

CURRICULUM VITAE

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of Architecture and Urban Design
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QUALIFICATIONS

- **Ph.D. in Architectural Engineering, 2000.**
Faculty of Engineering, department of Architecture, Cairo University, Egypt.
Co-supervision (channel system) with University of California, Berkeley.
Dissertation: **“Integrated Desert Development towards Sustainable Settlements”**
- **Masters in Architecture, 1992.**
Faculty of Engineering, department of Architecture, Cairo University, Egypt.
Dissertation: **“The Bedouin Productive Settlements in Sinai Peninsula”**
- **Bachelor of Architecture, 1980.**
Faculty of Fine Arts, department of Architecture, Helwan University, Egypt.

EMPLOYMENT HISTORY.

- Assistant Professor of Architecture and Urban Design
Faculty of Engineering, department of Architecture and Urban Planning, Suez Canal University, Egypt. (2004 to date)
- Assistant Professor of Architecture and Urban Design – External Professor
Faculty of Engineering & Technology, department of Architecture and Environmental Design, Arab Academy for Science and Technology and Maritime Transport (2018 to date)
- Assistant Professor of Architecture and Urban Design
Interior Design department - King Abdul Aziz University, Saudi Arabia (2007 – 2013)
- Assistant Professor of Architecture and Urban Design
Faculty of Fine Arts, department of Architecture, Minia University, Egypt. (2000-2004)
- Visiting scholar, Co-supervision mission
Environmental Design Center, University of California, Berkeley. (1997- 2000)

- Assistant lecturer, department of Architecture
Faculty of Fine Arts, department of Architecture, Minia University, Egypt. (1995-1997)
- Assistant lecturer, department of Architecture & Housing
General Organization for Housing, Building and Urban Planning Researches (1986-1995)
- Architect , Private Design and consultant offices (1986 -1983)
- Architect, department of Architectural Design
The Engineering Authority of the Armed Forces - Ministry of Defense (1980 -1983)

ACADEMIC EXPERIENCES (Teaching)

- **Faculty of Engineering, Department of Architecture, Suez Canal University. (2004- to date)**
Under Graduates: (Architectural Design Studios, Urban Studies and Humanities, Housing, Graduation Project)
Post Graduates: (Upgrade for Informal Housing, Humanities in Architecture, Researches in Sustainability)
- **Interior Design department - King Abdul Aziz University, Saudi Arabia (2007 – 2013)**
(Architectural Drawing , Lighting, Principles of Construction, Execution design , Landscape Design, Environmental Control Systems, Quantities and specifications, Materials Techniques, Interior Design Studios 3, 4,5 , Research for Graduation Project)
- **Faculty of Fine Arts, department of Architecture, Minia University, Egypt. (1995-2004)**
(Architectural Design, Housing, Landscape Design, Environmental Studies, History of Architecture, Quantities and specifications, Principles of Construction, Interior Design)

SUPERVISION OF MASTERSERS THESES

- The Use of Smart Materials in Raising the Efficiency of the Performance of Buildings.
- Contemporary Trends in Landscape Design at Urban Parks.
- Towards Smart Gated communities in Egypt – An Approach for Implementing Smart Design principles at Residential Gated Communities.
- The Effect of the Logistics Seaports on the Sustainable Urban Development of the Suez Canal Axis.
- The Preservation of Historical Area in the Suez Canal Cities as an Approach for Sustainable Urban Development.
- Sustainability as Approach to Develop the Urban Housing Areas in Suez Canal Region.
- Sustainable development of ecotourism in North Sinai
- Vernacular architecture and its impact on the architectural design of educational buildings

RESEARCH INTERESTS

- Sustainable Development.
- Desert Settlements
- Urban Heritage
- The Upgrading of the Built Environment
- Housing: Informal Housing, Rural Housing

RESEARCHES & PUBLICATIONS

- 1- **"Exploring the Role of Technology and Innovation in Vernacular Architecture: A case study of the green school in Bali"**, International Journal of Scientific and Research, IJSRP, Volume 14, Issue 2, February 2024 Edition[ISSN 2250-3153]
- 2- **"Sustainable Development of Eco-Tourism in North Sinai, (An applied study on Al-Arish city)"**, Journal of Al Azhar University Engineering Sector, Article 17, Volume 16, Issue 59, Spring 2021
- 3- **"Developing Architectural Education For Adapting Climate Change"**, International Journal of Innovative Research in Science, Engineering and Technology, IJIRSET, Volume 6, Issue 1, January 2017.
- 4- **"Sustainable Development of Eco-Tourism In El Fayoum Governorate"**, The 7th International Conference of Arab tourism, "Tourism in the Arab world between theory and practice", Ismailia 2016.
- 5- **"The Use of Smart Materials in Raising the Efficiency of the Performance of Buildings"**, International Journal of Application or Innovation in Engineering & Management (IJAIEM), Volume 5, Issue 10, October 2016.
- 6- **"Sustainable development of urban spaces and squares in Mecca - "A case study of parking Kudad"**, Journal of Applied Arts and Science, faculty of Applied Arts, Dameitta University, 2016.
- 7- **"Contemporary Trends in Landscape Design at Urban Parks"**, Journal of Engineering Researches at faculty of Engineering – El Mataria, Helwan University, 2015
- 8- **"The appropriate Urban design environment for the Special Needs "**, Forum "The celebration of the International Day for the Gulf disabled child - the quality of life" 28-29/12/2010- Special Needs Center - King Abdul Aziz University Female Campus – Jeddah, 2010
- 9- **"Incorporating elements of urban heritage in modern architecture of Mosques"**, Conference "Past and Future in Architecture" Faculty of Engineering, 6 October University, Egypt, 2010
- 10- **"Architecture and Urban for the Special Needs - A Case Study - The design criteria of King Abdul Aziz University buildings for the Special Needs"**, Forum "visions and contemporary trends in the field of special needs," King Abdul Aziz University, 2009.
- 11- **"Integrated Desert Development"**, The 7th International Conference – INTERBUILD EGYPT- Cairo – 2000
- 12- **"Slums Areas between Present and Future"**, Seminar about Slums Areas in Egypt, The upgrading of the Built Environment Association (SUBE) in collaboration with Fredrich Numan (German Association in Egypt), Cairo 1994
- 13- **"The Effect of Urban Change on the Bedouin Environment"** Conference of Shelter and Urbanization, United Nations for Human Settlements, (UNCHS) Cairo, Egypt, 1990.

14- “The Bedouin House between Nomadic and Settled Life”,14Th International Conference for Statistics, computer Science, Social and Demographic Research, Egypt, 1989.

15- “Tourism Development in Sinai”, The Engineering Magazine for Armed Forces, Egypt 1983

RESEARCH PROJECTS

- Member of **CLIMASP** project, “**Development of an Interdisciplinary Program on Climate Change and Sustainability Policy**”, funded by the European Commission **Tempus** under the coordination of the UNESCO Chair ICT in Education for Sustainable Development, University of Crete, Greece. TEMPUS, 2014 – 2017
- Member of **IMPAQT** project, “**Integrative Multidisciplinary People-centered Architectural** Qualification & Training **ERASMUS** Project 586437-EPP-1-2017-1-AT-EPPKA2-CBHE-JP 2018

CONSULTING EXPERIENCE

- Member of the Committee “ The Urban Heritage of Ismailia Governorate” 2016 -2019
- Executive Director of the Quality Assurance and Accreditation Unit at the College of Engineering 2015-2017
- Member of the Education and Student Development Committee at the Suez Canal University
- Member of Consultative and the executive Committee for the preparation of the master's program in Interior Design, King Abdul Aziz University, 2013
- Member of the Committee of the Second Strategic Plan for King Abdul Aziz University - a program to develop scientific research, 2013
- Member of the Committee preparation courses for the Bachelor's Program in architecture for one of the private colleges in Jeddah in the field of design and arts according to the academic accreditation standards. 2011- 2012
- External Jury member for the academic accreditation of interior design department the Faculty of Dar Al-HEKMA, Jeddah, KSA, 2010- 2011
- External Jury member for graduation project in the architectural departments of different universities in Egypt and KSA
- Prepare the strategic plan for 15 Egyptian villages in Minia and Damietta governorates, within the framework of joint cooperation between the Suez Canal University and the General Authority for Urban Planning, 2007
- Expert in the field of housing and upgrading slums, the General Authority for Urban Planning, Ministry of Housing and New Urban Communities , 2006
- Architect and interior Designer for several private projects in Egypt (Housing projects - Villas – Hotels – Hospitals – Banks)