

# Ayman Abdel-Azim Melouk

PhD Architect  
Assistant Professor

Mobil: Egypt; +20 1095951060  
Email: [amlok07@gmail.com](mailto:amlok07@gmail.com)  
Skype: dr.ayman.melouk  
LinkedIn: <https://www.linkedin.com/in/aymanmelouk/detail/recent-activity/shares/>  
MSc Project Management (Univ. of Greenwich, London. UK)  
PhD Architect (Cairo Univ., Cairo, Egypt)  
MSc Architect (Cairo Univ., Cairo, Egypt)  
BSc. Architect (Military Technical Collage, Cairo, Egypt)

## Personal Profile

An ambitious, highly motivated, clear thinking and confident person with excellent written and spoken communication skills who enjoys motivating people and helping them to realize their potential. Dependable and reliable in supporting and enabling team effort to produce genuine long-term sustainable development.

## Objectives and Key Skills

- Excellent experience in creating and executing project work plans and revising them as appropriate to meet changes needed and requirements
- Effectively applies methodology and enforces project standards
- Minimizes our exposure and risk on project
- Able to Identify resources needed and assign individual responsibilities
- Manage day-to-day operational aspects of a projects and scopes
- Review deliverables prepared by team before passing them to client
- Prepare for engagement reviews and quality assurance procedures
- Ensure that project documents are complete, current, and stored appropriately
- Excellent team management experience
- Imaginative, resilient, always performs well under pressure, uses own initiative and work well as a member of a team

## Academic Background

- **PhD Environmental Architecture** **Jul 2000- Nov 2004**  
Thesis title; A DESIGN METHODOLOGY FOR ENERGY CONSERVATION IN OFFICE BUILDINGS IN HOT CLIMATES -CAIRO CASE STUDY, Cairo Univ.- Fac. of Engineering, Cairo, Egypt
- **MSc Project management** **Sep 2009- Dec2010**  
Dissertation title; REDUCING CARBON EMISSION IN MANAGING PUBLIC RESIDENTIAL PROJECTS, University of Greenwich, London, UK
- **MSc Architecture Design** **Jul 1993- Nov 1998**  
Thesis title; ADMINISTRATIVE BUILDING; DEVELOPMENT OF DESIGN APPROACHES OF MINISTERIAL BUILDING; THE CAIRO CASE., Cairo Univ.– Fac. of Engineering, Cairo, Egypt
- **BSc Architect** **Sep1980- Jul 1985**  
Graduated Project; DESIGNING FOR DOWNTOWN FACILITIES BUILDINGS, MTC, Cairo, Egypt

## Research Interest

- Architecture Design
- Environmental Architecture
- Biomimicry Architecture
- Construction Management
- Project Management
- Architecture Theory

## Author Publisher (Under Publishing)

- Buildings with Earth (MUD) Materials, "Vol.1: Ancient Era"-By Arabic
- Buildings with Earth (MUD) Materials, "Vol.2: Modern Era"-By Arabic

## Career History

**Area Manager**                                      **NKY Engineer Riyadh- KSA**                                      **Dec 2014 – Apr 2021**

- **Leading a consultant teamwork for 2 Mega projects in Riyadh, KSA**

The projects consist of more than 130 different type of buildings divided in two sites. The cost for both projects is 350,000,000 \$. The main contractor is J&P Co.

**Assistant Prof.**                                      **Arch. Dept.- AlJazira Eng. Ins.- AIMokattam- Egypt**  
**Jun 2012 – Dec2014**

Duties and responsibilities:

- Teaching the following subjects:
  - Building Construction, I&II
  - Architecture Thermal Comfort.
  - Intelligent Building.
  - Theory of Architecture I

**Assistant Prof.**                                      **Arch. Dept.- MSA university- 6<sup>th</sup> of October City - Egypt**  
**Jun 2012 – Dec2014**

Duties and responsibilities:

- Teaching the following subjects:
  - Architecture Design Concept
  - Building Construction, I&II
  - Construction management
- Supervising the students' graduation projects
- supervising students' research activities
- Designing courses appropriate to the learner group.
- Accreditation Committee member
- Teaching Quality Committee member
- Post Graduate Courses

**Assistant Prof. (P/T)**

**Arch. Dept.- Future university- 5<sup>th</sup> Tagamoe - Egypt**

**Feb 2013 – Jan 2014**

Duties and responsibilities:

- Teaching the following subjects:
  - Project Management
  - Working Drawing 1

**Assistant Prof.**

**School of Arch. -BAU Beirut, Lebanon**

**Oct 2011- Jun 2012**

Duties and responsibilities:

- Teaching the following subjects:
  - Architecture Design
  - Project management
  - Building Construction
  - Working Drawing 2
  - Environmental control

**Assistant Prof. (P/T)**

**Arch. Dept.- MSA university- 6<sup>th</sup> of October City – Egypt**

**Feb 2011 – Jun 2011**

Duties and responsibilities:

- Teaching the following subjects:
  - Architecture Design
  - Building Construction
  - Working Drawing
- Supervising the students' graduation projects
- supervising students' research activities
- Designing courses appropriate to the learner group.
- Accreditation Committee member
- Teaching Quality Committee member

**Project Manager and Consultant**

**Allabina Architecture & Engineering Consultancy, Tripoli,Libya**

**Jun 2007 - Jul 2009**

Duties and responsibilities:

• **Leading a consultant teamwork for a Multi projects in Eastern Area, Libya**  
The projects consist of deferent types of projects and Buildings distributed in 5 cities& 2 Towns.  
The total cost for all projects around 1,800,000,000 \$. Supervising 4 contractors.

**Assistant Prof.**

**Arch. Dept.- Thebes Engineering institute- Cairo-Egypt**

**Sep 2005 – Sep 2009**

Duties and responsibilities:

- Teaching the following subjects:
  - Architecture Basic Design
  - Architecture Design
  - Working drawing
  - Environmental Control
  - Climate and Desert Regions
- Supervising the students' graduation projects
- supervising students' research activities
- Designing courses appropriate to the learner group.
- Accreditation Committee member
- Teaching Quality Committee member

**Assistant Prof.**

**Arch. Dept.- High Technology Ins.- 10<sup>th</sup> of Ramadan City, Egypt  
Jan 05 – Aug 05**

Duties and responsibilities:

- Teaching the following subjects:
  - Environmental Control
  - Architecture Design
  - Climate and Desert Regions
- Supervising the students' graduation projects
- supervising students' research activities
- Teaching Quality Committee member

**Project Manager**

**Armed Forces, Great Project Dept.- Cairo, Egypt  
Jul 85 - Jul 2004**

**(Housing Compound in 6<sup>th</sup> of October City)**

Duties and responsibilities:

- Supervising number of Construction Companies for implementing 72 residential Buildings
- Supervising infrastructure projects (electricity, Sewage, Roads, landlines and landscaping)
- Creating project development schedules and delegating tasks
- Designing, implementing and managing designated projects
- Controlling and supervising employees, machines, materials in the site
- Compiling regular progress reports for management board

#### **Professional Memberships**

- Certificate of a Consultant Engineer (office building design), Egyptian Engineers Syndicate -Egypt **2001**
- Member in Egyptian code for ventilation committee, Egypt **2006**

#### **Conferences & Events Participate**

- Egyptian Engineers Association in KSA- Seventh Annual Conference –Riyadh, KSA- A Presentation named: “Environmental Adaptation for Urban Fabric in Coastal Cities- Jazan” **May 2015**
- Egyptian Engineers Association in KSA- Eighth Annual Conference –Riyadh, KSA- Scientific Board Vice president **May 2016**
- Egyptian Engineers Association in KSA- Presentation named: “Leadership in Energy and Environmental Design -LEED- Credentials”- Abha, KSA **Mar 2017**
- 35th Edition - Zak World of Façades Middle East, 24th Oct 2017, Hyatt Regency Olaya, Riyadh- A Presentation named: “Rammed Earth Wall Envelope -The Adaptability and Flexibility as part of Modern Mud Architecture” **Oct 2017**
- Big5- Jeddah, 10:13 Mar 2019- A Presentation named: “Environmental Education (EE) and Sustainable Development Goals (SDG) Achieving Vision 2030” **Mar2019**

#### **Training Courses**

- “TOT” Training of Trainer Course
- Strategic Planning Course
- Human Resource Development
- Principles of LEED Accredited Professional, United States Green Building Council

## Community Service

- Environmental Awareness in Egypt (Member in Natural Ventilation Code- Building Researches center- Cairo- Egypt) **2006-2007**
- Teaching Environmental Studies to Nursery & Primary Schools in London-UK **2009-2010**
- Project Management Awareness (Society Service Community- Cairo University) **2012-2014**
- Environmental Awareness in KSA (Social activities) **2014- 2021**
- Maintenance Awareness for Oman community (Wahet ALMaarefa human resource- Mascat, Oman) **2013**
- Heritage Building Awareness in KSA (Member in Saudi Council of Engineers - Heritage Building Branch- Riyadh) **2015- 2017**
- LEED and green building Awareness for Saudi community (Architecture Consultant and Design Firms- Riyadh, KSA) **2017**
- Environmental Architecture in KSA (Member in Egyptian Engineering Association, – Architecture Branch- Riyadh, KSA) **2014- up to date**