalifa Al-Jabri And others	2013	2 months	RO 35000 (US\$ 91,000)
8.	Deterministic Seismic Hazard Assessment for Site 6 at Yibal Oil Field	PDO External	Issa El-Hussain (PI) Ahmed Deif Khalifa Al-Jabri And others	April 2012	June 2012	RO 15,940 (US\$41,400)
9.	ECO-House Project	TRC External	Awni Shabaan (PI) Ali Al-Harthy Khalifa Al-Jabri, and Others	2010	2013	RO 120,000 (US\$ 300, 000)
10.	Effect of Local Aggregates on the	SQU	Khalifa Al-Jabri (PI)	01/10	01/12	RO 8,208

	Properties of Concrete at Elevated Temperatures (IG/ENG/CAED/10/01)	Internal	Prof. Ramzi Taha Abdullah Al-Saidy			(US \$21,264)
11.	Synthesis of Nano-Particles from Cement Kiln Dust and Copper Slag for Use in Cement (IG/ENG/CAED/10/02)	SQU Internal	Prof. Ramzi Taha (PI) Khalifa Al-Jabri Abdullah Al-Saidy	01/10	01/12	RO 9,121 (US \$23,630)
12.	Beneficial Applications of Spent Catalysts and Charcoal Generated by Mina Al-Fahl and Sohar Refineries (CR/ENG/Civil/09/01)	Oman Refineries and Petrochemicals Company LLC	Prof. Ramzi Taha (PI) Khalifa Al-Jabri Khalid Al-Shamsi Ahmed Al-Futaisi Mahad Baawain	09/09	09/11	RO 110,400 (US \$286,010)
13.	Seismic Risk Assessment in Oman (AS/DVC/EMC/09/01)	Ministry of Finance External	Issa El-Hussain (PI) Khalifa Al-Jabri (Co-PI) And others	08/09	08/11	RO 400,000 (US \$1,036,000)
14.	Use of Car Washing Wastewater in Concrete	SQU Internal	Khalifa Al-Jabri (PI) Abdullah Al-Saidy Ramzi Taha Salem Al-Oraimi	01/08	12/10	5,785 RO (\$ 14,988 USD)
15.	A Feasibility Study to Use Solar Hot Water Systems in One of the Government referral Hospitals	SQU Internal	Khalifa Al-Jabri (P.I) Ali Al-alawi, (PDO) M. Ramaswamy, (M. of Health)	01/08	12/09	RO 4631 (US \$12,000)
16.	Noise Measurements in Muscat	SQU Internal	Issa Al-Harthy (P.I.) Khalifa Al-Jabri	01/07	12/09	RO 6,300 (US \$16,300)
17.	Investigation of the behaviour of beams encased in Ferrocement panels	SQU Internal	Ali Al-Nuaimi (P.I.) Khalifa Al-Jabri (Co. PI) A. W. Hago Abdulla Al-Saidy	01/06	12/08	RO 10,000 (US \$25,000)
18.	3-D finite element modelling of beam-to-column connections at elevated temperatures	SQU Internal	Khalifa Al-Jabri (P.I.) A. Seibi Ali Al-Nuaimi Abdullah Al-Saidy	01/05	12/07	RO 5,500 (US \$13,750)
19.	Rehabilitation of concrete flexural members in Oman using fibre reinforced polymers	SQU Internal	Abdullah Al-Saidy (P.I.) Khalifa Al-Jabri Ali Al-Harthy M. Abdulhalim Salem AlRasvi	01/04	12/06	RO 6,240 (US \$15,600)
20.	Use of Palm fibres in Civil Engineering Construction	SQU Internal	Ramzi Taha (P.I.) Khalifa Al-Jabri Hossam F. Hassan Mohammed Al-Aghbari	01/04	12/05	RO 7,380 (US \$18,450)
21.	Development of lightweight concrete blocks using natural materials available in Oman	SQU Internal	Khalifa Al-Jabri (P.I.) A. W. Hago Ali Al-Nuaimi Abdullah Al-Saidy	01/03	12/05	RO 4,118 (US \$10,295)
22.	Design of prestressed concrete beams using direct design method	SQU Internal	Ali Al-Nuaimi (P.I.) Khalifa Al-Jabri A. W. Hago Abdullah Al-Saidy	01/02	12/04	RO 10,000 (US \$25,000)
23.	Beneficial use of dune sand and slag-cement in concrete	PDO External	Ali Al-Harthy (P.I.) Ramzi Taha	01/02	12/02	RO 10,000 (US \$25,000)

			Mohammed Abdulhalim Khalifa Al-Jabri			
24.	Use of Oman's copper slag as cementitious materials	SQU Internal	Khalifa Al-Jabri (P.I.) Ramzi Taha	01/01	12/02	3,625 RO (US \$9,063)
25.	Development of lightweight concrete blocks with emphasis on thermal insulation	SQU Internal	A. W. Hago (P.I.) Khalifa Al-Jabri M. Qamaruddin Ali Al-Harthy	01/99	12/03	RO 2000 (US \$ 5,000)
Total						

o) RESEARCH IMPACT AND SIGNIFICANCE

- No. of Scopus citations = 523 Citations in 382 documents
 - h-index in Scopus = 15
 - No. of Google Scholar citations = 850
 - h-index in Google Scholar = 18
 - i10-index in Google Scholar = 23
(Data accessed: 11 March 2015)
- My paper “Moment-Rotation-Temperature Curves for Semi-Rigid Joints” is among one of the top 10 cited papers in the Journal of Constructional Steel Research (2005-2010).
 - My paper “Modelling of unstiffened flush end-plate bolted connections in fire” is among one of the top 10 cited papers in the Journal of Constructional Steel Research since 1st January 2010 to 2012.
 - My paper “Performance of beam-to-column joints in fire-A review” is among one of the most cited articles in the Fire Safety Journal in 2012.