



Dr. KHALED GALAL AHMED

Associate Professor, Department of Architectural Engineering, College of Engineering, United Arab Emirates University, Al-Ain, UAE.

Date of Birth: 14 September 1969 Nationality: Egyptian Marital Status: Married

EDUCATION & QUALIFICATIONS

- 2003 **Doctor of Philosophy in Architecture**, University of Wales, Cardiff, UK
- 1999 **M. Sc. in Architectural Engineering**, Ain Shams University, Cairo, Egypt
- 1991 **B.Sc. (Hons) in Architectural Engineering**, Ain Shams University, Cairo, Egypt

HONORS & AWARDS

- 2007 UAE University 2007 Merit for "Recognizing Exceptional Service Through Work Assignments".
- 2005 Full UNESCO Sponsorship to attend The Regional Workshop on "Project/Resource Capacity Management in Contract Research & Development. in Amman, Jordan. Sponsored by the Arab League, The Arab Academy of Science and Technology, The UNESCO, The Science and Technology Management Arab Regional Network (STEMARN).
- 1999 Full Ministry of Higher Education in Egypt scholarship to pursue Ph.D. in the UK.
- 1999 First Prize, The New Building of the Faculty of Agriculture, Mansoura University, Egypt, limited competition with Dr. Salah Alsayed.
- 1994 First Prize, The Scientific Competition of the Academy of Scientific Research and Technology in Cairo, Egypt.
- 1992 First Prize, The New Al-Ahli Athletic Club in Naser City, Cairo, Egypt with The Arab Bureau For Design and Engineering Consultations in Cairo, Egypt.

TEACHING EXPERIENCE

At Mansoura University (2003-2005):

- Developed and taught various undergraduate courses including Architectural Design, Sustainable Building Technology, Graduation Project, Urban Planning & Housing and Housing & Social Environment with average teaching load of 15 Cr. hrs/semester.
- Taught 1 postgraduate course: Research Methods for M.Sc. students.

At UAEU (2005-2013):

- Developed and taught 11 undergraduate courses including Architectural Design Studios of all levels, Graduation Projects, Building Construction courses and Graphical Skills with average teaching load of 13.57 Cr. hrs/semester.
- Developed and taught 2 postgraduate courses for M.Sc. students and 1 postgraduate course for PhD students.
- Participated in developing the undergraduate laptop course 'Urban Design and Housing' and the "Building Construction Components" Course and in developing the course plans of the course Architectural Design for Constructed Facilities 1.
- Participated as a juror in various Mid and Final Term Design Juries for Architectural Design Studios, Interior Design, Urban Planning and Graduation Projects in AE Dept.
- Coordinated Graduation Project for GPI and GPII male students.

- Assessed the level of achievement of taught course through relevant assessment forms including Covpo (Course Outcome vs. Program Outcome), FN (Quantitative Course Assessment) and FL (Faculty Course Assessment) forms to measure the level of achievement of course outcomes besides the Advisory Grading Sheets (AGS) for assessment of students' performance and progress in GPs.
- Used modern teaching methods and used modern technology and computer software.
- Chaired two PhD qualifying exams and participated as a member in two PhD qualifying and one PhD prospectus exams committees.

Postgraduate Research Supervision (M.Sc. & Ph.D. in Arch. Eng.)

- Main advisor for 4 M.Sc. students and co-advisor of two PhD at Mansoura University, Egypt and Co-advisor of two PhD students at UAEU

PUBLICATION & RESEARCH

Published Papers in International Refereed Journals

1- Galal Ahmed, Khaled and El-Gizawy, Lamis (2010) The Dilemma of Sustainability In The Development Projects of Rural Communities In Egypt – The Case of New Gourn, *International Journal of Sustainable Development and Planning*, Vol. 5, No. 4, pp:407–429. [ISSN: 1743-7601 (paper format), ISSN: 1743-761X (online), <http://journals.witpress.com>, DOI: 10.2495/SDP-V5-N4-407-429].

2- Galal Ahmed, Khaled (2011) Evaluation of Social and Cultural Sustainability in Typical Public House Models in Al Ain, UAE, *International Journal of Sustainable Development and Planning*, Vol. 6, No. 1, pp:49–80. [ISSN: 1743-7601 (paper format), ISSN: 1743-761X (online), <http://journals.witpress.com>, DOI: 10.2495/SDP-V6-N1-49-80].

3- Galal Ahmed, Khaled (2012) A 'Fareej-in-the-Sky': Towards a Community-oriented Design for High-rise Residential Buildings in the UAE, *Open House International*, Vol. 37, No. 1 [ISSN: 0168-2601 (Print), http://www.openhouse-int.com/abdisplay.php?xvolno=37_1_5].

4- Galal Ahmed, Khaled (2012) Urban social sustainability: a study of the Emirati local communities in Al Ain, *Journal of Urbanism: International Research on Placemaking and Urban Sustainability*, Vol. 5, No. 1, pp: 41-66 [DOI:10.1080/17549175.2012.659515], <http://www.tandfonline.com/doi/abs/10.1080/17549175.2012.659515>]

5- Galal Ahmed, Khaled (2012) Residents' Socio-cultural Dissatisfaction in the Two Stages of Public Housing in Cairo, Egypt: What Has Changed in the Third 'Current' One?, *Urban Design International*, Vol. 17, No. 3, pp: 159-177. [doi:10.1057/udi.2012.9, <http://www.palgrave-journals.com/udi/journal/v17/n3/abs/udi20129a.html>]

6- Galal Ahmed, Khaled (2013) Social sustainability in public neighbourhoods in the UAE: the case of Al Ain, *Int. J. of Sustainable Society*, Vol. 5, No. 4, pp: 309-335

Published Papers in Regional Refereed Journals

1- Hussein, Samaa Rady; Galal Ahmed, Khaled and Farag, Osama Mohammed (2012) The Concepts of Form Based Code, *Mansoura University Engineering Journal*, Vol. 37, No. 3, pp: A14-A30

Published Chapters in Refereed Books

1- Galal Ahmed, Khaled (2006) Architectural Education As a Gate For "Glocal Architecture" in Egypt: A proposed Approach, in Al-Qawasmi, Jamal and de Velasco, Guillermo (eds.) *Changing Trends in Architectural Design Education*, Amman: The Center for the Study of Architecture in the Arab Region [CSAAR], pp:281-297 [ISBN: 9957-8602-0-8].

Published Papers In International/Regional Referred Conferences

1- Galal Ahmed, Khaled (2004) The Egyptian Village: Urbanisation and Abandoning Sustainable Primitive, in the Proceedings of The WSA 'Primitive' International Conference, September 15-17, 2004. Held at The Welsh School of Architecture, University of Wales, Cardiff, UK. [ISBN 1-899895-35-3]

2- Galal Ahmed, Khaled and El-Gizawy, Lamis (2005) Sustaining The Urban Form of Coastal Tourist Resorts in Egypt: An Approach for Sustainable Tourism, in the Proceedings of The International Conference for Development and Tourism in Coastal Areas, 9-12 March 2005, Sharm El-Sheikh, Egypt.

3- Ahmed, Khaled Galal and Rady, Samaa (2005) "Islamic Urbanization: An Approach For The Implementation of The Principles of Social Sustainable Development in the Contemporary Urbanism of The Arab City. In the proceedings of in the 3rd Minia International Conference For Advanced Trends in Engineering (MICATE' 2005) 3-5 April 2005, Minia, Egypt.

4- Galal Ahmed, Khaled (2005) The Principles of Urban Landscape As An Adaptive Process Not As An End Product". In the proceedings of the first workshop organized by the National Authority for Urban Landscape entitled, The Principles and Technical Criteria for Urban Landscape, Wednesday 5th of Jan 2005, The Supreme Council for Culture in Cairo, Egypt.

5- Galal Ahmed, Khaled (2006) Reshaping Urban Identity: A Proposed Conceptual Approach For The National Project of Enhancing The Urban Visual Image In Egypt, in The Proceedings of The World Conference for Accelerating Excellence in the Built Environment (WCAEBE), 2-4 October, 2006 Birmingham, UK.

6- Galal Ahmed, Khaled (2006) Images of The Cities: Global Architecture and the Crisis of Locality: Dubai Experience, in The Proceedings of The First International Conference of Architecture and Urban Planning, Ain Shams University, Cairo, Egypt, 28-30 October, 2006, pp:29-40.

7- Galal Ahmed, Khaled (2007) Reinitiating the Debate about Neighbourhood Design: A Multi-dimensional Approach For 'Family Housing Project' In Egypt, in The Proceedings of the International Symposium, Housing 3: Neighbourhoods Are More Than Houses, 20-23 May, 2007, Riyadh, Saudi Arabia, pp:45-58 [ISBN: 9960-9914-0-7].

8- Galal Ahmed, Khaled (2007) Environmental Sustainability in High-rise Residential Buildings in the Arab City Might Be Achievable, But What About Social Sustainability?, in the Proceedings of The 8th International Conference on High Rise Structure, IFHS2007, Dec10-12 2007, Abu Dhabi, pp:1-12. [ISBN 978-9948-03-621-0].

9- Galal Ahmed, Khaled and Hassan, Al Moataz A. (2007) Urban dimensions of Sustainable Tourism: Towards A Strategic Perspective For The Case of Al-Ain, in the proceedings of The 8th Annual Research Conference of the UAE University, 23-25 April, 2007, Al Ain, UAE, pp:Eng29-Eng39.

10- Galal Ahmed, Khaled (2007) Overriding The Barriers in Front of Genuine Community Participation in Urban Regeneration Projects in the Arab Cities: A Road Map, in the proceedings of the Workshop of Slum Upgrading: The Enhancement of Urban, Social And Environmental Conditions in The Middle East and North Africa., Aden, Yemen, 22-24 October 2007.

11- Rady, Sama, Galal Ahmed, Khaled and El-Gizawy, Lamis (2008) Concepts of Social Sustainability In Modern Urban Communities. In The Proceedings of The 6th International Engineering Conference, Mansoura University, 20-23 March, 2008, Sharm El Sheikh, Egypt [in Arabic].

12- Galal Ahmed, Khaled (2008) Economic Sustainability: The Forgotten Dimension in Governmental Urban Regeneration Projects in Egypt, in the proceedings of The 9th Annual Research Conference of the UAE University, 21-23 April, 2008, Al Ain, UAE.pp:CIT1-10.

13- Galal Ahmed, Khaled (2008) Social Capital of Local Communities: The Absent Dimension in Urban Regeneration Projects in Cairo, Egypt, in the proceedings of the Symposium of Urban Development of Northern District Governorate in the Kingdom of Bahrain, 7-9 January 2008.

14- Galal Ahmed, Khaled and Mohareb, Nabil (2009) Achieving Socio-cultural Sustainability in the Design of the Government-sponsored Single Family Houses in the UAE: The Case of Al Ain, in the proceedings of The 10th Annual Research Conference of the UAE University, 13-16 April, 2009, Al Ain, UAE, pp:773-782.

15- Galal Ahmed, Khaled (2009) Two Versions of 'New Gourni' and the Dilemma of Sustainability in New Urban Communities in Egypt, in the Proceedings of the Fourth International Conference on Sustainable Development and Planning, 13 – 15 May 2009, Cyprus, Organized by Wessex Institute of Technology, UK and the University of Thessaly, Greece, Volume 2, pp: 691-702.

[ISBN: 978-1-84564-422-2 (Vol. 2), ISSN: 1746-448X (print), ISSN: 1743-3541 (on-line)].

16- Galal Ahmed, Khaled (2010) Achieving socio-cultural sustainability in the design of the government-sponsored single family houses in the UAE: the Case of Al Ain, in the Proceedings of the 6th International Conference On Urban Regeneration And Sustainability 'The Sustainable City VI', 14 - 16 April 2010, A Coruña, Spain, Organized by Wessex Institute of Technology, UK and the University of A Coruña, Spain In Collaboration with The International Journal of Sustainable Development and Planning, pp: 139-152. [ISBN: 978-1-84564-432-1, ISSN: 1746-448X (print), ISSN: 1743-3541 (online)].

17- Galal Ahmed, Khaled (2011) The Current Design Models of Public Schools In Egypt: How 'Green' Are They?, In the Proceedings of The International Conference on Sustainable Systems and the Environment, Organized by the College of Engineering at American University of Sharjah in Collaboration with the Centre for Sustainable Development at the University of Cambridge, UK, American University of Sharjah, Sharjah, UAE, March 23-24, 2011.

18- Galal Ahmed, Khaled (2012) Current new designs of low income mass public housing in Cairo: What has been learnt from the failure of the past experiences? In the Proceedings of The IAHS XXXVIII World Congress on Housing, Istanbul, Turkey, April 16-19, 2012.

19- Galal Ahmed, Khaled (2012) Planning for Sustainable Communities in The UAE between theory and practice, in the 1st Urban Planning Seminar, 6-10 May 2012, Directorate of Planning and Survey, Sharjah, UAE.

20- Galal Ahmed, Khaled (2013) Planning for Socially Sustainable Communities in the UAE: Theory and Practice, In the Proceedings of the ICPD 2013-The 7th International Conference on Planning and Design: Creative Design and Smart Living, Tainan, Taiwan, May 20-24, 2013.

Funded Research Projects

- Principal Investigator for four internally funded research projects. Co- Principal investigator for a research project funded by Dubai Municipality, funding amount of 123 thousand AED, submitted in December 2007.

- Co- Principal investigator for a Research Project funded by Emirates Foundation, funding amount of 200 thousand AED, finished and submitted by December 2012.

INVITED SPEAKER IN SCIENTIFIC EVENTS

- Invited speaker in various international and regional conferences/seminars/public lectures.

PARTICIPATION IN ACADEMIC SERVICES

- Chair/Coordinator/Member in various Dept., College and University committees

PROFESSIONAL EXPERIENCE IN ARCHITECTURE & URBAN DESIGN

- Senior Urban Designer and Architect in various consultants and architectural firms in Egypt and the Gulf.