

PERSONAL INFORMATION



Shimaa M. Ahmed

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Sex Female | Date of birth 28/03/1983 | Nationality Egyptian

CURRENT POSITIONS

- Head of Architectural Engineering Department, Faculty of Engineering, Horus University, New Damietta, Egypt.
- Associate Professor at Arch & Planning Dept., Faculty of Engineering, Suez Canal University, Ismailia, Egypt.
- General Coordinator for the Specialized Program at Faculty of Engineering, Suez Canal University, Ismailia, Egypt.
- Engineering Consultant, “*School Classification System*”, Ministry of Education & Technical Education.
- Visiting Lecturer at Department of Architectural Engineering & Environmental Design., Faculty of Engineering & Technology, Arab Academy for Sciences, Technology, and Maritime “AAST”, Port Said, Egypt.
- Visiting Lecturer at Architecture & Urban Design Program, School of Engineering & Applied Sciences, Nile University, 6 of October, Giza, Egypt
- Member in “Egyptian Female Engineers” Engineering Syndicate.

WORK EXPERIENCE

1. Teaching Experience

Under Graduate Level:

- History & Theories of Architecture Courses
- Urban Dimension Courses
- Design Studios
- Visual Training

Post Graduate Level:

- Urban Design Theories
- Smart Cities
- Research Methodology

19 September 2020 till Now

Associate Professor at Arch & Planning Dept.,

Faculty of Engineering, Suez Canal University, kilo 4.5 ring road, Ismailia, Egypt.
 Business or sector Research & Teaching

15 October 2017 till 15 April 2021

SCU Coordinator for Erasmus+ project funded by the European Union. ***Integrative Multidisciplinary People-Centered Architectural Qualification & Training “IMPAQT”*** <http://www.impaqt.edu.eg>

1 January to July 2016

A Post Doctoral Fellow at Urban and Special Planning Lap;

Architecture School, Granada University, Spain.

Business or sector Research & Teaching

From May 2015 to December 2015

Assistant Professor at Arch & Planning Dept.,

Faculty of Engineering, Suez Canal University, kilo 4.5 ring road, Ismailia, Egypt.

Business or sector Research & Teaching

- From November 2014 to April 2015 **A Visiting Scholar at (NCSG) National Centre for Smart Growth**, Maryland University, College Park, USA.
Business or sector Research & Training
Scientific Publications
 1. "Development Body and Urban Regeneration Projects" London Vs. Beirut.
 2. "Urban Regeneration: The Absent Value in Egypt"
Conferences
 1. "Towards a Methodological Framework to Develop New Sustainable Cities: Studying the International Experience".
- From June 2014 to October 2014 **Assistant Professor at Arch & Planning Dept.**, Faculty of Engineering, Suez Canal University, kilo 4.5 ring road, Ismailia, Egypt.
Business or sector Research & Teaching
- From February 2009 to June 2014 **Assistant Lecturer at Arch & Planning Dept.**, Faculty of Engineering, Suez Canal University, kilo 4.5 ring road, Ismailia, Egypt.
 -Teaching the courses of Architectural Design, projects of: international school, electronic city, Al-Ahly Bank, Engineering faculty, Mixed-use building, environmental services center, 5*star hotel, airport.
 -Teaching the courses of Working Details and Building Construction.
 -Teaching the Course of Quantities and Specifications.
 -Teaching at Urban Planning Branch, the courses of Urban Planning & Housing Projects, Landscape.
 -Teaching and organizing the Graduation Projects of:
 Class 2014: Technological University at Technology Valley in Ismailia. Class 2013: Logistic City Centre. Class 2012: Egyptian Parliament. Class 2011: Sports City.
 Class 2010: Folk Arts of Media.
 Class 2009: Medical City.
Business or sector Teaching
- From February 2011 to June 2011 **Assistant Lecturer at Credit Hour Systems, Architecture and Engineering Technology AET Program.** Faculty of Engineering, Cairo University, Giza, Egypt.
Business or sector Teaching.
- From February 2006 to February 2009 **Demonstrator at Arch. & Urban Planning Dept.** Faculty of Engineering, Suez Canal University, kilo 4.5, ring road, Ismailia, Egypt.
 -Teaching the courses of Architectural Design, projects of: Residential & Commercial Building, Primary school, International School, and General Hospital.
 -Teaching the courses of Working Details, Building Construction.
 -Teaching at Urban Planning Branch, the courses of Urban Planning & Housing Projects, Landscape, and Urban Environmental Planning.
 -Teaching and organizing the Graduation Projects of:
 Class 2008: Smart Village Ismailia.
 Class 2007: Complex of Ministries.
 Class 2006: Museum at Saint Katrina.
Business or sector Teaching.

WORK EXPERIENCE

2. Practical Experience

A member of the responsible committee on Ismailia Forest Development
 Expert and professional Member in Project of Egypt without Slums "Eshash",
 Ismailia Governorate
 State Ministry for Urban Development and Slums
Business or sector Urban Planning & Redevelopment

From September 2018 – to June 2018

Head of the Team of project “Port Said as Smart Sustainable City: A New Vision for Urban Development of Port Said” Arab Academy for Science & Technology & Maritime “AAST”, Port Said Branch.

From 2008 to 2010

Expert and Professional Member in Housing Projects.
The General Organization of Physical Planning – Ministry of Housing, Infrastructure, and Urban Development.

Expert and a professional member in housing project at:

- 1) Project of Development & Re-planning Abu Swair- Ismailia.
- 2) Upgrading the slums and informal areas in Ismailia villages.

Business or sector Urban Planning & Redevelopment

Re-representative of Dar Mazen AlSane Engineering & consultant.

From 1/ 2008 – to 12/ 2008

Dar Mazen Al-Sane Engineering & Consultant – Kuwait.
Representative of Dar Mazen Al-Sane with The Arab Bureau for Design and Technical Consultation, project of : Design Law Court Complex.

Business or sector Designing & Consulting

From May 2006 to June 2008

FreeLancer Designer & Model Maker

Egyptian Company for Investment and Touristic Development., Al Haram, Giza , Egypt.
Designer and Model Maker for the following Projects:

- Kenz Alam Center.
- Kenz Holidays.
- Marsa Plaza.
- China Alam Center.
- Tourism Housing Projects In Marsa Alam and Sharm El Sheikh and a lot of other models.

Business or sector Investment and Touristic Development.

EDUCATION AND TRAINING

From January 2016 to July 2016

Post Doctor Studies and Research

Urban and Spatial Planning Laboratory, Architecture School, University of Granada.

Presenting Lectures about:

1. Greater Cairo Region: Goals and Challenges.
2. The Egyptian New Cities Program: Towards More Livable and Compact Cities.

Research Activities:

1. Place Making and Sustainable Open Spaces.

From November 2014 to May 2015

Research and Training

National Smart for Urban Growth, Architecture School, University of Maryland, MD, USA

Research Activates:

1. Urban Regeneration.
2. New- Urbanism.
3. Urban Community Development.

From June 2010 to May 2014

**Doctor of Philosophy in Architectural Engineering – Urban Planning
Ph.D. Thesis:**

**A Methodology to Gide the Spatial Change of Land Use Value
“Using the Simulation model”**

Urban Planning Program, Arch Dep., Faculty of Engineering, Cairo University.

In my Ph.D. thesis, I proposed a developed methodology called value model which may achieve the required balance that is resulting from the interactions between land value, land uses and other Variables through building a model that translate these interactions.

- From October 2009 to May 2010 **Ph.D. of Science Courses In Urban Planning**
Final Degree: Distinction (A=over 90%) with (GPA = 4).
 Urban Planning Program, Arch Dep., Faculty of Engineering, Cairo University.
 -Urban Planning (1) with Grade (A)
 -Urban Planning (2) with Grade (A)
 -Research in Site Planning & Landscape (1) with Grade (A)
 -Research in Urban Planning Theory (1) with Grade (A)
 -Regional Planning (1) with Grade (A)
- From August 2006 to December 2008 **MASTER OF SCIENCE In: Architectural Engineering-Urban Planning. Thesis Title:**
Controlling the Land Use Structure of Land With High Urban Value "The Case Study of the Greater Cairo Region"
 Urban Planning Program, Arch Dep., Faculty of Engineering, Cairo University.
 In my Master thesis, I described and analyzed the land use structure of land with high urban value. I reviewed several cases related to this subject in Egypt and other Countries in the world. I proposed a methodological frame work for analyzing and suggesting the land use structure of land with high urban value. Finally I applied my findings on a case study of The Greater Cairo Region.
- From October 2005 to May 2006 **Master of Science Courses In Urban Planning.**
Final Degree: Distinction (92.7%) for (2005-2006).
 Urban Planning Program, Arch Dep., Faculty of Engineering, Cairo University.
- From October 1999 to May 2004 **B.SC Of Arch & Environmental Planning.**
General Evaluation: Very Good.
Final Year Degree: Distinction (84.7%).
 Faculty Of Engineering, Suez Canal University.

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	6.0	7.0	6.5	6.5	7.0
IELTS English Exam					
French	A2	A2	A2	A2	A2
Spanish	A1	A1	A1	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 COMMON EUROPEAN FRAMEWORK OF REFERENCE FOR LANGUAGES

Communication skills -Excellent communication and contact skills with colleges gained through my experience as a tutor and then as an assistant lecturer for 8 years.
 -Experience at giving presentations to large audiences.

Organisational / managerial skills -Good organisational skills gained as an assistant lecturer, responsible for team of demonstrators in graduation projects courses and organize promoting the event of graduation project Seminar and party.
 -Interactive and fast enough to learn new technologies and techniques.
 -Self-motivated, Hard worker and having leadership skills.
 -Ability to work in a group or individually.
 -Working under time constraint and heavy work demands and pressure.
 -Advanced research capabilities.

- Job-related skills** -Mentoring skills as a senior architect and assistant lecturer, i was responsible for the training of new demonstrators' staff.
-Good command with youth and teenagers.
- Computer skills** Excellent operator for Computer programs Including dealing with "internet, web sites, and network".
-Good command of Microsoft Office™ tools.
-Good command of Auto Cad tools.
-Good command of Photoshop tools.
- Other skills** -Making 3d models using alternative materials starting from papers, wood, Acrylic.
-Painting with water, Gwash, airbrush colours.
-Visiting historical places: organize trips for young architects to visit historical places.

ADDITIONAL INFORMATION

Publications

1. **"Controlling the Management of Land Use Structure with Urban Value: The Case Study of the Greater Cairo Region"**, Helwan University Journal, 2009.
2. **"Economic Theory and Land Value in Value Model"**, Published in the NAUN Journal, International Journal of Economics and Statistics, Volume 2, (91-98), 2014. Available on: <http://www.naun.org/main/NAUN/economics/2014/a222015-140.pdf>
3. **"New approach for Assessing Urban Regeneration Performance in Egypt"**, Published in the NAUN Journal, International Journal for Energy and Environment, Volume 10, (142-153), May 2016. Available on: <http://www.naun.org/main/NAUN/energyenvironment/2016/a422011-170.pdf>
- 4) **"The concept of Local Smart Architecture: An Approach to Appropriate Local Sustainable Buildings"**, International Journal of Cultural Heritage, V2, p1-12, March 2017. Available on: [http://www.iasar.org/iasar/filedownloads/ijch/2017/017-0001\(2017\).pdf](http://www.iasar.org/iasar/filedownloads/ijch/2017/017-0001(2017).pdf)
- 5) **"The Role of Visualization Software in Architectural Education"**, Magalet al Emara w al Fenoun w al Elom al Insania2357- (Journal of Architecture, Arts and Humanistic Science), V.5, Nov2020Print ISSN:2356-9654, Online ISSN:2357-0342, <https://mjaf.journals.ekb.eg/>
- 6) **"Improved Urban Form to Achieve High Social Sustainability in a Residential Neighborhood Salam New City as a Case Study"**, Buildings, an open access journal by MDPI, Volume 12, November 2022.

Conferences

- 1) **"Towards a Methodology to Guide the Spatial Change of Land Use In Terms of Value: Using the Casual Loop Diagram"**, The International Conference on Architecture & Urban Design (ARUD'13) Morgan State University, Baltimore, MD, USA, September 17- 19, 2013. <http://www.wseas.us/e-library/conferences/2013/Baltimore/SCARC/SCARC-25.pdf>
- 2) **"The Impact of Urban Regeneration on Land Use in Land With High Urban Value: London VS Beirut"**, The 5th International Conference on Energy Systems, Environment, Entrepreneurship and Innovation (ICESEEI'16), Barcelona, Spain, 13-15 February 2016. <http://www.wseas.us/e-library/conferences/2016/barcelona/EAB/EAB-29.pdf>
- 3) **"Towards Liveable and Sustainable Egyptian New Cities: Learned Lessons from Columbia, Maryland"**, 11th International Conference on Urban Rehabilitation and Sustainability (URES '19) Athens, Greece, December 28-30, 2019.
- 4) **"An integrated Design Model for Sustainable Development in Waterfront Areas Port Said City as a Case Study: Urban Regeneration in Coastal Cities"**, 3rd ICAUD International Conference in Architecture and Urban Design Epoka University, Tirana, Albania, 24-26 October 2019 Paper No. 95, September 2019 <http://icaud.epoka.edu.al/2019/> https://cdn.fsbx.com/v/t59.2708-21/71150573_542912773197534_4388107849406873600_n.pdf/11.10-icaud-detailed-

program.docx.pdf?_nc_cat=110&_nc_rmd=160&_nc_ohc=5oat-dk-hn0AX_IWj-F&_nc_ht=cdn.fbsbx.com&oh=201b5ef014ae78138e66bd5c8836844a&oe=5E41C9ED&dl=1

5) **“The Role of Public Plaza in Improving the Urban Quality of Life : Analytical Study”** ICUUN 2020: 22th International Conference on Urbanization and Urban Networks to be held in Istanbul, Turkey during Feb 13- 14, 2020. <https://waset.org/urbanization-and-urban-networks-conference-in-february-2020-in-istanbul>

6) **“Green Housing Projects in Egypt: A Futuristic Approach”**, ICUHD 2020: 22th International Conference on Urban Housing Development to be held in Barcelona, Spain during Feb 10-11, 2020 ISSN:P:2010-376X. <https://waset.org/urban-housing-development-conference-in-february-2020-in-barcelona>

7) **“Towards A Sustainable Waterfront Development: Case Study of Port Said City”**, 13th International Conference on Urban Planning and Transportation (UPT '20 , London, UK, February 22- 23, 2020. <http://wseas.org/cms.action?id=21614>

8) **“The Impact of Place-making to Revitalize the Identity of Coastal City”**, 5th International Conference on Contemporary Architecture & Urbanism "ICCA+U", 13-15 May 2022.

9) **“The Reciprocal Relationship Between Urban Form and Social Sustainability Aspects”**, 7th International Conference of Urban Planning and Architecture Design for Sustainable Development (UPADSD), Hybrid conference in collaboration with University of Florence, Italy, on 13th to 14th September 2022.

Membership A member at the International Society for Development and Sustainability (ISDS). ID no. 1500821
A Member of Historical Port Said Association

Journal Reviewer Journal of Civil Engineering and Architecture Research
Up-Land: Journal of Urban Planning, landscape, and Environmental Design
Space and Flow

References **Prof. Mohamed Mohamed El.Bermilgy**
Professor of Urban Planning & Landscape and Former Head of Dept. of Architecture, Architectural Department, Faculty of Engineering, Cairo University. Email: dr.barmelgy@gmail.com Phone: 002 20122 210 9313

Prof. Essam Badran
Professor of Architecture & Urban Design, Department of Architecture and Urban Planning, Faculty of Engineering, Suez Canal University Email: Essambadran@gmail.com Phone: 01111168760

Prof. Mahmoud Fouad
Professor of Urban and Regional Planning, Department of Architecture and Urban Planning, Faculty of Engineering, Suez Canal University. Email: ma_fouad66@hotmail.com Phone: 00201221181492

Prof. Ahmed Shalaby
Professor of Urban Planning and Development, Department of Architecture, Cairo University. Visiting Assistant Professor, Department of City and Regional Planning, Cornell University. Email: ams254@cornell.edu / amshalaby@gmail.com Phone: 002 -0122 219 1022

Prof. Dina K. Shehayeb
Professor and Program Director, Architecture & Urban Design Program Technical Coordinator
- IMPAQT School of Engineering & Applied Sciences, Nile University, 26th July Corridor, Sheikh Zayed, Giza, Egypt www.nu.edu.eg www.impaqt.edu.eg Phone: 01227422886

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I could present any data under your request, Shimaa Ahmed