

Prof. Hatem Ibrahim PhD, MSc, MPhil, IOA, EES

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Portfolio of Scholarly/Professional/Teaching Activities:

http://qufaculty.qu.edu.qa/hatem_ibrahim/wp-content/uploads/sites/485/2016/04/Portfolio-Hatem-Ibrahim.pdf

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A BRIEF BIOGRAPHY

Hatem Ibrahim is a Professor at the Department of Architecture and Urban Planning- Qatar University.

He is a scholar and expert in the field of architectural design process and simulation, Urban and Regional Planning, with a particular focus on urban informatics, housing studies, regeneration strategies, and architectural identity. With extensive research experience, his work revolves around the intricate connections between architecture, urban development, and various aspects of city life. His recent research is the exploration of urban growth globalization, social equity, and sustainability in emerging metropolises. He explores the complexities of urban dynamics, recognizing the unique opportunities and challenges that arise from rapid urbanization and industrialization. By investigating these multifaceted processes, he seeks to uncover strategies and approaches that promote inclusive and sustainable architecture in urban development. He contributes to the understanding and improvement of urban environments, addressing pressing issues related to housing, regeneration, and architectural identity by merging theory and practice.

He has published numerous articles in reputable journals, presented his work at international conferences, and actively participated in collaborative research projects. He has attracted Research Grant funds and delivered research projects totaling more than US\$1.8 Million. In addition, he has served as a keynote speaker and technical program committee of many international conferences. Also, he is an Editorial Board member in many International Journals include Journal of Engineering Research (JER)- Kuwait University, International Journal on Engineering Research and Empirical Studies –Wiley Publishing, International Journal of Environmental Sciences and Sustainable Development- Elsevier. He is a member of many educational and research organizations and has served in national and international academic and research institutions.

In addition to his expertise in effectively delivering undergraduate teaching, he brings a wealth of experience to his role in supervising and guiding PhD and master's students. He has taken on responsibilities as both an internal and external examiner for a diverse array of graduate students. This experience has equipped him with valuable insights into the scholarly process, ensuring his ability to provide comprehensive support and insightful evaluation to students at various stages of their academic journey.

He is a member of numbers of international scientific and educational organizations and served in many academic and research institutions in the UK

(University of Liverpool), the US (California Polytechnic State-CalPoly), Saudi Arabia (King Saud University), Egypt (Helwan University) and others. He has been the recipient of several prestigious awards, including the "Outstanding Research Award" from Qatar National Research Fund for his Undergraduate Research Experience Program funded project, and the golden medal and first prize from King Saud University for his academic achievement.

ACADEMIC QUALIFICATIONS

- Ph.D. Architecture Engineering, School of Architecture and Building Engineering, University of Liverpool, United Kingdom.
 - M.Phil. Architecture Engineering, School of Architecture and Building Engineering, University of Liverpool, United Kingdom.
 - M. Sc. Architecture Engineering, Assiut University, Assiut, Egypt.
 - B.Sc. Architecture Engineering, Assiut University, Assiut, Egypt.
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ACADEMIC RESEARCH WEBSITES

- http://qufaculty.qu.edu.qa/hatem_ibrahim/ (Qatar University)
 - ORCID ID: <http://orcid.org/0000-0002-5543-4776>
 - Scopus Author ID: 55240318600
 - Google Scholar: <https://scholar.google.com/citations?user=gqIWm7YAAAAJ&hl=en>
 - Research Gate: <https://www.researchgate.net/profile/Hatem-Ibrahim-5>
 - LinkedIn in: <https://www.linkedin.com/in/hatem-ibrahim-bb06a312>
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AWARDS AND DISTINCTIONS

- Outstanding Research Project award, Qatar National Research Fund- QNRF, Qatar Foundation, March 2014
 - The best paper (Sustainable Building and Construction Conference 2013- SB13, 3-5 July 2013, PP. 70-79, Coventry University) for Innovative Sustainable Technology sponsored by ICON and Coventry University- Coventry- UK
 - The Golden Medal and 1st Academic Prize, King Saud University, Riyadh, Saudi Arabia, January 2008
 - Scholarship, California Polytechnic State University- California-USA, September 1999
 - Scholarship, Ministry of Higher Education, July 1998
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ACADEMIC POSITIONS

- Professor, Department of Architecture and Urban Planning, Qatar University, 2022- Present
- Associate Professor, Department of Architecture and Urban Planning, Qatar University, 2008- 2022
- Professor (on leave), Helwan University, College of Engineering, Department of Architecture, 2014
- Associate Professor, King Saud University, Faculty of Architecture and Planning, Department of Architecture and Building Sciences, 2007-2008
- Associate Professor (on leave), Helwan University, College of Engineering, Department of Architecture, 2006- 2014

- Assistant Professor, King Saud University, Faculty of Architecture and Planning, Department of Architecture and Building Sciences, 2005-2007
- Assistant Professor, Helwan University, College of Engineering, Department of Architecture, 2001- 2005

TEACHING EXPERIENCE

The following courses have been taught in undergraduate and postgraduate levels.

2010- Present Qatar University, College of Engineering, Department of Architecture and Urban Planning

- PhD Thesis-DENG and PHAP (Postgraduate)
- Thesis focuses on Urban Design- MUPD760 (Postgraduate)
- Sustainable Urban & Landscape Design- MUPD 710 (Postgraduate)
- Urban Economics- MUPD 611 (Postgraduate)
- Senior Project- ARCT 512
- Senior Project Preparation and Programming- ARCT 511
- Architectural Design Studio III- ARCT 310
- Architectural Design Studio IV- ARCT 311
- Environmental Control System I- Acoustics and Lighting- ARCT 331
- Material and Methods of Building Construction II- ARCT 342
- Material and Methods of Building Construction I- ARCT 230
- Graphic Communication I- ARCT 110

2008- 2010 Qatar University, College of Engineering, Department of Civil and Architectural Engineering- Architecture Program

- 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
- 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

THESES SUPERVISION AND EXAMINATION

- Saleh Ragab, (PhD Thesis, Hamad bin Khalifa University- HBKU)- Co- Supervisor- Ongoing.
- Elshaimaa Elekhteyar, Investigating Subdivided Housing in Doha, Qatar- (MSc. Thesis, Department of Architecture and Urban Planning)- Main Supervisor- Completed.
- Nada Alladin, Toward Creative Cities: Assessing the Culturally Emerging Creative Doha City- Qatar - (MSc. Thesis, Department of Architecture and Urban Planning)- Main Supervisor- Completed.
- Somaya Abu-Jalala, Net Zero Energy District NZED: A Strategy Towards Achieving Sustainable Urban Development in Qatar- (MSc. Thesis, Department of Architecture and Urban Planning)- Main Supervisor- Completed.
- Ebtahal Galal, Multi-Purpose theater design principles and aspect of composition, (PhD. Thesis, Faculty of Engineering, department of Architecture- Helwan University- Cairo, Egypt)- Main Supervisor- Completed.
- Al-Maha Al-Malki, Investigating livability of mixed-use neighborhood: Case study of Najma in Doha, Qatar- (MSc. Thesis, Qatar University)- Thesis Examination Member.
- Lolwa Al Khater, The souk and society in Qatar: Cohabiting heritage- (MSc. Thesis, Faculty of Islamic Study- Qatar)- Thesis Examination Member.

- Saleh Ragab, Place attachment of contemporary and modern districts: The cases of Abbasiya, Khedive's Cairo, Maadi and Heliopolis in Cairo- (MSc. Thesis, Faculty of Islamic Study- Qatar)- Thesis Examination Member.
- Sara Zaina, the assessment of microclimatic conditions, user psychological adaptation and physical aspects of the space: Enhancing spatial quality of outdoor public space- (MSc. Thesis, Qatar University)- Thesis Examination Member.
- Rana Al Amawi, Urban design strategies for intervention of constructed wetlands in semi-arid zones: An application on the case of Abu Nakhla wetlands in Doha, Qatar- (MSc. Thesis, Qatar University)- Thesis Examination Member.
- Ahood Al-Maimani, Socio-spatial study of traditional Souq in the Arabian Peninsula, the decline of traditional Souqs: The case of Souq Mutrah, Muscat, Oman- (MSc. Thesis, Qatar University)- Thesis Examination Member.
- Bothayna Abbara, An investigation into the characteristics of public open spaces in Doha- (MSc. Thesis)- Thesis Examination Member- November 2012
- Ahmed Alkharraz, Facility location and layout: A Case from a Major Oil and Gas Company in Qatar (MSc. Thesis, Qatar University)- Thesis Examination Chair.

SCHOLARLY, PROFESSIONAL ACADEMIC ACTIVITIES AND SERVICE

- Chair of Promotion Committee- Department of Architecture and Urban Planning- College of Engineering- Qatar University, 2010- present.
- NAAB Quality & Delivery Committee- Department of Architecture and Urban Planning- College of Engineering- Qatar University, 2023- Present.
- Chair of Curriculum Assessment Committee- Department of Architecture and Urban Planning- Academic Planning and Quality Assurance (APQA) Office- Qatar University, 2012- Present.
- Chair of students' work documentation committee- Department of Architecture and Urban Planning, College of Engineering, Qatar University- Organizing the exhibition, 2010- Present.
- Member in College Postgraduate Examination Board- Department of Architecture and Urban Planning- College of Engineering- Qatar University, 2010- present.
- NAAB Coordinator- Department of Architecture and Urban Planning- College of Engineering- Qatar University, 2016- 2023.
- Coordinator of B.Arch. Program- Department of Architecture and Urban Planning- College of Engineering- Qatar University, 2019-2023.
- Chair of Course Evaluation Committee- Department of Architecture and Urban Planning- College of Engineering- Qatar University, 2016- 2022.
- Chair of Research Committee- Department of Architecture and Urban Planning- College of Engineering- Qatar University, 2012- 2021.
- Member of Quality Assurance Committee- Department of Architecture and Urban Planning- College of Engineering- Qatar University, 2012-2018.
- Member of Architecture Program Aptitude Test Committee- Department of Architecture and Urban Planning-Qatar University- lead representative, 2009-2017.
- 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, 2009-2013.
- Chair of Permanent and Annual Exhibition- Department of Architecture and Urban Planning, College of Engineering, Qatar University, 2008- 2015
- 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 Building Spaces Utilization, 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 examination committee (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 building 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 PRACTICE AND CONSULTANCY

- Sports and Events Complex in Qatar University, **Capital Projects Affairs-** Qatar University, Mimar Emirates Engineering Consultants, Qatar University (*Consultancy related façade design and implementation*).
- New College of Engineering Building in Qatar University- Qatar University, **Mimar Emirates Engineering Consultants**, Qatar University- (*Consultancy related to fire-rated building partitions and building envelope*).

- Technical Expert in **Court Case Summon- the Supreme Council of the Judiciary-** Doha- Qatar- Expert (*Reviewing and investigating the documents, meeting with the parties to discuss the case, assessing the level of compensation and to provide a report to the court*).
- Technical Expert in **Ministry of Municipality and Environment (MME)-** Doha- Qatar- (*Consultancy related to the assessment survey aimed at revising the criteria of EIA specially that are related to the socioeconomic and development planning*).
- Technical Expert in **Emaar Architectural Consultancy-** Riyadh, Saudi Arabia- (*Establishing the vision and goals for the project, preparing preliminary designs, working drawings, specifications and cost estimates related to the project, developing design documents to initiate and modify architectural, interior design and space planning solutions*).
- Chairman of **Expert Training Centre (EXTRAC)-**Expert at Professional Excellence for Training & Consultations- Cairo-Egypt- (*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- (*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*).

PROFESSIONAL AND ACADEMIC MEMBERSHIPS

- Institute of Acoustics- IOA – England.
 - Association of Egyptian Architects- AEA.
 - Egyptian Society of Engineers- ESE.
 - Egyptian Engineers Syndicate- EES.
 - Ministry of Education, Committee of development the industrial education, Egypt, 2003- present
 - Member in Saudi OMRAN Society, 2005- present
 - Abdullatif Al Fozan Award for Mosque Architecture, GCC Countries Architecture Award- Qatar Represented- November 2011- 2018
 - Prince Sultan Bin Salman Urban Heritage Award, The Secretary General of the Award- Al-Turath Foundation, Abha- Saudi Arabia, 2014- present
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PUBLICATIONS

Book Chapter:

- Ibrahim, H (2021). Sustainability and Resilience in the Built Environment, Chapter Title: **Approach Based on Traditional Architecture Indicators to Strengthen Urban Identity in Diverse Cities**, IntechOpen, Accepted: 2nd June 2021, Published: 13th September 2021, ISBN: 978-1-78985-150-2, Print ISBN: 978-1-78985-149-6, eBook (PDF) ISBN: 978-1-78985-669-9, DOI: 10.5772/intechopen.94746. Online at:

Journal Articles- Under Review

- Alrababaa, A., Shouman, O., **Ibrahim, H.**, Khattab, T., Shaheen, E., and Ibrahim, H. S. (2025). **Machine learning enhanced urban analysis for forecasting morphogenesis and housing allocation in rapidly developing cities.** Computational Urban Science. (Submitted January 9, 2025, under review).
- Abdul Jaleel, S., Alrababaa, A., **Ibrahim, H.**, Shaheen, E., and Ibrahim, H. S. (2025). **Spatiotemporal analysis of road network evolution and urban growth in rapidly developing cities: The case of Doha Metropolitan.** Journal of Engineering Research. (Submitted August 20, 2025, under review).
- Alrababaa, A., Furlan, R., **Ibrahim, H.**, and Awwaad, R. (2025). **Enhancing livability through walkability: The transformation of Al-Saad Plaza, Lusail City, Doha.** Urban Science, (Submitted March 6, 2025, Under review),
- Furlan, R., Awwaad, R., Alrababaa, A., and **Ibrahim, H.** **Reimagining tradition: Integrating Qatari architectural heritage into contemporary place-making in Msheireb Downtown Doha.** Sustainability, (Submitted May 2, 2025, Under review).

Selected Published Refereed Journal Articles

- Furlan, R., Awwaad, R., Alrababaa, A., and **Ibrahim, H.** (2025). **The transformation of West Bay area, Doha's business center, through transit-oriented development.** Sustainability, 17(20) doi: <https://doi.org/10.3390/su17209154>, Online @: <https://www.mdpi.com/2071-1050/17/20/9154>
- Alrababaa, A., **Ibrahim, H.**, Shaheen, E., and Ibrahim, H.S. (2025), **Forecasting housing distribution based on housing market dynamics in rapidly developing cities: the case of Doha metropolitan**, International Journal of Housing Markets and Analysis, Emerald, ahead-of-print. ISSN: 1753-8270, doi: <https://doi.org/10.1108/IJHMA-01-2025-0008>
- **Ibrahim, H.**, Salama, A., Awwaad, R., and Aboukalloub, B. (2024), **Housing dynamics for sustainable urban development in Greater Doha**, Journal of Engineering Research, Kuwait University, 12 (1) Elsevier, PP. 1-8, ISSN: 2307-1877 , DOI: <https://doi.org/10.1016/j.jer.2023.100152>, Online: <https://www.sciencedirect.com/science/article/pii/S2307187723001608?via%3Dihub>
- Jamaledin, M., **Ibrahim, H.**, Ferwati, M., Khamidi, M., and Indraganti, M. (2022). **Pre-Transit Oriented Development Assessment Guidelines for Assessing Metro Station Dependent Component Area**, Designs, MDPI, Volume 6, Issue 56, June 2022, <https://doi.org/10.3390/designs6030056>
- **Ibrahim, H.**, Khattab, Z., Khattab, T., and Abraham, R. (2022). **Generative Adversarial Network Approach to Future Sermonizing of Housing Dispersal in Emerging Cities**, Journal of Urban Planning and Development, 148(1), March 2022, American Society of Civil Engineers (ASCE), March 2022, DOI: [https://doi.org/10.1061/\[ASCE\]UP.1943-5444.0000783](https://doi.org/10.1061/[ASCE]UP.1943-5444.0000783), ISSN (print): 0733-9488, ISSN (online): 1943-5444, Online at: <https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29UP.1943-5444.0000783>
- **Ibrahim, H.**, Khattab, Z., Khattab, T., and Abraham, R. (2021). **Expatriates' Housing Dispersal Outlook in a Rapidly Developing Metropolis Based on Urban Growth**

- Predicted Using Machine Learning Algorithm**, Journal of Housing Policy Debate, September 13, 2021, 33 (3), pp. 641-661, Taylor & Francis, ISSN: 1051-1482, DOI: 10.1080/10511482.2021.1962939, Online at: <https://www.tandfonline.com/doi/full/10.1080/10511482.2021.1962939>
- **Ibrahim, H.**, Salama, A., Wiedmann, F., Aboukalloub, B., and Awwaad, R. (2020). **Identification and Analysis of Land Use Change in Doha Downtown Neighbourhoods**, Journal of Urban Planning and Development, 146 (1), March 2020, American Society of Civil Engineers (ASCE), DOI: 10.1061/(ASCE)UP.1943-5444.0000544, ISSN (print): 0733-9488, ISSN (online): 1943-5444, Online at: <https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29UP.1943-5444.0000544>
- **Ibrahim, H.**, Aboukalloub, B., and Awwaad, R. (2019). **Appraisal of Nationals and Expatriates Housing Choices in Metropolitan Doha**, Open House International, Urban International Press, United Kingdom, Volume 44, Issue 4, PP. 64-72 (Accepted on 25th Sep. 2019), ISSN # 0160-2601), Online at: <https://doi.org/10.1108/OHI-04-2019-B0009>
- **Ibrahim, H.**, Salama, A., Wiedmann, F., Aboukalloub, B., and Awwaad, R. (2019). **Investigating Land Use Dynamics in Emerging Cities: The Case of Downtown Neighbourhood in Doha**, Journal of Urban Design , Taylor & Francis, 15th July 2019, 25(3), pp. 387-411, DOI: 10.1080/13574809.2019.1632179 , ISSN 2029-7955, Online at: <https://www.tandfonline.com/doi/full/10.1080/13574809.2019.1632179>
- **Ibrahim, H.**, Salama, A., Wiedmann, F., Awwaad, R., and Aboukalloub, B. (2019). **Investigating Housing Distribution for the Expatriate Population in Doha**, Journal of Urban, Planning and Transport Research, Taylor & Francis, 7 (1), pp. 34-52, June 12, 2019. DOI: 10.1080/21650020.2019.1635520, ISSN 2165-0020 Online at: <https://www.tandfonline.com/doi/full/10.1080/21650020.2019.1635520> (Received 12 Aug 2018, Accepted 12 Jun 2019, Published 28 June 2019).
- Wiedmann, F, Salama, A., **Ibrahim, H.**, and Mirincheva, V. (2019). **New Housing Patterns and Spatial Fragmentation in Gulf Cities**, Journal of Urbanism: International Research on Placemaking and Urban Sustainability (RJOU), Taylor & Francis, 12(4), pp. 393-411, DOI: 10.1080/17549175.2019.1626263, June 24, 2019, Online at: <https://doi.org/10.1080/17549175.2019.1626263>
- Boukhanouf, R. Amer, O., **Ibrahim, H.**, and Calautit J. (2018). **Design and Performance Analysis of a Regenerative Evaporative Cooler for Cooling of Buildings in Arid Climates**, Building and Environment, Vol. 142, PP. 1-10, Elsevier, June 2018, Published July 2018, ISSN: 03601323, Online at: <https://doi.org/10.1016/j.buildenv.2018.06.004>
- Salama, A., Wiedmann, F., and **Ibrahim, H.** (2018). **Migrant Knowledge Workers' Perceptions of Housing Conditions in Gulf Cities**, Journal of International Migration and Integration, Springer, Volume 19, Issue 1, PP. 15-33, Published February 2018, Print ISSN: 1488-3473, Online ISSN: 1874-6365, Online at: <https://link.springer.com/article/10.1007/s12134-017-0527-z>
- Salama, A., Wiedmann, F., and **Ibrahim, H.** (2017). **Lifestyle trends and housing typologies in emerging multicultural cities**, Journal of Architecture and Urbanism, Vol. 41, Issue 4, PP. 316-327, Taylor & Francis, DOI: 10.3846/20297955.2017.1415773, ISSN 2029-7955, Available Online on 26-12-2017 at: https://journals.vgtu.lt/index.php/JAU/article/view/1522?toggle_hypothesis=on
- Boukhanouf, R., Alharbi, A., **Ibrahim, H.** Amer, O., and Worall, M. (2017). **Computer modelling and experimental investigation of building integrated sub-wet bulb temperature evaporative cooling system**, Applied Thermal Engineering, Elsevier,

Volume 115, 25 March 2017, PP. 201–211, ISSN: 1359-4311, Online at:

<http://www.sciencedirect.com/science/article/pii/S1359431116343964>

- **Ibrahim, H.**, Salama, A., Wiedmann, F., and Awwaad, R. (2016). **A Comparative Assessment of Housing Dynamics In Abu Dhabi and Doha**, ArchNet- International Journal of Architectural Research- IJAR, ArchNet, Vol. 10, No. 3, pp. 152- 169, November 2016, ISSN: 1938 7806, Online at: <https://s3.us-east-1.amazonaws.com/media.archnet.org/system/publications/contents/10797/original/DTP103182.pdf?1484091441>

- Wiedmann, F, Salama, A., and **Ibrahim, H.** (2016). **The Impact of Affordable Housing Developments on Sustainability in Gulf Cities** - Open House International, Urban International Press, United Kingdom, Vol. 41, No. 4, 1-12-2016, pp. 31-38, (October 2016), ISSN # 0160-2601, Online at: <https://www.emerald.com/insight/content/doi/10.1108/OHI-04-2016-B0005/full/html>

- Remali A., Salama A., Wiedmann F., and **Ibrahim, H.** (2016). **A Chronological Exploration of the Evolution of Housing Typologies in Gulf Cities**, City, Territory and Architecture, Springer, 3 (1): 14, (September 2016), 1-15, ISSN# 2195-2701, DOI 10.1186/s40410-016-0043-z, Online at: <https://cityterritoryarchitecture.springeropen.com/track/pdf/10.1186/s40410-016-0043-z?site=cityterritoryarchitecture.springeropen.com>

- Wiedmann, F, Salama, A., and **Ibrahim, H.** (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. 56-63 (July 2016), ISSN # 0160-2601, Online at: <https://www.emerald.com/insight/content/doi/10.1108/OHI-02-2016-B0008/full/html>

- **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:

<https://publications.waset.org/9998224/thermal-performance-and-environmental-assessment-of-evaporative-cooling-systems-case-of-mina-valley-saudi-arabia>

- **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: <https://www.semanticscholar.org/paper/A-comparative-assessment-of-housing-dynamics-in-Abu-Ibrahim-Salama/2430b0f845354868d631d932b5a4e397a4d04ac3>

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- 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 Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, Vol.: 7 No.: 12, PP. 17- 23, ISSN: 2315-4527, Online at: <https://publications.waset.org/9996634/mathematical-modeling-of-a-sub-wet-bulb-temperature-evaporative-cooling-using-porous-ceramic-materials>

- **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>

- **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 at: <https://cgscholar.com/bookstore/works/rooting-old-souk-in-the-contemporary-urbanism-of-qatar>

- **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- ISSN: 1420-326X, 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

Selected Refereed Conference Articles

- **Alrababaa, A., Shouman, O., Ibrahim, H., Khattab, T., Shaheen, E., and Ibrahim, H.S. (2025), Integrating Machine Learning into Urban Analysis for Forecasting Urban Growth and Housing Dynamics in Emerging Metropolises**, The 10th International Conference on Urban Planning & Architectural Design for Sustainable Development (UPADSD), Springer, 21-23 October 2025, University of Florence, Florence- Italy.
- **Patel, S., and Ibrahim, H. (2023). Environmental Sustainability Comparative Assessment of Low-Rise and High-Rise Neighbourhoods based on People's Lifestyle Preferences: The Case of Doha-Qatar**, The 2nd International Conference on Civil Infrastructure and Construction (CIC), 5-8 February 2023, Qatar University, the Public Works Authority (Ashghal), the Ministry of Municipality, and the Ministry of Environment and Climate Change, Doha, Qatar
- **Ibrahim, H., Salama, A., Wiedmann, F., Aboukalloub, B., and Awwaad, R. (2019). Implications for affordable housing in Emerging Cities: The case of Doha- Qatar**, 2nd International Conference on "Innovation in Global Business, Social Sciences & Economics"- IGBSSE- 2019), GI Social Science Forum- GISSF, Seoul, South Korea, 5-6 October 2019
- **Ibrahim, H., Salama, A., Wiedmann, F., Aboukaloub, B., and Awaad, R. (2019). Population Growth and Housing Affordability in Doha Metropolitan: Challenges and Opportunities**, Qatar Foundation Annual Research Conference- ARC 18, 19-20 March 2019, Qatar Foundation, Doha, Qatar, Online at: <http://www.qscience.com/doi/pdfplus/10.5339/qfarc.2018.SSAHPP921>
- **Ibrahim, H., Salama, A., Wiedmann, F., Awaad, R., and Aboukaloub, B. (2018). Investigation of Housing Preferences in View of the Housing Market Dynamics in Doha Metropolitan**, 2nd International Conference on Architecture and Civil Engineering- ICACE, 9-10 May 2018, Penang, Malaysia, Springer.
- **Ibrahim, H., Salama, A., Wiedmann, F., Ibrahim, N., and Awaad, R. (2017). Investigating Urban Growth and Housing Preferences in Doha City**, Annual

International Conference on Urban Planning and Property Development (UPPD), 9-10 October, 2017, Global Science and Technology Forum, Singapore, PP. 117-123, Print ISSN: 2425-0112, E-Periodical ISSN: 2425-0201, DOI: 10.5176/2425-0112_UPPD17.39

- Wiedmann, F., Salama, A., and **Ibrahim, H.** (2017). **Planning for Affordable Housing as Part of Property-led Development Strategies in Gulf Cities**, Transcending Boundaries: Global Flows and Spatial Justice, 11-13 September, 2017, Queen's University, Belfast, UK.

- Amer O., Boukhanouf R., Mohamed E., and **Ibrahim H.** (2017). **Buildings' Evaporative Cooling by Means of Heat Pipes and Porous Ceramic Tubes**, 16th International Conference on Sustainable Energy Technology- SET 2017, 17-20 July 2017, World Society of Sustainable Energy Technologies, ALMA MATER STUDIORUM - Università di Bologna, Bologna, Italy.

- Alfraidi, S., Boukhanouf, R., Alabdullatif, A., Alharbi, A., **Ibrahim, H.**, and Habeebullah, T. (2016). **Cool Minaret: A Functional Element of Passive Cooling for Mosques in Hot-Arid Climates**, First International Conference on Mosque Architecture, 5-7 December, 2016, University of Dammam, Dammam, KSA.

- **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.** (2014). **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.

- 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.

- Boukhanouf, R., Alharbi, A., **Ibrahim, H.**, and Kanzari, M. (2013). **Investigation of A Sub-Wet Bulb Temperature Evaporative Cooler for Buildings**, Sustainable Building and Construction Conference 2013- SB13, 3-5 July, 2013, PP. 70-79, Coventry University, *(The best paper for Innovative Sustainable Technology sponsored by ICON and Coventry University)*, Coventry, 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. (2013). **Integration of Decision Support Systems and GIS Noise Mapping**, 20th 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

- **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.
- **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.
- **Khalil, R., and 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
- **Ibrahim, H., and Khalil, R. (2011). A Framework for Rooting Old Souks in the Contemporary Urban Environment**, The 2nd International Conference on Spaces & Flows" 17-18 November, 2011, Prato, Italy.
- **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
- **Ibrahim, H., and 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., and 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 7th 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**, 12th International Conference on System Research, Informatics & Cybernetics, Special Focus Symposium Collaborative Decision Support Systems, pp. 113-126, Baden-Baden, Germany, 31st July-4th 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 No. 1 pp. 79-88, University of Liverpool, Liverpool - UK 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

Reviewing/Editing 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

RESEACH PROJECTS/ GRANTS

- **Title:** Urban Growth of Metropolitan Doha: Machine Learning Algorithm Based Cumulative Analysis- QUST-1-CENG-2023-373.

Funding Agency: Qatar University, Graduate Assistant-GA (PhD Grant)

Fund Amount: QU Policy for GA Funded Program. **Project Duration:** 4 years.

Status: Awarded in January 2024- 2028

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

Funding Agency: Qatar National Research Fund, National Priority Research Program (**NPRP**), 7th cycle- NPRP 7 – 960 – 5- 135

Fund Amount: 1,010,731.10 US Dollars.

Project Duration: 3.5 years.

Status: Awarded in May 2015- Completed

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

Funding Agency: Qatar National Research Fund, National Priority Research Program (**NPRP**), 4th cycle- NPRP 4 - 407 - 2 – 153

Fund Amount: 657,075.00 US Dollars.

Project Duration: 4 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), 11th cycle

Fund Amount: 30,000 US Dollars.

Project Duration: 18 months

year.

Status: Awarded in May 2012- Completed

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

Funding Agency: Qatar National Research Fund, Undergraduate Research Experience Program (UREP), 10th cycle

Fund Amount: 60,000 US Dollars.

Project Duration: one year.

Status: Awarded in July 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), 6th cycle

Fund Amount: 30,000 US Dollars.

Project Duration: one year.

Status: Awarded in June 2009- 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: Delivered in July 2008- Completed

SELECTED DELIVERED WORKSHOPS/ SEMINARS

- NAAB iCert Essentials: Guiding Qatar University B.Arch. for a Successful Visit, College of Engineering- Qatar University, 6th September 2023
- Navigating NAAB iCert Essentials: Preparing Qatar University B.Arch. Program for an Effective NAAB Visit, Department of Architecture and Urban Planning- Qatar University, 21st August 2023.
- NAAB Architectural Design Skills, Department of Architecture and Urban Planning- Qatar University, 19th January 2023
- Multi-objective Optimization of Building Envelope Systems, Department of Architecture and Urban Planning- Qatar University May 2022.
- Knowledge change in Social Science and Humanities, College of Engineering, Qatar University, 14th April 2021
- 3D Model Based Design Approach, Seminar Serious- Department of Architecture and Urban Planning- Qatar University, 12th June 2019
- Excerpt of Housing Appraisal in Doha Multi-Cultural Society, Seminar Serious- Department of Architecture and Urban Planning- Qatar University, 5th November 2018
- Discussion on Qatari Architecture- Modernism vs. Traditionalism, Seminar Serious- Museum of Islamic Art (MIA), Qatar Museum Authority- QMA, 4th June 2017
- A Novel Passive Air Conditioning System, The EU-GCC Clean Energy Technology Network workshop, Research Outcome Seminar (ROS) on the subject "Energy Efficiency & Cooling", Qatar National Research Fund (QNRF), 3-4 May 2017, Doha, Qatar
- Enhancing Students'' Design Skills& Performance- Multi-Objective Optimization of Building Envelope Systems, Seminar Series- Department of Architecture and Urban Planning, College of Engineering, Qatar University, 20th November, 2016.
- 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, 24-25 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.

OTHER SCIENTIFIC/ ACADEMIC CONTRIBUTIONS

- Editorial Board member
 - Journal on Engineering Research– Academic Publication Council- Kuwait University, 2022- Present.
 - International Journal on Engineering Research and Empirical Studies – IJERES, IEREK, Wiley Publishing, December 2016- Present.
 - International Journal of Environmental Sciences and Sustainable Development- ESSD- IEREK, ELSEVIER Publishing, May 2016- Present
 - International Journal of Urban Planning, Open Access Journal, Sustainable Planning & Technologies, COGITATIO, September 2016- Present.
 - Journal of Urban Planning, Open Access Journal, COGITATIO- Portugal, May 2016- Present.
- Keynote Speaker
 - Acoustics-Tech Qatar, 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, Yildiz 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
- 1st 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
 - Abdullatif Al Fozan Award for Mosque Architecture, GCC Countries Architecture Award- Qatar Represented- November 2014- present
 - Senior Project Contest- Department of Architecture and Urban Planning- College of Engineering- Qatar University, June 2014
 - 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
 - Al-Imara Newsletter, Volume 1, Issue II, Summer 2018
 - Al-Watan Qatar- Mashareea Section- Page 3- April 3, 2017
 - 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