

Associate Professor

Mohamed Atef Elhamy Kamel

Arab Academy for Science, Technology and Maritime Transport.

CURRICULUM VITAE *

Personal Data

First name: Mohamed
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Professor

Architectural Engineering and Environmental Design Dept.
College of Engineering and Technology
Arab Academy for Science, Technology and Maritime Transport,
Alexandria, Egypt. (From 2009- present)

Department of Architecture- Faculty of Fine Arts,
University of Alexandria,
Alexandria, Egypt. (From 1992-2009)

Education

Graduate Studies:

- 2013** **Professor**
The Supreme Council of Universities, Egypt.
- 2007** **Associate Professor**
The Supreme Council of Universities, Egypt.
- 2002** **Ph.D. degree of Architecture-**
Department of Architecture- Faculty of Fine Arts-
University of Alexandria.
Subject of the thesis:
The Impact of Circulation Systems on Wayfinding in Architecture
- 1999** **Master Degree of Architecture-**
Department of Architecture- Faculty of Fine Arts-
University of Alexandria.
Subject of the thesis:
Human Senses and Formation of Architectural Spaces.

Undergraduate Studies:

- 1992** **Bachelor of Architecture -** Faculty of Fine Arts-
University of Alexandria.
Final result: Very Good with Honorary Degree
(The Top Graduate Student).

Research Work

- 2013** **“Encouraging walkability in GCC cities: smart urban solutions”**
Published in “Smart and Sustainable Built Environment”, Emerald -
(ISSN: 2046-6099), vol. 2, no. 3, 2013.
- 2013** **“Community Participation in Road Safety from Planning and
Design to Implementation”**
The Second Forum on Traffic Safety,
University of Dammam, KSA.
- 2013** **“Urban Design Strategies to Manage Car Dependency in
Alexandria City Centre, Case Study: St. Safeya Zaghoul”**
Published in Journal of Al Azhar University Engineering Sector,
JAUES, (ISSN: 1110-6409).
- 2013** **“The Impact of Using Green Roofs on Heat Island Effect in
Cairo”**
The First Conference of the Egyptian Affiliation of International
Building Performance Association Organized by IBPSA- Egypt and
Arabian Group for Development, Cairo 2013.
- 2013** **“Stormwater Management through Green Roofs: A Case
Study of Alexandria, Egypt”**
The Future of Gated Communities: Toward sustainable Urban
Development, The International Conference and Exhibition, Housing
& Building National Research Center, Egypt, 2013
- 2013** **“Virtual Reality as an Urban Design E-Learning Technology:
Potentials and Challenges in Developing Countries”**
3rd International Conference for E-learning and Distance Education,
ELI 2013.
Ministry of Higher Education, and National Center for E-learning
and Distance Learning, Riyadh, KSA.
- 2012** **“Conservation of Built Vernacular Heritage: A Case Study of
Siwa, Egypt”**
National Built Heritage Forum.
Saudi Commission for Tourism and Antiquities, and University of
Dammam, KSA.
- 2012** **“Conservation of Urban Heritage of Turkish Quarter in
Alexandria: Towards a better quality of life”**
Quality of life–A vision towards better future, 2nd international
Conference.
Faculty of Engineering, Architecture Department.
MTI university, Egypt.

- 2012** **“Re-humanization of the Arab cities, the case of Alexandria, Egypt”**
APJ, Architecture and planning journal, Faculty of architectural engineering, BAU, Beirut Arab University, Lebanon.
- 2011** **“Improvement of Road Layout and Safety in an Urban Environment: Towards a pedestrian-friendly street, Corniche of Alexandria as a case study”**
First traffic safety forum, University of Dammam, KSA.
Published in “International Journal of Transportation Science and Technology (IJTST)”, vol. 1, no. 4, 2012, pages 335 – 350.
- 2011** **“Climate change: urban planning adaption strategies the case of GCC countries”**
The 6th Gulf Conference for Municipal work Conference, Riyadh, KSA.
Published in “Building Technology”, a specialized architectural, engineering & technical reviewed magazine issued by ministry of municipal affairs, KSA.
- 2010** **“Strategy of Sustainable Development of the Area of Mariut Lake and Valley in Alexandria”**
AEIC 2010, “Al-Azhar Engineering Eleventh International Conference”, Department of Architecture - Faculty of Engineering, Al Azhar University, Egypt.
Published in a special issue of journal of Al Azhar University Engineering sector, JAUES, (ISSN: 1110-6409).
- 2010** **“The impact of global warming threats on sustainable real estate development in Egypt”**
The 1st Built Environment Development Symposium: Real Estate and Housing Sustainability, Dammam, KSA.
- 2009** **“Evaluation of the sustainability dimensions of the residential areas in the new Burj Al Arab city”**
Technology and Sustainability in the Built Environment Conference.
King Saud University, College of Architecture and Planning, Riyadh. KSA.
- 2009** **“Environmental Considerations in El-Gazaire Village Regeneration, in the South West of Alexandria, Egypt”**
Bulletin of High Institute of Public Health, Vol. 39 No. 1.
- 2008** **“Environmental Hazards in the Arabian Villages and Means of Treatment”**
Symposium on Disasters Management & Safety of Buildings in Arab Countries.
Engineering Training Center, Ministry of Municipal and Rural Affairs, Riyadh, KSA.

- 2007** **“Culture of Fifth Dimension & Future Development of Architectural Education”**
Towards New Architectural Dimensions,
Cairo University, Faculty of Engineering, Dept. of Architecture.
- 2005** **“The Impact of Globalization on Alexandria”**
Architecture, Communities & settings- Globalization & Beyond,
Cairo University, Faculty of Engineering, Dept. of Architecture.
- 2004** **“Preservation of Architectural Identity in Siwa Oasis”**
Architectural Heritage & Cultural Identity,
AASTMT & Bibliotheca Alexandrina.
- 2004** **“Environmental Sustainable & Technology of Smart House”**
Omran the New Century Conference,
International Exhibition & Conference for Building & Construction.
11th Conference, Cairo, Egypt.
- 2004** **“Sustainability & Double Skin Façade System”**
Sustainable Architecture & Urban Development,
Cairo University, Faculty of Engineering, Dept. of Architecture.
- 2004** **“Sustainable Development & City of the Future”**
Sustainable Architecture & Urban Development,
Cairo University, Faculty of Engineering, Dept. of Architecture.
- 2003** **“Searching for Creativity in Students of Architecture”**
University and Creativity Conference,
Menia University.
- 2003** **“Regeneration of Pompeii's Pillar & Kom Al Shoqafa Catacombs area”**
Alexandria, City of Civilization & culture,
Ministry of Tourism & Bibliotheca Alexandrina.
- 2003** **“The Impact of ITCs on the City - Smart Desert City”**
Omran the New Century Conference,
International Exhibition & Conference for Building & Construction.
10th Conference, Cairo, Egypt.
- 2003** **“Development of Tourism in Alexandria-
The Submerged City in Eastern Port”**
The Impact of Alex. Bib. On Development of Tourism Conference,
Alex. University & Bibliotheca Alexandrina.
Published in Tourism & Hotels Journal, Vol.1, 2003.
- 2003** **“The Impact of Educational Spaces on Learning of Architecture”**
Globalization & Fine Arts Education Conference,
Helwan University, Faculty of Fine Arts.

Supervision of Theses

Shahira Asem	Regeneration of El-Gazaire Village, Alexandria.
Ahmed Foad Hassan	Nano Architecture
Ahmed Nasr	Light Rail System as an Urban Development Tool
Ahmed El-Fakharany	Reduction of Car Dependency in City Centers
Wael Hussein Mahmoud	Environmental architecture evolution: towards design guidelines to enhance human environment
Mohamed Mohamed Kotb	The fourth generation of new cities in the Egyptian deserts
Nour Eldin Mahmoud	Creating Affordable Industrial Housing: Abukir Fertilizers Company
Maye Karam	New Criteria of Worship Places
Fiona Naoom	Sustainable Materials
Nada El-Araby	Smart Growth

Examination of Theses

Mohamed Fakhry	Economics of Hospitals
Esraa Ahmed Abdelrazek	The Impact of Virtual Reality Study on the Design of Urban Spaces

Training Courses

2012	“Examination and Student Assessment Systems” Education Affairs and Quality Assurance, AASTME.
2010	“NAQAAE Training Program” National Authority for Quality Assurance and Accreditation of Education (NAQAAE) Training programs covers the areas of: <ul style="list-style-type: none">• Strategic planning• Assessment of learning outcomes• Curriculum mapping• Internal quality assurance systems• How to conduct the self – study• Peer reviewing
2010	“Program Assessment Leaders” Accreditation Board of Engineering and Technology (ABET)
2007	“ICDL Training Program” Supreme Council of Universities Central Unit of ICT Training (CUICTT) Improving Higher Education Workforce ICT Skills Project
2007	“Teaching with Technology T3” Faculty & Leadership Development Center (FLDC)

- 2007** **“Writing Scientific Paper & International Publication R2”**
Faculty & Leadership Development Center (FLDC)
- 2005** **“New Trends in Teaching T2”**
Faculty & Leadership Development Center (FLDC)
- 2005** **“Curriculum Design T4”**
Faculty & Leadership Development Center (FLDC)
- 2005** **“Credit Hours T10”**
Faculty & Leadership Development Center (FLDC)
- 2005** **“Quality Assurance T12”**
Faculty & Leadership Development Center (FLDC)

Contributions for Development of Educational Regulations

- 2009 and 2012** Preparation of the status report of Architectural Engineering and Environmental Design Department as a requirement for Supreme Council of Universities accreditation.
- 2009** Participation in RIBA P1 and P2 visit.
- 2009-present** Participate in the preparation of ISO documents.
- 2009-present** Preparation of NAQAAE BSc. Program Report.

Various Committees at the College Level

- 2009-present** AEED representative at Quality Assurance Unit, AASTMT.
- 2009-2013** NAQAAE document preparation committee, AASTMT.
- 2009-2010** AEED representative at E-learning and Distance Education committee, AASTMT.

Professional Societies and Activities in Civic and Public Affairs

- 2011-present** **Urban Consultant at Engineers Syndicate.**
- 1992-2011** **Architect at Engineers Syndicate.**
- 2011-present** **Consultant in Urban Studies at General Organization for Physical Planning (GOPP),**
Ministry of Housing, Utilities and Urban Development, Egypt.
- 2007-2011** **Expert at General Organization for Physical Planning (GOPP),**
Ministry of Housing, Utilities and Urban Development, Egypt.
- 2010-present** **Expert at UN-HABITAT (UNCHS),**
The United Nations Development Programme (UNDP),
The United Nations.

Some Significant Projects

- 2011-2013** **Member of the Informal Housing Workgroup, Strategic Urban Planning for Alexandria City till 2032,** The United Nations Development Programme (UNDP) and General Organization for Physical Planning (GOPP).
- 2011-2013** **Strategic Urban Planning for Small Cities.**
United Nations Centre for Human Settlements (UNCHS),
HABITAT, the United Nations Human Settlements Programme.
(Rahmaniya, Balteem and Alamaine)
- 2010-2012** **Detailed Plans for Egyptian Villages.**
General Organization for Physical Planning, Ministry of Housing,
Utilities and Urban Development. (Suhag)
- 2010** **Urban cordons for Egyptian Hamlets.**
General Organization for Physical Planning, Ministry of Housing,
Utilities and Urban Development. (Suhag)
- 2007-2009** **Strategic Plans for Egyptian Villages.**
General Organization for Physical Planning, Ministry of Housing,
Utilities and Urban Development. (Monufia - Suhag)
- 2005** **Pilot Plans for Egyptian Villages.**
General Organization for Physical Planning, Ministry of Housing,
Utilities and Urban Development. (Beheira- Monufia)