

C.V.

Doctor Engineer/ Nashwa Wael Shalaby

Personal Data

Date of Birth: January 1st, 1977
Place of Birth: Cairo, Egypt
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Objective:

A challenging position as a Lecturer in a dynamic atmosphere, preferably related to Urban Design, Planning or Landscape Architecture.

Specialization: Participatory Planning (subject of the PHD Thesis)

Education:

2005-2011:

Professor Doctor of Philosophy - Urban Planning and Design

Ain Shams University. Faculty of Engineering-Urban Design and Planning
Department

Title: Integrated Adaptive Model for the Participatory Planning Process

Abstract:

From a review of the current participatory Planning practices in the development context, there is widening gap rhetoric, ambitions, starting principles and actual achievements on the ground. Motivated to change the lengthy and often ineffective planning process, which has the tendency to reduce the breadth of participation to a few select stakeholders (instead of the broader public), the thesis builds a conceptual model for the Participatory Planning Process based on a biologic-based bottom-up approach. The main objective of the model is to increase number of local participants in the process, shorten time of participation for each of them, while enhancing their capabilities to control and guide the process with minimal interference from professionals and donors. Advantages of this model are that it enhances an adaptive, dynamic and regenerative Participatory Planning. At the same time it enhances community self-organization, and depends on a built in self-learning mechanism in addition to a social community network.

The research drew the model requirements from complexity science and cybernetics to solve the complex nature of Participatory Planning and from the analyses of two Egyptian case studies recently completed, "Mansheit Nasser" and "Beltan village". Model specification used the "Multi Agent Modeling" type to define all the agents involved in the participatory planning process, their functions, inter-relations and collaborations as well as defining all the deployable components of the model. The Unified Modeling Language was used as the model's developmental tool.

2001-2004:

Master Degree in Urban Planning and Design

Ain Shams University. Faculty of Engineering-Urban Design and Planning
Department

Title: Sustainable Urban Landscapes in Neighbourhoods

Abstract:

The research helps define, reach and maintain the sustainability of urban neighbourhoods with their various environments (natural, social, economic... etc). Moreover, it identifies a new track to seek the sustainability of higher urban complexities (districts, cities, regions) through an extension of a series of urban biological analogies.

Opposite to the top-down solutions that are used in dealing with complex problems, this research sees the way to solving urban complexities from bottom-up. It works on of the level of neighborhoods as the planning unit of many large scale urban settlements, being a district, a city or a region.

The research tested the applicability of the proposed approach on two Egyptian neighborhoods in Cairo; "Heliopolis" and "Nasr City". The research concluded by analyzing the health state of both of them in comparative analysis form. It finally presented recommendations to help increase the sustainability of the diseased areas.

1995-2000

Bachelor Degree in Urban Planning and Design

Ain Shams University. Faculty of Engineering-Urban Design and Planning Department.

Average Grade: Very Good

Rank: Third

Project: Cultural and Business Center at Ramses Square (at the Premises of the contemporary train station)

Project Grade: Excellent

Project Rank: First.

1981-1995

Ramses College for Girls (EX. American College)

Certificate: Thanaweya Ama

Major: Science with additional studies in English language

Grade: 95%

Work Experience:

2001-2005

Research Assistant. Ain Shams University. Faculty of Engineering-Urban Design and Planning Department.

Participated in teaching the following courses:

Urban Design Course: 2001, 2002, 2003,2004, 2005

Landscape Course: 2001, 2002, 2003.

City planning course: 2001, 2002

2005

Lecturer Assistant/(Trainee). Housing and Building National Research Center.

-Participated in the preparation of the "Report on the Development of rural villages with Participatory Planning", case study "Beltan village, Qualiobia governorate", Housing and Building National Research Center, 2005.

-Evaluated case and studies using cause and effect and comparative analysis

-Demonstrated excellent research and analytical skills in various research projects.

Research and Analysis through the post graduate studies of the Masters:

-"Development of New Settlements in the Conurbation of Cairo" case study "El Sheikh Zaied", 2001

- "Sustainable Communities", case study "Heliopolis and Nasr City". 2001
- "Environmental Urban Development in New Settlements", case study "El Rehab City". 2001

Research and Analysis through the post graduate studies of the PhD:

- "Sustainable Tourism Development" case study "Matruh", 2005
 - "Participatory Planning", Theoretical research, 2005
 - "Urban Sprawl" Theoretical research, 2005
 - "Information Technology and Urban Design", Theoretical research, 2005
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Communication:

- Extensive experience giving presentations to large and small groups of people
- Extensive experience in dealing with people from different backgrounds
- Mediated discussions to resolve conflicts between opposing parties.

Planning and Organization

- Designed, with partners, a workshop topic trainings for 3rd year students 2001, 2002
- Invented assignments to teach and monitor progress in acquiring various skills
- Created impressive power point presentations

Language and Computer skills:

- Languages:
Arabic: Mother Tongue
English: Excellent command
 - Toef (Centre for Developing English Language Teaching- Ain Shams University) 2003 - Score: 640
 - Computer Skills: Auto Cad, Microsoft Excel, Word, Power Point and Adobe-Photoshop.
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Publications:

- "A Biologic Approach to the Understanding of Sustainable Development", paper published in the international Conference on "Future Horizons for Human Settlements" (HABITAT), Homs, Syria, organized jointly by Faculty of Architecture, Wroclaw University of Technology, Portland, and "College of Architecture. Al-Baath University, Homs, Syria.(2004)

- "Integrated Adaptive Model for Participatory Planning Process", no. 20, Volume VI. Journal of the Engineering Sector, El-Azhar University, Faculty of Engineering. (July 2011)