

# Hatem Ibrahim

# Curriculum Vitae

Address: Department of Architecture and Urban Planning, Faculty of Engineering, Qatar University  
P O Box 2713, Doha, State of Qatar

E-mail: [hatem\\_ibrahim@qu.edu.qa](mailto:hatem_ibrahim@qu.edu.qa)

Phone: +974 44034345 (office) +974 66052137 (cellular)

---

## ACADEMIC QUALIFICATIONS

- Ph.D. in Architecture Engineering, School of Architecture and Building Engineering, University of Liverpool, United Kingdom, 2001
- M.Phil. in Architecture Engineering, School of Architecture and Building Engineering, University of Liverpool, United Kingdom, 1997
- M. Sc. in Architecture Engineering, Assiut University, Assiut, Egypt, 1992
- B.Sc. in Architecture Engineering, Assiut University, Assiut, Egypt, 1987

## ACADEMIC POSITIONS

- Associate Professor, Qatar University, College of Engineering, Department of Architecture and Urban Planning, 2008- present
- Professor (on leave), Helwan University, College of Engineering, Department of Architecture, 2014- present
- Associate Professor, King Saud University, Faculty of Architecture and Planning, Department of Architecture and Building Sciences, 2007-2008
- Assistant Professor, King Saud University, Faculty of Architecture and Planning, Department of Architecture and Building Sciences, 2005-2007
- Associate Professor (on leave), Helwan University, College of Engineering, Department of Architecture, 2007- 2014
- Assistant Professor (on leave), Helwan University, College of Engineering, Department of Architecture, 2001- 2005
- Assistant Professor, Helwan University, College of Engineering, Department of Architecture, 2001- 2005
- Lecturer, Helwan University, College of Engineering, Department of Architecture, 1993- 1996
- Lecturer, Helwan University, College of Engineering, Department of Architecture, 1992- 1993
- Demonstrator, Assiut University, College of Engineering, Department of Architecture, 1987- 1992

## ACADEMIC AND RESEARCH WEBSITES

- [http://qufaculty.qu.edu.qa/hatem\\_ibrahim/](http://qufaculty.qu.edu.qa/hatem_ibrahim/) (Instant-Qatar University)
- <http://www.passivecoolingproject.com/> (Research Project- NPRP- QNRF Funded Research)
- <http://faculty.ksu.edu.sa/hatem%20ibrahim/default.aspx> (Previous-King Saud University)
- ORCID ID: <http://orcid.org/0000-0002-5543-4776>
- Scopus Author ID: 55240318600

# UNIVERSITIES TEACHING EXPERIENCE

## Courses Taught

### **2008- 2015    Qatar University, College of Engineering, Department of Architecture and Urban Planning**

- Thesis focuses on Urban Design- MUPD760 (Postgraduate)
- Architectural Design Studio I- Arch 212
- Architectural Design Studio III- Arch 312
- Senior project I- Arch 400
- Senior project II- Arch 401
- Architectural Graphic I-Manual Representation- Arch 111
- Graphic Communication I- Arct 110
- Environmental Control System I- Acoustics and Lighting- Arct 331
- Material and Methods of Building Construction I- Arct 230
- Material and Methods of Building Construction II- Arch 342
- Sanitary Installation- Arch 323
- Computer Aided Architectural Acoustics and Lighting Design- Arch 332.

### **2005- 2008    Department of Architecture and Building Sciences, Faculty of Architecture and Planning, King Saud University, Riyadh- Kingdom of Saudi Arabia**

- Graphic Skills- ARCH 255
- Architecture Design 2- ARCH 260
- Architecture Design 4- ARCH 360
- Graduation Project 2- ARCH 495
- Building Construction 1- ARCH 366
- Building Materials- ARCH 266
- Lighting and Acoustics- ARCH 427
- Sanitary Installation- ARCH 415

### **2001- 2005    Department of Architecture, Faculty of Engineering, Helwan University, Cairo- Egypt**

#### - Postgraduate level:

- Contemporary Architecture- AR 506
- Vernacular Architecture- AR 510
- Introduction in Sustainable Development- AR 649
- Urban Design in Arid Countries- AR 637

#### - Undergraduate level:

- Building Construction I- AR 3133
- Building Construction II- AR 3212
- Environmental Control- AR 3224
- Working Drawing I- AR 3332
- Working Drawing II- AR 3412
- Basic Design- AR 3114
- Architecture Design I- AR 3131
- Architecture Design II- AR 3231
- Architecture Design III- AR 3331
- Graduation Project- AR 3437
- Acoustics and Lighting in Architecture- AR 538

### **2002- 2004    Department of Architecture, Higher Technological Institute, 10th of Ramadan City-Cairo-Egypt**

- Architectural Design of Complex Unit (ARE 107)
- Architectural Design (ARE115)

- Building Material
- Graduation Project Programming (ARE111)

### **2003- 2004 Department of Architecture, Integrated Thebes Academy for Science, Higher Engineering Institute-Cairo-Egypt**

- Basic Design and Architecture Drawing- ARC 104
- Architecture Design II- ARC 202
- Architecture Design II- ARC 202
- Architecture Design III- ARC 207
- Landscape Architecture- AR 404
- Building Construction I- ARC 103

## **PROFESSIONAL PRACTICE AND CONSULTANCY**

- Technical Expert in Court Case Summon- the Supreme Council of the Judiciary- Doha-Qatar- 2012- present.
- Technical Expert in Emaar Engineering Consultancy- 2006-2008
- Chairman of Expert Training Centre (EXTRAC)-Expert at Professional Excellence for Training & Consultations- Cairo-Egypt- 2002- 2005 (*Responsible for preparing training technical programs and delivering workshops for more than 40 Ministries, Municipalities and Architectural Firms in Middle East and GCC.*)
- Consultant in Ministry of State for Scientific Research, Academy of Scientific Research Technology- 2003- 2005 (*Delivering a technical report emphasis the Urban and architectural characteristics for Farafra and Baharya, Egypt by means of processing fieldwork study for selected settlements- Ministry of State for Scientific Research, Academy of Scientific Research Technology- first party and Department of Architecture, Helwan University- second party*)
- Consultant in Arc Team-Egypt- 2002-2005 (*Responsibilities in Construction drawings, architectural details, Architectural designs for housing projects, villas, shopping malls, and general administrative buildings, Revision of architectural designs and preparing their schedule programs and research applied to practice*)

## **UNIVERSITIES ACTIVITIES AND COMMUNITY SERVICES**

- NAAB Coordinator- Department of Architecture and Urban Planning- College of Engineering- Qatar University, 2012- Present.
- Member of Quality Assurance Committee- Department of Architecture and Urban Planning- College of Engineering- Qatar University, 2012-Present.
- Member of Aptitude Test Committee- Department of Architecture and Urban Planning- Qatar University- lead representative, 2009- 2014.
- Member in College Postgraduate Examination Board- Department of Architecture and Urban Planning- College of Engineering- Qatar University, 2010- present.
- Member of Learning Support Center- Department of Architecture and Urban Planning- Qatar University, 2009-2014.
- Member of Online Publication Committee- Department of Architecture and Urban Planning-Qatar University- 2009- 2014.
- Member of 2nd QU Senate Committee, Qatar University- Serving in an advisory capacity to the Vice President and Chief Academic Officer on matters related to academic programs, faculty related issues, and academic quality, one cycle, 209-2011.
- Chairperson of Permanent and Annual Exhibition- Department of Architecture and Urban Planning, College of Engineering, Qatar University, 2008-Present
- Chairperson of students' work documentation committee- Department of Architecture and Urban Planning, College of Engineering, Qatar University- Organizing the exhibition, 2008-Present

- Member of Recruitment Committee, Department of Architecture and Urban Planning, Faculty of Engineering, Qatar University, 2008-2009
- Member of Laboratory Committee, Department of Architecture and Urban Planning, Faculty of Engineering, Qatar University, 2008-2010
- Member of committee of the Academic Accreditation for Department of Architecture and Building Sciences, College of Architecture and Planning, kingdom of Saudi Arabia, 2007-2008
- Member of committee of the strategy plan for Department of Architecture and Building Sciences, College of Architecture and Planning, kingdom of Saudi Arabia, 2006- 2008
- Member of committee for development and preparing the new curriculum plan in Department of Architecture and Building Sciences, College of Architecture and Planning, kingdom of Saudi Arabia, 2007- 2008
- Coordinator of committee for designing and furnishing the corridors, entrances and the main entrance hall of Department of Architecture and Building Sciences, College of Architecture and Planning, kingdom of Saudi Arabia, 2007- 2008
- Member of committee for development Basic Design and Visual Communication courses in Department of Architecture and Building Sciences, College of Architecture and Planning, kingdom of Saudi Arabia, 2005- 2008
- Member of committee for preparing the courses curriculum in Department of Architecture and Building Sciences, College of Architecture and Planning, kingdom of Saudi Arabia, 2005- 2008
- Member of examination committee of new students applying to College of Architecture and Planning (Aptitude test), College of Architecture and Planning, King Saud University, 2005- 2008
- Member of committee of examination of graduation project in Department of Architecture and Building Sciences, College of Architecture and Planning, kingdom of Saudi Arabia, 2005- 2008
- Member of committee of preparing and equipping Acoustics and Environment laboratory in Department of Architecture and Building Sciences, College of Architecture and Planning, kingdom of Saudi Arabia, 2007- 2008
- Member in the organization committee of Technology and Sustainability of Built-Area conference- Department of Architecture and Building Sciences, College of Architecture and Planning, kingdom of Saudi Arabia, 2007- 2008
- Member of the department council of Department of Architecture and Building Sciences, College of Architecture and Planning, kingdom of Saudi Arabia, 2005- 2008

## PROFESSIONAL AND ACADEMIC MEMBERSHIPS

- Institute of Acoustics – England, 1997- present
- Egyptian Architects Association, 1989- present
- Egyptian Society of Engineers, 1993- present
- Engineers Syndicate (Architectural Branch) 1987
- Ministry of Education, Committee of development the industrial education, Egypt, 2003- present
- Member in Saudi OMRAN Society, 2005- present

## PUBLICATIONS

### Reviewing Educational Books

Participation in reviewing educational books, by the Ministry of Education (industrial architecture education branch), General Administration of Books Division, Egypt:

- Building Technology (year 2) – 2007
- Building Technology (year 3) – 2007
- Building painting Technology (year 2) – 2007

- Building painting Technology (year 3) – 2007
- Science and Fundamental of manufacturing (year 2) – 2006
- Science and Fundamental of manufacturing (year 3) – 2006
- Architectural Drawing (year 1) – 2006

## Refereed Journal Articles

- Wiedmann, F, Salama, A. M., Ibrahim, H. G. (2016). **The Role of Mega Projects in Redefining Housing Development in Gulf Cities**, Open House International, Urban International Press, United Kingdom, Volume 41, Issue 2, PP. XX-XX (june 2016), ISSN # 0160-2601.
- Ibrahim, H., 2016, **Regeneration of sustainability in Contemporary Architecture: Approach Based on Native Function and Activities to Strengthen Identity**, International Social and Behavioral Sciences, Elsevier Ltd., Vol. 216, pp. 800- 809, January 6, 2016, Doi:10.1016/j.sbspro.2015.12.077 Online at: <http://dx.doi.org/10.1016/j.sbspro.2015.12.077>
- Amer O., Boukhanouf, R. and Ibrahim H., 2015, **A Review of Evaporative Cooling Technologies**, International Journal of Environmental Science and Development, Singapore, Vol. 6, No. 2, February 2015, pp. 111- 117, ISSN: 2010-0264, DOI: 10.7763/IJESD.2015.V6.571, Online at: <http://www.ijesd.org/vol6/571-W4004.pdf>
- Boukhanouf R., Alharbi A., Amer O., and Ibrahim, H., 2015, **Experimental and Numerical Study of a Heat Pipe based Indirect Porous Ceramic Evaporative Cooler**, International Journal of Environmental Science and Development, Singapore, Vol. 6, No. 2, February 2015, pp. 104-110, DOI: 10.7763/IJESD.2015.V6.570, Online at: <http://www.ijesd.org/vol6/570-W4003.pdf>
- Alharbi A., Boukhanouf R., Habeebullah T. and Ibrahim H., 2014, **Thermal Performance and Environmental Assessment of Evaporative Cooling Systems: Case of Mina Valley, Saudi Arabia** , International Journal of Civil, Architectural, Structural and Construction Engineering, Vol: 8, No. 5, 2014-04-01, pp. 586- 590, World Academy of Science, Engineering and Technology, Online at: <http://www.waset.org/publications/9998224>
- Ibrahim H., Boukhanouf R., Kanzari M., Choorapulakkal A., and Alharbi A., 2014, **Approach for Integrating Indirect Evaporative Cooling System into Contemporary Architecture**, Journal of Fundamentals of Renewable Energy and Applications, Environmental Sciences Group, Vol. 4, No. 1, PP 01- 08, ISSN: 2090- 4541, doi: 10.4172/2090-4541.1000131, August 2014, Online at: <http://omicsonline.com/open-access/Approach-for-Integrating-Indirect-Evaporative-Cooling-System-into-Contemporary-Architec-2090-4541-4-131.pdf?aid=28674>
- Boukhanouf R., Ibrahim H., Alharbi A. and Kanzari M., 2014, **Investigation Of An Evaporative Cooler For Buildings In Hot and Dry Climates**, International Journal of Clean Energy Technologies, Vol. 2, No. 3, PP 221- 225, July 2014, International Association of Computer Science and Information Technology Press (IACSIT Press), ISSN: 1793- 821X, DOI: 10.7763/JOCET.2014.V2.1, Online at: <http://www.jocet.org/papers/127-E061.pdf>
- Ibrahim, H., 2013, **Contemporary architecture through the concept of regionalism: a sustainable approach for Doha – Qatar**, The International Journal of Sustainable Human Development, Vol.1, Issue 3, pp. 94- 103, October, 2013, Eduserv Group, 157 Hanworth Road, LONDON, UK, ISSN: 2052-8582, Open-access paper at: [http://ijshd.eduservgroup.com/wp/?page\\_id=41](http://ijshd.eduservgroup.com/wp/?page_id=41)
- Ibrahim, H., 2013, **A new paradigm of urban development: envisioning sustainable futures in Qatar**, Sustainable Development and Planning, WIT Transactions on Ecology and the Environment, Vol. 173, pp. 828- 839, Print ISBN: 978-1-84564-714-8, Online ISSN: 1743-3541, WIT eLibrary, <http://library.witpress.com/pages/PaperInfo.asp?PaperID=24471>
- Kanzari M., Boukhanouf R. and Ibrahim H., 2013, **Mathematical Modeling of a Sub-Wet Bulb Temperature Evaporative Cooling Using Porous Ceramic Materials**, International Journal of Materials Science and Engineering Vol.: 7 No.: 12, PP. 17- 23, ISSN: 2315-4527
- Ibrahim, H., 2013, **Ecological Indicators for Landscape Assessment- Moving Forward with Sustainability Initiatives for Qatar**, Journal of Ecosystem Ecography 2:119, Volume 2 Issue 5, pp. 1-7, ISSN: 2157-7625 JEE, an open access journal, doi: 10.4172/2157-7625.1000119, ISSN:

2157-7625, online at: <http://www.omicsonline.org/2157-7625/2157-7625-2-119.php?aid=10023>,  
Received October 11, 2012; Accepted November 19, 2012; Published November 21, 2012

- Ibrahim, H. and Khalil, R., 2012, **Rooting Old Souk in the Contemporary Urbanism of Qatar: A Case Study of Souk Waqif**, Spaces Flows: An International Journal of Urban and ExtraUrban Studies, Vol 2 Issue 1, pp. 69:85, ISSN: 2152-7857, Abstract Online@:  
<http://ijf.cgpublisher.com/product/pub.203/prod.72>
- Ibrahim, H., 2012, **Hypotheses-Based Study for Adapting LEED to a Qatari Green Metric for Tall Buildings**, International Journal of Indoor and Built Environment, Vol. 21, No. 3, June 2012, pp. 403- 411- DOI: 10.1177/1420326X11413477, SAGE Publications, online abstract:  
<http://ibe.sagepub.com/content/21/3/403>
- Nour M. & Ibrahim, H. 2011, **Heritage Conservation and Rehabilitation of Islamic City: Comparison Study from Previous Experience**, Journal of Building Technology, Ministry of Municipal & Rural Affairs, Vol. 24, pp. 12- 26, Saudi Arabia-Accepted June 2011.
- Ibrahim, H. 2009, **Evaluation of Teaching Methods of Basic Design Courses in Faculty of Architecture and Planning** – King Saud University, Journal of Research Center of College of Architecture & planning-King Saud University, Vol. 17, pp. 05-55, ISBN: 978-9960-55-489-1, ISBN: 1430-3647
- Ibrahim, H. 2006, **Environmental policies for Urban Regions at Desert Societies – Baseline Indicators for Future Ventures**, Scientific Journal of Azhar University, Faculty of Engineering, Azhar University, Vol. 9, No. 3, July, 2006, Cairo, Egypt, ISSN: 1110-6409
- Ibrahim, H. 2006, **Integrating the Value of Eco-Building process: An Introduction To Assessing Criteria In Egypt**, Journal of Engineering Science (JES), Vol. 34, No. 3, pp. 959:970, May, 2006, Faculty of Engineering, Assiut University, Assiut, Egypt, ISSN: 1687- 0530
- Mohamed, S & Ibrahim, H. 2005, **Human Factors Affecting Tenants of Intelligent Buildings**, Journal of Engineering Researches, Vol. 100, August, 2005, Faculty of Engineering, Helwan University, Cairo, Egypt, ISSN: 1110-5615
- Ibrahim, H. 2005, **Simulation-Based Design for Development and Implementation of Sustainable Building Based On Economy Issue**, Journal of Engineering Research, Vol. 98, April 2005, Faculty of Engineering, Helwan University, Cairo, Egypt, ISSN: 1110-5615

## Refereed Conference Articles

- Ibrahim, H., 2015, **Regeneration of sustainability in Contemporary Architecture: Approach Based on Native Function and Activities to Strengthen Identity**, International Conference on Urban Planning and Architecture Design for Sustainable Development, UPADSD, International Experts for Research Enrichment and Knowledge Exchange -IEREK, 14- 16 October 2015, Vol. 2, ISSN: 1877-0428, pp. 347- 356, University of Salento, Lecce, Italy, ISSN 1877-0428
- Ibrahim, H., 2014, **Developing Sustainability Value- Driven Identity**, Sustainable Urban Design for Livable Cities- SUDLIC 2014, November 11 - 13, 2014, Universiti Teknologi Malaysia- UTM, Kuala Lumpur, Malaysia.
- Alharbi, A.; R Boukhanouf, R.; T Habeebullah, T.; and Ibrahim, H. **Thermal Performance and Environmental Assessment of Evaporative Cooling Systems: Case of Mina Valley, Saudi Arabia**, International Conference on Prognostics and Health Management- ICPHM 2014, May 26 - 27, 2014, London- UK, <http://www.waset.org/conference/2014/05/london/ICPHM/program>
- Amer O., Boukhanouf, R. and Ibrahim H., 2014, **A Review of Evaporative Cooling Technologies**, 5th International Conference on Environmental Engineering and Applications- ICEEA 2014, <http://www.iceea.org/>, 4-5 July, 2014, Nottingham- UK.
- Boukhanouf R., Alharbi A., Amer O., Ibrahim, H. and Kanzari M., 2014, **Experimental and Numerical Study of a Heat Pipe based Indirect Porous Ceramic Evaporative Cooler**, 5th International Conference on Environmental Engineering and Applications-ICEEA 2014, <http://www.iceea.org/>, 4-5 July, 2014, Nottingham- UK.
- Ibrahim, H., 2013, **Globalization Challenges in Contemporary Architecture to Support the Regional Identity**, International Sustainable Tropical Environmental Design Conference 2013

(SusTED'13), Faculty of Design & Architecture, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia: 18-19 December 2013.

- Ibrahim, H., Oldham D. J., Hopkins, C. and Seiffert, G., **Integration of Decision Support Systems and GIS Noise Mapping**, 20<sup>th</sup> International Congress on Sound & Vibration- ICSV20, 2013. International Institute of Acoustics and Vibration (IIAV), Bangkok, Thailand, 7- 11 July 2013, ISSN 2329-3675, ISBN 978-616-551-682-2 Online:

<http://www.icsv20.org/index.php?va=viewpage&vaid=233&type=regular&ids=28>

- Ibrahim, H., 2013. **Contemporary Architecture through the Concept of Regionalism: A Sustainable Approach for Doha- Qatar**, International Conference on Sustainable Human Development- ISHUD 2103, Brunel University, London- UK, 3- 4 July 2013. PP. 40- 49, ISBN: 978-0-9576287-1-7

- Ibrahim, H., 2013, **A new paradigm of urban development: envisioning sustainable futures in Qatar**, 6th International Conference on Sustainable Development and Planning, Wessex Institute of Technology, pp 299- 310, 27 - 29 May, 2013 Kos Island, Greece, Paper DOI: 10.2495/SDP130251 WIT eLibrary, <http://library.witpress.com/pages/PaperInfo.asp?PaperID=24471>

- Ibrahim, H., 2012, **Descriptive Ecology Approaches to an Urban Landscape in Qatar**, International Conference on Biodiversity & Sustainable Energy Development, OMICS Group, 14- 15 September 2012 in Hyderabad HICC, India,

<http://www.omicsonline.org/biodiversity2012/scientific-programme.php?day=1&sid=179>

- Khalil, R. & Ibrahim, H., 2012. **Optimizing School Siting in Doha, Qatar**, International Conference on Management, Applied and Social Sciences (ICMASS'2012), Planetary Scientific Research Center (PSRC), Dubai, UAE, 24: 25- 03- 2012 ISBN: 978-81-922428-1-1 [Full paper online @: <http://psrcentre.org/images/extraimages/312672.pdf>

- Ibrahim, H. & Khalil, R., 2011, **A Framework for Rooting Old Souks in the Contemporary Urban Environment**, The 2<sup>nd</sup> International Conference on Spaces & Flows” 17-18 November, 2011, Prato, Italy, <http://spacesandflows.com/Conference-2011/>

- Ibrahim, H., 2011. **Developing A Green Metric Mechanism versus LEED for Tall Buildings in Qatar: Evaluation-Based Case Study**, The Asian Conference on Sustainability, Energy and the Environment ASCEE2011, 2-5 June, 2011-Osaka-Japan, pp. pp. 337-353, ISSN: 2186-2311, [http://iafor.org/acsee\\_proceedings.html](http://iafor.org/acsee_proceedings.html)

- Ibrahim, H. & Mohamed, S. 2005. **Urban Development Associated With Sustainable Community-Case Study of Siwa Oasis**, International Conference for Building Concepts, Materials and Technology, Intelligent Building Middle East 2005, Kingdom of Bahrain, 5-7 December, 2005.

- Elrazaz, Z. & Ibrahim, H., 2005. **Opportunities for A New Approach Towards Intelligence In Buildings**, International Conference for Building Concepts, Materials and Technology, Intelligent Building Middle East 2005, Kingdom of Bahrain, 5-7 December, 2005.

- Ibrahim, H. 2003. **Design Process Co Ordinations for Relevant Building Environment- Program to Fulfil User Need**, Fifth International Architectural Conference in Assiut (IACA-V) on Urbanization and Environment (Theory and Application), Department of Architecture, University of Assiut – Assiut – Egypt 20-22 April 2003.

- Ibrahim, H. and Saif, S. 2003. **Environmental Assessment of the Urban Regions at Industrial Desert Societies- A Case Study: Abu Tartour Mining Area – Egypt**, Fifth International Architectural Conference in Assiut (IACA-V) on Urbanization and Environment (Theory and Application), Department of Architecture, University of Assiut – Assiut – Egypt 20-22 April 2003.

- Ibrahim, H and Sobhy, T. 2003. **A Knowledge-Based System Assisted Teaching Course For the Undergraduate Level (Landscape Course as an Application)**, Al-Azhar Engineering 7<sup>th</sup> International Conference (AEIC 2003), Faculty of Engineering, University of Azhar, Cairo-Egypt, 7-10 April 2003.

- Ibrahim, H. and Oldham D. 2000. **The Nature of Underlying Search Space of An Environmental Noise Advisor Decision Support System**, 12<sup>th</sup> International Conference on System Research, Informatics & Cybernetics, Special Focus Symposium Collaborative Decision Support Systems, pp. 113-126, Baden-Baden, Germany, 31<sup>st</sup> July-4<sup>th</sup> August, 2000.

- Ibrahim, H. and Oldham, D. 2000. **The Development of An Expert System for the Acoustic Design of Urban Sites**, Proceeding of the Institute of Acoustics, Acoustics 2000, Vol. 22 Pt. 1 pp. 181-188, University of Liverpool, Liverpool - England 17-18 April, 2000.
- Ibrahim, H. and Oldham, D. 1998. **An Expert System for Acoustics and Noise Control**, InterNoise98, vol.22 No.2 pp.181-188, Christchurch, New Zealand, 15-18 November 1998, ISBN: 0-473-05443-4

## RESEACH PROJECTS/ GRANTS

- **Title:** *Investigating Housing Typologies in Multicultural Societies of the Gulf Region.*

**Funding Agency:** Qatar National Research Fund, National Priority Research Program (NPRP), 7th cycle

**Fund Amount:** 1,010,731.10 US Dollars.

**Project Duration:** 3 years.

**Status:** Awarded in May, 2015- Running

- **Title:** *A Novel Passive Air Conditioning System*

**Funding Agency:** Qatar National Research Fund, National Priority Research Program (NPRP), 4th cycle

**Fund Amount:** 657,075.00 US Dollars.

**Project Duration:** 3 years.

**Status:** Awarded in April, 2012- Completed

- **Title:** *Unifying Qatari Architecture Language and Contemporary Architecture: Case Study of Doha- Qatar.*

**Funding Agency:** Qatar National Research Fund, Undergraduate Research Experience Program (UREP), 11<sup>th</sup> cycle

**Fund Amount:** 30,000 US Dollars.

**Project Duration:** one year.

**Status:** Awarded in January, 2012- Completed

- **Title:** *Assessing School Siting: Optimize School Siting in Doha- Qatar.*

**Funding Agency:** Qatar National Research Fund, Undergraduate Research Experience Program (UREP), 10<sup>th</sup> cycle

**Fund Amount:** 60,000 US Dollars.

**Project Duration:** one year.

**Status:** Awarded in June, 2011

- **Title:** *Green Metric for Doha Tall Buildings-A Step Toward Qatar Eco-city Advocacy.*

**Funding Agency:** Qatar National Research Fund, Undergraduate Research Experience Program (UREP), 6<sup>th</sup> cycle

**Fund Amount:** 30,000 US Dollars.

**Project Duration:** one year.

**Status:** Delivered in June, 2010- Completed

- **Title:** *Evaluation of Teaching Methods of Basic Design Courses in Faculty of Architecture and Planning – King Saud University.*

**Funding Agency:** Research Center of College of Architecture & planning-King Saud University.

**Fund Amount:** 20, 000 Saudi Riyal.

**Project Duration:** one year.

**Status:** Completed.

## DELIVERED WORKSHOPS/ SEMINARS

- **Regeneration of sustainability in Contemporary Architecture: Approach Based on Native Function and Activities to Strengthen Identity**, International Conference on Urban Planning and Architecture Design for Sustainable Development, UPADSD, University of Salento, Lecce, Italy, October 2015

- **Developing Sustainability Value- Driven Identity**, Sustainable Urban Design for Livable Cities-SUDLIC 2014, Universiti Teknologi Malaysia- UTM, Kuala Lumpur, Malaysia, November 11 - 13, 2014

- **Spatial Mapping of Environmental Noise in Doha City**, Acoustics Research Unit- ARU- School of Architecture and Building Engineering- University of Liverpool- UK, July 2014

- **Globalization Challenges in Contemporary Architecture to Support the Regional Identity**, International Sustainable Tropical Environmental Design Conference 2013 (SusTED'13), Faculty



of Design & Architecture, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia, December 2013

- **Contemporary Architecture through the Concept of Regionalism: A Sustainable Approach for Doha- Qatar**, International Conference on Sustainable Human Development- ISHUD 2103, Brunel University, London- UK, July 2013
- **A new paradigm of urban development- envisioning sustainable futures in Qatar**, 6th International Conference on Sustainable Development and Planning, Kos Island, Greece, May 2013
- **Envisioning Green Architecture and Ecological Landscape- Case of Doha- Qatar**, Department of Architecture, College of Engineering in Mattaria, Helwan University- Cairo- Egypt, April 2013
- **Course Online Assessment- Quality Assurance**, Department of Architecture and urban Planning, College of Engineering, Qatar University, May 2012.
- **International Perspective and Experiences: Architecture and Urban Planning**, International Conference on Interdisciplinary Research in Education (ICOINE-2012)- North Cyprus, May 2012
- **Optimizing School Siting in Doha, Qatar**, International Conference on Management, Applied and Social Sciences (ICMASS'2012), Dubai, March 2012
- **Conventional Ideas for Intelligent Buildings**, Smart Design Session, College of Engineering Research and Graduate Studies Week-Qatar University, March 2011.
- **Achieving Energy Efficient and Green Tall Buildings in Qatar**, Department of Architecture and Urban Planning, Qatar University, March, 2011.

## SCIENTIFIC RECOGNITION, MERIT AWARDS AND HONORS

- Outstanding Research Project, Qatar National Research Fund- QNRF, Qatar Foundation, March 2014
- 2<sup>nd</sup> Richest content- academic web site, King Saud University, Riyadh, Saudi Arabia, August 2008
- 1<sup>st</sup> Academic Prize- Academic Web Site, King Saud University, Riyadh, Saudi Arabia, January 2008
- 1<sup>st</sup> Academic Prize- Academic Web Site, College of Architecture and Planning, King Saud University, Riyadh, Saudi Arabia, January 2008
- Scholarship, California Polytechnic State University– California-USA, Ministry of Higher Education, September 1999
- Scholarship, Ministry of Higher Education, July 1996

## OTHER SCIENTIFIC/ ACADEMIC CONTRIBUTIONS

### • **Editorial Board member**

- International Journal on Engineering Research and Empirical Studies – IJERES, IEREK, Wiley Publishing.
- Environmental Sciences and Sustainable Development- ESSD- IEREK, ELSEVIER Publishing.
- Journal of urban Planning, Open Access Journal, Sustainable Planning & Technologies, COGITATIO, September 2016.
- Journal of Urban Planning, Open Access Journal, COGITATIO- Portugal

### • **Keynote Speaker**

- Acoustics-Tech Qatar 2014, Advanced Conferences& FDI. Running as part of Project Qatar Event Series and is Supported By The/Qatar Green/Building Council and Qatar Project Management, 10-11 December, 2014- Doha, Qatar.
- International Conference on Biodiversity & Sustainable Energy Development, OMICS Group, 14-15 September 2012 in Hyderabad HICC, India.

### • **A Panel Jury member**

- Prince Sultan Bin Salman Urban heritage Award- Al-Turath Foundation- University of Bahrain- 20-24 October 2014

### • **Scientific Committee Member and Peer Reviewer**

- Building and Environment, Elsevier, UK.
- Indoor and Built Environment, International Society of the Built Environment, Sage Publications, UK
- International Journal of Indoor and Built Environment, SAGE Publications, London- UK.
- International Journal of Sustainable Development & Planning, Wessex Institute of Technology- WIT, UK.
- International Journal of fundamentals of Renewable energy and Applications, OMICS Publishing Group, USA.
- Journal of Engineering Science- JES, College of Engineering, Assiut University- Assiut- Egypt
- Kingdom of Saudi Arabia, Ministry of Higher Education, King Abdulaziz University, Deanship of Scientific Research.
- Prince Sultan Bin Salman Urban Heritage Award, The Secretary General of the Award- Al-Turath Foundation, Abha- Saudi Arabia.
- Scientific Promotion Committee- King Abdul-Aziz University- Saudi Arabia.
- Journal of Faculty of Environmental Design, King Abd-elaziz University (manuscript Evaluation).
- 1st International Conference InTechnology & Sustainability in the Built Environment- College of Architecture and Planning - King Saud University.
- King Abdul-Aziz City for Science and Technology, General Directorate of Research Grants Program- King Abdul-Aziz City for Science and Technology.
- A scientific Journal of Jordan University, Deanship of Research.
- 2nd Contemporary Architecture & Urbanism in the Mediterranean & the Middle East- CAUMMEII, October 2014. Girne American University – Cyprus, Yıldız Technical University – Turkey, and Qatar University – Qatar.
- 1st international conference of the CIB Middle East & North Africa Research Network (CIB-MENA 2014)- Smart, Sustainable and Healthy Cites, 14- 16 December 2014, Abu Dhabi University, UAE
- 1<sup>st</sup> International Conference On Urban & Architectural Heritage In Islamic Countries, Saudi Commission for Tourism and Antiquities, Riyadh, 23:28 May, 2010
- Riyadh Development Authority (ADA), Housing Symposium II- “Affordable Dwelling”- Arriyadh, 27-30 March 2004
- Riyadh Development Authority (ADA), Housing Symposium III- “Neighborhood Are More Than Houses”-Riyadh, 25-28 March 2007
- **A Panel Chair and Coordinator**
- Senior Project Contest- Department of Architecture and Urban Planning- College of Engineering- Qatar University, June 2014
- **A Panel Chair**
- International Conference on Management, Applied and Social Sciences (ICMASS'2012), Planetary Scientific Research Center (PSRC), Dubai, UAE, 24: 25- 03- 2012
- International Conference on Interdisciplinary Research in Education (ICOINE-2012)- North Cyprus- 15:17 May 2012
- **Newspaper articles and Interviews**
- ALSHARQ Newspaper, No. 10202, May 22, 2016
- Qatar TV Interview, June 2014
- Radio Qatar Interview, May 9, 2013
- ALRAYA Newspaper, No. 10231, May 9, 2013
- ALRAYA Newspaper, No. 10231, May 9, 2012
- Al Watan 25 May 2012
- ALARAB Newspaper, No. 10231, May 9, 2012
- ALSHARQ Newspaper, No. 10231, May 9, 2012
- QU University Today, No. 792, May 12, 2010
- ALRAYA Newspaper, No. 10231, May 12, 2010
- Interview on RADIO QATAR- On Air Program - May 9, 2010