

# MAHMOUD YOUSEF M. GHONEEM

Associate Professor of Architecture and Urban Design,  
Architecture Department - Faculty of Fine Arts,  
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## 1. Academic Background

- Accomplished** **Doctor of Philosophy in Architecture**  
**2011** Faculty of Fine Arts, Helwan University, Cairo, **Egypt**
- Ongoing** **Master of Business Administration (MBA)**  
**2017** International Business School of Scandinavia (IBSS), Cairo, **Egypt**
- Accomplished** **Post Graduate Diploma of Urban Management**  
**2014** Institute for Housing and Urban Development Studies, Rotterdam School of Management, Erasmus University, **Netherlands**
- Accomplished** **Master of Architecture**  
**2004** Faculty of Fine Arts, Helwan University, Cairo, **Egypt**
- Accomplished** **Bachelor of Architecture** (five years professional degree) - with honor degree (**THE FIRST**) - Graduation project was ranked the first, Excellent (190/200)  
**2000** Faculty of Fine Arts, Helwan University, Cairo, **Egypt**

## Academic and Professional International Courses

- 2016** **Community Based Disaster Management**-international Training Program, Granted from the Government of Indian & The Egyptian Ministry of International Cooperation, 28 days workshop on mainstreaming Disaster Risk Reduction Strategies, National Institute of Rural Development &PR, Hyderabad, **India**.
- 2014** **Management of the Heritage Sites**, 3days workshop for GIS applications in managing the heritage sites was given by Douglas C. Comer president of ICOMOS, UNESCO, IEREK.
- 2011** **Environmental Engineering Management**, the American university in Cairo (AUC).
- 2015** **Quality Assurance and Accreditation of Education**, training courses, the National Authority for Quality Assurance and Accreditation of Education.
- 2015** **Competitive research projects**, Training Course, Helwan University.
- 2015** **Organizing Scientific Conferences and meetings**, Training Course, Helwan University.
- 2015** **Credit Hours Education System**, Training Course, Helwan University.
- 2010** **Strategic Planning**, Training Course, Helwan University.

## Honors and Academic Awards

- 2017** **"Teaching Grant - Cardiff Metropolitan University, UK"** One week teaching mobility, offered by European Commission, for giving lectures and participating in Studio sessions with students from Architectural & Technology Course within Cardiff School of Art and Design, Grant offered by Erasmus + key Action 107 - International Credit Mobility Grant.
- 2005** **"The Best Scientific Research Prize"** from Helwan University for the year 2004/2005.

## 2. Research Activities

### A. Dissertation and Thesis

- PhD Dissertation** "A Methodology approach for Achieving the Environmental Equilibrium inside Cities - Cairo as a Case study"
- 2010** "The main objective of research was to create a methodology that dealing with the determinants, natural areas and the environmental potentials inside the city that helping in restoring the environmental equilibrium, using the principles of sustainability and the basic indicators for strategic environmental assessment for the cities".
- Master Thesis** "The Paradigms and regulations organizing construction, and its effect on architecture & urbanism of Cairo" - "Awarded the Best Scientific Research Prize"
- 2004** "The research attempted to study the regulations organizing the urbanism (urban planning & construction) and its effect on the buildings' architectural forms, which consider the principle form for the urbanism, in this Thesis I made comprehensive assessment to the Egyptian Regulations that affect its current urbanism according to the Main five principles/purposes of Sharia (Islamic religion) and searched for urbanism which in contact with cultural environment and human being needs, to develop urban special structure for the city form".
- MBA Thesis** "Designing and Applying a Comprehensive Business Plan for Small and Medium sized Companies, Challenges and Opportunities - Case Study "Architectural Consulting Companies in Egypt"
- 2016**

### B. Publications in Refereed International Journals

- 2016** Ghoneem, Mahmoud "Planning for Climate Change, Why does it Matter? (From Phenomenon to Integrative Action Plan", Elsevier, Procedia - Social and Behavioral Sciences, Volume 216, Pages 675-688.

### C. Book/ Guest Editor

- 2015** Guest editor for the conference proceeding - 1st international conference on Improving Sustainability Concept in Developing Countries (ISCDC), Elsevier at the Procedia journal "Social and Behavioral Sciences", Cairo, **Egypt**.
- 2016** Guest editor for the proceeding - 1st international conference on Green Urbanism, Elsevier at the Procedia journal "Environmental Sciences", **Italy**.

### D. Publications in Refereed International Conferences

- 2015** "Mainstreaming Climate Change management Actions into Development Planning, Challenges and Opportunities" - 4th Edition of the EHSP-NRCS International Conference on Human & Environmental Security in the Era of Global Risks (HES2015), 25-27 November 2015, Agadir, **Morocco**.
- 2015** "Planning for Climate Change, Why does it matter? - from Phenomenon to integrative Action Plan" - International Urban Planning and Architecture Design for Sustainable Development Conference (UPADSD), University of Salento, Lecce, **Italy**, 14-16 October 2015 - (ELSEVIER- Procedia journal "Social and Behavioral Sciences", ISSN: 1877-0428).
- 2013** "Living within History: the challenges between place identity and Globalization Impacts"- Spaces and Flows: Fourth International Conference on Urban and Extra Urban Studies, Center of Urban Studies, Amsterdam Institute for Social Science research, University of Amsterdam, Amsterdam, **Netherlands**. 22-23 November 2013.
- 2013** "Toward resilience Urbanization: The Shared Roads as a mean for enlarging the public spaces" - the 13th International Conference on Quality in Research (QiR) 2013, Faculty of Engineering, University of Indonesia, Yogyakarta, Indonesia. 25-28 June 2013. (ISSN: 1411-1284)
- 2013** "The Early Warning Application role in facing the Environmental Crises and Disasters - Preliminarily risk management strategy for the greater city of Cairo " - 2nd International Scientific Conference "Regional Development, Spatial Planning and Strategic Governance", Institute of Architecture and Urban & Spatial Planning of Serbia (IAUS), Belgrade, Serbia, 22-25 May 2013. ("SPATIUM" International Review, No.29. ISSN: 1450-569X)

- 2013 **"A Methodology for Mitigating the Effects of the Micro Climate Changes related to the urbanization inside developing countries main Cities - Cairo as a case study"** - 2nd International Scientific Conference "Regional Development, Spatial Planning and Strategic Governance", Institute of Architecture and Urban & Spatial Planning of Serbia (IAUS), Belgrade, Serbia, 22-25 May 2013. (ISBN: 978-86-80329-76-5)
- 2013 **"Coloring the City: Urban Art between vandalism and innovation "** - International Conference on Contemporary Art, Mimar Sinan Fine Arts University, Istanbul, Turkey. 10-12 April 2013. (DAKAM Publishing. ISBN: 978-605-4514-05-2)
- 2013 **"The Ugly Face Of the City: The visual quality appraisal between luxury and need"** - International Conference on Contemporary Art, Mimar Sinan Fine Arts University, Istanbul, Turkey. 10-12 April 2013. (DAKAM Publishing. ISBN: 978-605-4514-05-2)
- 2012 **"The Changes in the urban roles of the public spaces and its impact on the future plans of Great cities center"** - 1st International Conference on Architecture and Urban Design, EPOKA University and Polytechnic University of Tirana, ALBANIA. 19-21 April 2012. (EPOKA University Press. ISBN: 9789928-135-01-8)
- 2008 **"The New Technology Applications in facing the natural and Environmental Disasters"**- Disasters Management Symposium, Riyadh, Saudi Arabia. 29 March -01 April 2008.

### **E. Guest/ keynote Speaker/ Moderator**

- 2015 **Invited guest speaker** at the main plenary session with the title 'What is the vision of sustainability in developing countries?' And moderator of session at the conference Improving Sustainability Concept in Developing Countries, Cairo, **Egypt**.
- 2015 **Invited guest speaker** at round table discussion about mainstreaming climate change strategies within the third world development policies, And moderator of session at the 4th Edition of the EHSP-NRCS International Conference on Human & Environmental Security in the Era of Global Risks (HES2015), Agadir, **Morocco**
- 2015 **A moderator** of session at the International Conference on Urban Planning and Architectural Design for Sustainable Development (UPADSD), at Salento University, Lecce, **Italy**
- 2013 **A moderator** of session at the 2<sup>nd</sup> International Scientific Conference "Regional Development, Spatial Planning and Strategic Governance", Institute of Architecture and Urban & Spatial Planning of Serbia (IAUS), Belgrade, **Serbia**

### **F. Membership of Scientific Committees and Research Teams**

- 2017 **Scientific committee member** of the 2st international conference on Urban Planning and Architectural Design for Sustainable Development (UPADSD), Egypt.
- 2016 **Scientific committee member** of the 1st international conference on Green Urbanism, Italy. (The conference proceedings will be published by Elsevier at the Procedia journal "Environmental Sciences" with ISSN: 1878-0296)
- 2016 **Scientific Reviewer** for Urban Climate journal Volume 16 (UCLIM-D-16) ISSN: 2212-0955 - Elsevier.
- 2016 **Scientific committee and Jury member** of Kore International Winter School (KIWiS 2016) with theme of "Ephemeral Design for the Marginal Urban Spaces in the Slopes of Enna", The Faculty of Engineering and Architecture at the University Kore of Enna, Enna, Italy.
- 2015 **Scientific committee member** of the International Conference on Urban Planning and Architectural Design for Sustainable Development (UPADSD), at Salento University, Lecce, Italy.( The conference proceedings published by Elsevier at the Procedia journal "Social and Behavioral Sciences" with ISSN: 1877-0428).

- 2015 Scientific committee member** of the International Conference on Conservation of Architectural Heritage (CAH), at the Grand Palm Nile Cruise, Luxor, Aswan. (The conference proceedings published by Elsevier at the Procedia journal "Social and Behavioral Sciences" with ISSN: 1877-0428)
- 2015 Scientific committee member** of the International Conference on Improving Sustainability Concept in Developing Countries (ISCDC), at Grand Nile Tower Hotel, Cairo, Egypt (The conference proceedings published by Elsevier at the Procedia journal "Environmental Sciences" with ISSN: 1878-0296)

### G. Research Interests

- Urban Management
- Spatial cognition analysis
- Disasters recovery management
- Climate change management Strategies
- Digital simulation of Climate change Adaptation and Mitigation Strategies
- Strategic Planning and Environmental Management
- Sustainability and Environmental Architecture Design
- Architectural design process

### 3. Academic Teaching Experience

- 2016 Associate Professor**  
**Present** Architecture Department, Faculty of Fine Arts, Helwan University, Cairo, Egypt
- 2011 Assistant Professor**  
**2016** Architecture Department, Faculty of Fine Arts, Helwan University, Cairo, Egypt
- 2013 Assistant Professor**  
**Two Semesters** Misr international University (MIU), Cairo, Egypt - (History and Theories of pharos, Greek, Roman, Cristian and Islamic Architecture – Architecture Theory).
- 2011 Assistant Lecturer**  
**2004** Faculty of Fine Arts, Helwan University, Cairo, **Egypt**
- 2004 Demonstrator**  
**2000** Faculty of Fine Arts, Helwan University, Cairo, **Egypt**

### Modules Taught (develop and contribute to the curriculum of the following modules)

- Postgraduate Courses**
- Environment Protection Studies - (MSc and PhD)
  - Supervising postgraduate research students - (MSc and PhD)
  - Environmental Treatments inside Buildings - (Master)
  - History of Architecture (Islamic Period) - (Diploma)
- Undergraduate Courses**
- Architecture Design.
  - Senior Project (Graduation project)
  - Environmental Treatments inside Buildings & Acoustics
  - Working Drawings
  - History of Architecture (Pharos, Greek, Roman Period)
  - Housing & Landscape

### Language

- . **Arabic** - (The Native language)
- . **English** - Excellent command (spoken, written, Reading).
- . **Germany** - Verty Good command (spoken, written, Reading).
- . **French** - Primary knowledge (spoken).
- . **Indian** - Primary knowledge (spoken).

#### 4. Computer Application Skills

3D Studio Max	(advanced user)
AutoCAD (2D & 3D)	(expert user)
Autodesk Rivet for architecture	(intermediate user)
Sketch up & lumion	(expert user)
Rhino and Grasshopper	(intermediate user)
CorelDraw (vector software)	(advanced user)
Adobe Photoshop (raster editing software)	(expert user)
MapInfo (GIS software)	(intermediate user)
QGIS (GIS software)	(intermediate user)
Ms-Office app. (Word, Excel, Power point and Access)	(expert user)
Ms-Project management	(advanced user)

#### 5. Professional Membership

Egyptian Syndicate of Engineers. (Consultancy certificate from the Egyptian syndicate of Engineers in 2016).  
 Society of Egyptian Architects.  
 Federation of Arab Engineers.  
 IEREK (International Experts for Research Enrichment and Knowledge Exchange).

#### 6. Professional Career History

Prof. Ghoneem has about 16 years of Academic and profession experience in Architecture, landscape and Urban Design, he participated in different Types of projects, such as Hotels & Resorts, Commercial, Residential & Recreational and other Miscellaneous projects in Egypt & the Middle East. He has a Proficient knowledge of architectural design and its applications. Moreover he has Strong analytical skills with ability to identify, implement and follow-up opportunities for efficiency. This list contents my career history as a professional architect within the Academic job.

**Thank you Very Much**