

DR. MOHAMED M. YOUSSEF ACADEMIC AND PROFESSIONAL C.V.



*Assistant Professor, Town
Planning Department,
Faculty of Urban and
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University, Cairo, Egypt*

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INTRODUCTION

Dr. Mohamed Youssef has been graduated from the Department of Town Planning, Faculty of Urban and Regional Planning, Cairo University in 1992, started teaching urban planning in existed and new towns and Rural areas in Egypt since 1994. In 1998, a Master of sciences has been obtained from the International Institute for Aerospace Survey and Earth Sciences (ITC), the Netherlands. The degree specialized in utilizing Geographic Information systems (GIS) in Urban Community Planning and Evaluation.

after 1998 involved in various projects concerning town and country planning in various spatial levels, with government organizations such as the General Organization for Physical Planning (GOPP), Urban Research Centre in Cairo University and Research Centre for Housing and Building Materials.

In May 2007 a PhD, degree has been obtained from the University of Liverpool, United Kingdom in Future Scenario- Building of Sustainable urban development in

Metropolitan areas with application on preparing future scenario building technique for the Greater Cairo urban growth that included the present and future roles of urban development stakeholders.

Since 2007 Dr. Youssef is teaching Urban and Country Planning, Detailed Planning, Action Areas Planning, Land use Planning and Process of urban planning and research methodologies in the Town planning Department, faculty of regional and urban planning Cairo University, Currently on leave vacation from Cairo university and work as Head of Architecture department in Misr Institute for Engineering and Technology MIT in Mansoura City, Egypt

PERSONAL DATA

NATIONALITY: Egyptian

GENDER: Male

DATE OF BIRTH: 3rd of April, 1970

MARITAL STATUS: Married with 3 dependents

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MEMBERSHIPS

**-Member of the Egyptian Engineering Syndicate since 1992,
Architecture Branch**

**-Registered as Strategic Urban Planner, Land use Planner
and GIS Expert in the Egyptian General Organization of
Physical Planning (GOPP), Egyptian Ministry of Housing in
2010**

LANGUAGES

Native language / Arabic.

Second language / Fluent in English speaking and writing.

ACADEMIC QUALIFICATIONS

The University of Liverpool, United Kingdom, Civic Design Department

Faculty of Social and Environmental Sciences.

: Doctor in Philosophy (PhD) in town planning and sustainable urban development with thesis entitled “Promoting Sustainable Urban Development under conditions of Rapid Metropolitan Urban Growth: The Case of Greater Cairo” University of Liverpool, Civic Design Department, May 2007.

University of Essex, United Kingdom: Short course of Statistical analysis and spatial statistical interpretations.

University of the Middle East, Sustainable Development Strategies Institute: UME Summer Institute and Workshop on sustainable development Strategies of the Middle East and North Africa Region, 1st July 2000 to 4th August 2000.

International Institute for Aerospace Survey and Earth Science (ITC), the Netherlands: Master of Science (M.Sc.) in Geographic Information Systems (GIS) in Urban Planning and Management, May 1998 with a thesis entitled GIS Application to Evaluate Urban Development, A Case Study of Hai El Salaam Upgrading Project. Ismailia City, Egypt.

Faculty of Urban and Regional Planning, Cairo University: B.Sc. in Regional and Urban Planning entitled the Urban Design of Al Qusair City Extension Based and Derived from The Urban and Architectural Heritage of the Old City Fabric, 1992. Project appreciation Distinction and general appreciation; very good with honor degree

ACADEMIC PUBLICATIONS

1. **RETBE'12 Role of Engineering Towards Better Environment, 9th International Conference, December 22-24 2012, Alexandria University, Faculty of Engineering, Architectural Department. Published and oral presentation of paper entitled; Promoting Sustainable Urban Development and Transit Oriented Development TOD towards creating New Egyptian Urban DNA**
2. **8th International Engineering Conference, Mansoura University, Faculty of Engineering, Egypt. Published and oral presentation of paper entitled; A Critical Analysis of Egyptian Delta Cities' Visual Urban Form through Urban Legislations.**

3. **8th International Engineering Conference, Mansoura University, Faculty of Engineering, Egypt.** Published and oral presentation of paper entitled; **Social and Physical Future Scenario-Building Approach to create New Egyptian Sustainable Urban Communities.**

4. **8th International Engineering Conference, Mansoura University, Faculty of Engineering, Egypt.** Published and oral presentation of paper entitled; **Transit Oriented Development (TOD) as a Smart Growth Approach for Future Urbanism in Egypt.**

5. **8th International Engineering Conference, Mansoura University, Faculty of Engineering, Egypt.** Published and oral presentation of paper entitled; **The Impact of Architectural Education on Sustainable Environmental Design**

ACADEMIC EXPERIENCES

Current Position

Head of Architectural Engineering Department, MISR Institute for Engineering and Technology (MET) since 2014

MET Misr Academy for Engineering and Technology (MET), Architectural Department: Assistant Professor of Architectural Design since 2013

Previous Positions

Faculty of Urban and Regional Planning, Cairo University:
Assistant Professor in the Town Planning Dept. since May 2007, Faculty of Urban and Regional Planning, Cairo University

Department of Geography, Town Planning Program Qatar University, Qatar: Visiting Professor in the Town planning Program, fall Semester, from October 2008 till February 2009.

Civic Design Dept., University of Liverpool, United Kingdom
GIS Lecturer: The use of Geographical Information systems GIS applications in sustainable urban development from September 2002 to April 2004 (Part Time).

Faculty of Urban and Regional Planning, Cairo University:
Assistant lecturer in the Town Planning Dept. from May 1998 to 2002.

Faculty of Urban and Regional Planning, Cairo University:
Demonstrator at the Town Planning Dept. from October 1992 - May 1998.

ACADEMIC SPECIALISATION

-Architecture Design and Theories

- Sustainable urban design and planning, Detailed urban planning, Architectural Design and Geographic Information Systems (GIS) Consultant.

- **Future scenario building and strategies of sustainable urban development**

- **Software and hardware Experience:** GIS software packages (ESRI ARCGIS 9.2) statistical analysis SPSS and Spatial statistical analysis, windows based software.

LIST OF TEACHING COURSES

I have been teaching these courses in Cairo University, faculty of urban and regional planning, department of urban planning since 1992 till now and they are as follow;

1. Postgraduates Courses, Cairo University, Department of Urban Planning 2007 till now

1. Social Research Methodologies, this course deals with fundamentals of social research and how social researchers conduct their ingoing research. The course themes are including problems definition, goals and objectives formulation, various social methodological approach and how to identify the proper methodology for research, pre and post literature review, data gathering and processing and data interpretations. This course is being taught since 2007

2. Urban Economics, this course discusses the major urban economics issues related to housing development, land use issues, economic activities development and assessments and evaluation techniques...etc. this course is being taught since 2007

3. urban planning theories, this course deals with the philosophy of urban planning, the evolution of urban theories, planning types and approaches and the ethical values of urban planner in the public work domain. This course is being taught since 2007

Undergraduate courses

MET Misr Academy of Engineering and Technology 2013 till now

1. **Architectural Design:** is a course tailored for architect to utilize urban design elements in mega architectural project that combines site analysis, site planning, urban design concepts and architectural design.
2. **Urban design of historical areas:** is a course dealing with architectural conservation of historical areas and application of urban design elements in enhancing the visual and physical components of the project.
3. **Urban planning of new cities:** is a course dealing with creating new communities and application of urban planning methodology of the process.
4. **Detailed urban planning:** is a course imply land subdivision and the tools needed to implement urban planning project according to urban and architectural codes and regulations.
5. **Housing projects planning and design:** this course teaches students how prepare housing projects from dealing with housing needs and demands, design of housing units and ending with housing final master plan
6. **Urban planning of existing cities:** this course is concerned with preparation of strategic master plan of existing cities
7. **Urban design conception:** this course dealing with basic concepts of urban space and the evolution of urban space throughout different civilizations, it concerned with visual and physical components of urban space.

8. **Supervisor and coordinator of Design graduation project:** it concerns choosing graduation project topics and themes, the logical framework of bridging urban planning and architectural design of the project and the design process to complete graduation project.

Qatar University, department of Geography 2008-2009

1. Introduction to Urban planning this course deals with fundamentals of urban planning such as planning spatial levels, urban planning components, transportation, housing and services planning and the various planning methodologies. This course is being taught for the fall semester 2008 in Qatar University, department of Geography as a visiting professor.

2. Feasibility studies for urban projects, this course dealt with basics and fundamentals of evaluation and assessments, feasibility studies components and applications of feasibility studies in urban projects. This course is being taught for the fall semester 2008 in Qatar University, department of Geography as a visiting professor.

3. Urban design, this course discusses the elements of urban design, visual and physical approaches to urban design, methodology and components of urban design project and application of urban design elements in a case study. This course is being taught for the fall semester 2008 in Qatar University, department of Geography as a visiting professor.

Cairo University, department of urban planning courses 2007 till now

1. Graduation Project: it deals with the preparations of urban planning department students their graduation project for a total period of 5 month starting of formulation the project ideas, defining problems to the stage of preparation of alternatives and master plan, yearly quota is 10 graduation students and conducted since 2007

2. Town and Country Planning Methodologies and Techniques, mainly concerns with existing town planning master plan preparation

including data gathering, data analysis and preparation of alternatives towards master plan. In addition, the preparation of new towns master plan is another course concerns with new communities planning approaches, since 1992 till now.

3. Detailed urban planning and Land Subdivision: this course concerns with preparation of detailed housing site planning including working details of land subdivision, since 1992

4. Urban systems: this course deals with various components of urban systems, it deals with analytical approach to urban subsystems; environmental, social and economic. It focuses on the synthesis of these sub systems and how it developed and represented in physical urban components, since 2007

5. Urban design theories and practice: this course concern with urban design fundamentals and it applications through various scales projects and settings, since 1992

6. Feasibility studies for urban projects: this course concern with reparation of technical studies of feasibility and methods of evaluation that concerns social and environmental auditing of urban projects, since 2007

7. Geographic Information System application in Town Planning: this course concerns with the utilization of GIS application in Master Planning Preparation including Data entry, Manipulation and analysis and visualization, since 1998

8. Social Research Methodologies Graduation Project: this course concerns with teaching undergraduates how to conduct research methodologies with application on the graduation project, since 1998.

8. Sustainable communities planning: this course concerns with new approaches in town planning including issues about sustainable development, sustainable communities, smart growth, sustainable cities and how to manage sustainability in large metropolitan areas, since 2007

URBAN DESIGN AND ARCHITECTURE PRACTICE

Ministry of strategic urban Planning, Qatar, technical English report auditing for strategic sustainable plan for Qatar

Zohair Fayed consultant, Kingdom of Saudi Arabia. Urban Design consultant of Abha University Academic Staff Housing from 2013 till now.

Urban Research and Consulting Centre, Faculty of Urban and Regional Planning, Cairo University:

Master planning of mixed use proposal, detailed urban planning and urban design of Ter'et Elismailia Industrial District, Cairo City, from May 2010 till now.

EgyGroup, Prof. Mahmoud Yousry: Strategic Planning of Nazlet Elsaman: master planning and relocation and Tourist Development of the area adjacent to Pyramids plateau, conceptual planning, vision, future scenarios and Investments plan.

Urban Research and Consulting Centre, Faculty of Urban and Regional Planning, Cairo University:

Strategic Planning of Kafr Shokr City, Greater Cairo Region, In Charge of Social services planning

Space Consultants, Prof. Medhat Dorra Town Planning Department:

Director of Town Planning Department:

In charge of Conducting New Cairo Strategic Master plan and New Damietta Strategic Master plan Project proposals for The Ministry of Housing, Utilities and New Communities (MHUNC) The General Organization for Physical Planning (GOPP), From September, 2007 till August 2009.

: master planning and urban design of New Cairo Visual Image Technical proposal.

: Preparation of New Cairo Social and economic Services detailed planning proposal.

: Preparation of New Cairo Traffic and Transportation planning proposal.

: master planning and detailed planning for Dahab city, South Sinai, June 1995.

: master planning and detailed planning of industrial housing in the 5th settlement, New Cairo city, January 1995.

: Preparation of a comprehensive development strategy for Sinai Peninsula integrated development for the General Organization for Physical Planning (G.O.P.P), February, 1994.

: Urban development, master planning and design of Riviera coast competition Taba/ Sinai first prize, April 1994.

: Technical proposal for the comprehensive tourist development plan for Dahab Sector- Gulf of Aqaba, first prize, June 1993.

Civic Design Dept., University of Liverpool, United Kingdom GIS Computer Technical Manager:

Responsible for ESRI ArcGIS software and hardware technical for computer operating system (WINDOWS XP), From October 2002 to April 2004 (Part Time).

Urban Research and Consulting Centre, Faculty of Urban and Regional Planning, Cairo University.

Senior Urban Planner, GIS Data Management and Urban Surveyor

: Rural Planning Greenbelt master plan framework of Egyptian Villages, Geographic Information Systems (GIS) data management and analysis. January 2002 September 2002.

CONCEPT Consultant, Dr. Hassan Elzamy

**GIS Consultant, Urban Planner and Urban Designer:
Comprehensive Planning of Failaka Island, Technical planning
(GIS) data management and analysis and Urban Design, September
2001 till May 2002.**

**The Egyptian General Organization for Physical Planning GOPP, GIS
Consultant: Preservation of historical buildings of Cairo city project
(Down Town Sector). In charge of Geographic Information systems
(GIS) data input, analysis, interpretation and visualization, from
August 2000 to June 2001.**