

VITA

Bakr Mourad Aly Ahmed

EDUCATION

PhD in Environmental Design & Planning, School of Architecture and Urban Studies, Virginia Tech, 2001
Master of Science in Architecture, College of Engineering, Minia University, Egypt, 1990
Bachelor of Science in Architecture & Building Technology (with honors), Minia University, Egypt, 1984

ACADEMIC TEACHING EXPERIENCE

4/95 to 12/2001, Graduate Teaching & Research Assistant, School of Architecture and Urban Studies, VA Tech.
Responsibilities: Guided students through academic assignments, worked one-on-one with students in the design studio, and assisted in teaching the following undergraduate courses with Dr. Patrick Miller: Basic Landscape Architecture Design Studio, Vertical Studio Design, Theory and Decision Making, and Landscape Architecture Technology: Grading and Hydrology

Fall 1997, Guest Lecturer, Perspective Drawing Studio Class, Landscape Architecture, VA Tech

4/90 to 4/95, Assistant Lecturer, Department of Architecture, Building Technology Program, Minia University.
Responsibilities: Taught the following undergraduate courses: Design Fundamentals 1st year (Lecture and 3 Lab Sections), Architectural Design Studio 2nd year, Architectural Design Studio 4th year, Architectural Design Studio Senior Project, Building Construction and Systems, Building Materials and Structure, Contractors and Specifications, Prefabricated Constructions, and Practical Training

Fall 1994, Teacher, Community Public Services Center, Minia, Egypt
Responsibilities: Taught AutoCAD Course

11/84 to 4/90, Demonstrator, Department of Architecture Engineering, Minia University
Responsibilities: Assisted in teaching the following undergraduate courses: Architecture Drawing (Freshman and Sophomore Level), Construction Drawing Details, Architecture Engineering, Senior Architecture Engineering Project, Engineering Statistics, Architecture Theory & History (Senior Level), and Operation Research (Senior Level)

PROFESSIONAL EXPERIENCE

6/93 – 7/94, Bylander Misr Partnership (Consultant Group), Almaza, Cairo, Egypt.
Designed and prepared working drawing for projects using AutoCAD interface, including:

- Hilton Hotel and shopping mall, Dobie, UAE
- 100-bed Health Center, Hillioplies, Cairo

5/90 - 6/93, Mokhtar Associated Design (Consultant Design Office), Nasr City, Cairo, Egypt
Participated in the design, drafting, and planning of major tourism development projects, including:

- El-Shallallate Tourist Village, Sharm El-Shiekh, South Sinai. The project included designing and planning the health club & indoor sports building, discotheque, restaurant & kitchen, beach & marine sports facilities, services building, and reception building.
- Private villa for Mr. El-Metiene, Faied, El-Esmaelia
- Group of chalets with a swimming pool for Nono family, Faied, El-Esmaelia
- Private resort zone for the Mohab Sosa, Orabee reclamation area, Egypt
- Staff housing, Sonesta Beach Resort design including five distinct buildings for seniors, administrative men, administrative women, single staff, and married staff
- 1000-square-meter villa built in Sharm El-Shiekh, Nema Bay, Sinai
- Falcon El-Dar, a four-star Tourist Village, Sharm El-Shiekh, South Sinai. This project included 42 single and double rooms and 3 suites, indoor restaurant & discotheque, and outdoor shopping and café.

5/90 – 6/91 Adel Seliem (Construction Contractor), Heliopolis, Cairo, Egypt

Provided construction site management and control for remote site private projects, including:

- El-Maghrabie resort area, El-Mansoria, Alhram
- El-Gezera Complex, interior finishing and decorating work
- Resort villa for Adel Tamoooh, El-Mansoria, Alhram

6/88- 5/90, Yehia Said (Structure and Civil Engineering Office), Giza, Egypt

Assisted in the structural design and consultant committee for a number of housing projects, including:

- Polyplastic factory, including the design of administration building

While participating with other partners:

- Aly El-Hossieny: 3 acre multi-use social, cultural, and recreational building, El-Azhar, Cairo, Egypt
- Minia University Consultant Office: the initial design of Minia University's main library

4/86 – 6/88 Consultant Office for Planning & Architecture (COPA), Mohandseen, Cairo, Egypt

Prepared working drawing for projects, including:

- Elementary school designs for the government of Kuwait;
- 10th of Ramadan city housing, Egypt;
- 15th of May spacious city housing

1986 Architectural Competition, Omm El-Qora University Project

As a member of a 20-member team of architects and planners (COPA & Dr. Ezat's office), I assisted in the design and planning of a shopping center and the university's main library, Omm El-Qora University, Saudia Arabia. The two projects were directed by Professor Al Remiely, the Urban Planning Department head at Azhar University.

5/84 – 4/84, Senior Project, Minia University

I designed and planned a shopping center. In addition, I participated in a design workshop to develop a new proposal for the university's main library project. I assisted in the development of the initial sets of drafts for the project concept and upgrading drafts to the final stage of design along with Architects Dr. Sami Ali Kamel, Head of Architecture Department, and Dr. Mohanad El-Agamie and Dr. Khaled Seliem, Professors of Design.

Summers 1981-84, Summer School Training Program, Minia University.

I worked on the following projects: reinforced concrete and brick housing tower, Minia; Village Bank, Demshawe, Egypt; Hellwan Factory, Hellwan, Egypt; Renovation of Mohamed Aly Citadel, Cairo, Egypt

PRESENTATIONS

Aly Ahmed, Bakr M. (1999). Sustainable Design Modeling for Coastal Tourism Developments. Presented at the 41st Annual Conference of the Association of Collegiate Schools of Planning, "Rebuilding Nature's Metropolis Growth and Sustainability in the 21st Century", University of Illinois at Chicago (October 22-24, 1999).

Aly Ahmed, Bakr M. (1996). Eco-tourism as a Model for Sustainable Development. Presented at the 39th Annual Association of Collegiate Schools of Planning Conference, University of Maryland (March 23-26, 1996).

PUBLICATIONS AND REPORTS

Aly Ahmed, B. M. (1999). Sustainable Design Modeling for Beach Resorts: Conceptions, Principles, and Determinations for Sustainable Coastal Tourism Development (Principles for Design and Planning). Report submitted to the American Research Center in Egypt (ARCE) for a Ford Foundation Grant.

Aly Ahmed, B. M. (1998). Eco-tourism, An Active Sustainability Model for Communities' Economic Development and Conservation. Proceedings Paper for the Association of Collegiate Schools of Planning 40th Annual Conference, Pasadena, CA (November 5-8, 1998).

Aly Ahmed, B. M. (1990). Prefabrication of Building Techniques as an Approach for Solving the Housing Problem in Egypt. Master Thesis, Architecture Department, Minia University, Egypt.