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## Biography

**Ph.D. degree in Architectural Engineering, University of Bath, England, December 1986.**

**Major: Environmental Design**

PhD Thesis Title: "An Architectural Approach to Energy Performance of Buildings in Hot/Dry Climate"

**M.Sc. Architectural Engineering, University of Alexandria, Egypt, March 1980.**

Thesis Title: "A Study in Islamic Architecture" Originality and Personality"

**B. Sc. Architectural Engineering, University of Alexandria, June 1976.**

**Major: Public Buildings**

Member of the syndicate of Engineers, Architectural Engineering section.

Member of the Association of Egyptian Architects, Egypt.

Member of the friends of Environment Group, Alexandria, Egypt.

Member of the International Energy Foundations, Tripoli, Libya.

Member of Alexandria Engineering Graduates Group, Alex. Egypt.

Referee Member of Architecture & Planning Journal ( APJ ), Faculty of Architectural Engineering, Beirut Arab University, 1999 - till now.

Referee Member of Faculty of Engineering Bulletin, Faculty of Engineering, Alexandria University, 1999 – till now

<p>Research Interests</p>	<p>Environmental Studies Islamic Architecture Behavior and Environmental Psychology</p>
<p>Publications</p>	<ol style="list-style-type: none"> <li>1. I.F. Hamdy, "A Study in Islamic Architecture" Originality and Personality" ,M.Sc. Thesis, March 1980, Univ. of Alex. Egypt.</li> <li>2. I.F. Hamdy, "An Architectural Approach to the Energy Performance of Buildings in Hot/Dry Climate" Ph.D. Thesis Dec. 1986., Univ. of Alex. Egypt.</li> <li>3. I.F. Hamdy, "Information Technology and New Environmental Attributes for Planning New Settlements". Paper submitted to the 30 Regional Science. Association, European Congress, Istanbul, Turkey, Aug. 28-31, 1990.</li> <li>4. N. Zaki, I.F. Hamdy, I. Youssef. "Up-grading of the Housing Unit as a Nucleus of the Cultural Environment: An Analytical Study", submitted to the 6 Egyptian Architects congress, Alexandria, Nov. 3-9, 1990.</li> <li>5. I.F. Hamdy, N. Zaki, "Recreational Tourist Villages on the Northern coast of Egypt: Review and Recommendations". Submitted to the International Symposium on Architecture of Tourism in the Mediterranean, Yildiz Univ.,18-20 Oct, 1991.</li> <li>6. M.A. Ibrahim, I.F. Hamdy, I Youssef, "The Impact of Environmental Pollution on Urban Development ; Case Study of El-AMREYA Cement Factory", Second International Conference on "Environmental Protection is a Must" Alexandria, Egypt, 24-27 Feb., 1992.</li> <li>7. N.Zaki , I.F. Hamdy, "A Trial to Overcome the Defects of Concrete in Housing Unit". Submitted to Workshop on Building Deterioration and Repair in the Arab World , Saudi Arabia, March 1-2, 1992.</li> <li>8. M.A. Ibrahim, I.F. Hamdy, I. Youssef " Discovery &amp; Conservation of Environmental Values: A Supporting Scheme for Tourism Development (Case Study, Maryout Lake)", International Conference on Scientific Tourism, Alexandria Egypt 18-22 April, 1992.</li> <li>9. M.A. Ibrahim, I.F. Hamdy, I.Y. El-Bastawissi "Housing in Tribal Desert Societies: Social and Natural Impacts". Paper submitted and presented to the Vienna Symposium on: "Recent Trends in Urban Anthropology", Vienna, June 26-28, 1992.</li> <li>10. M. A. Ibrahim, I.F. Hamdy, I. Youssef. "Tourism: A role of Reviving Historical Cities, Rosetta in its Urban Context". International Conference on Scientific Tourism, Alexandria, Egypt</li> </ol>

18-22 April, 1992.

11. I.F. Hamdy, R. Abdel-Maksoud, "Environmental Adaptation of Building Materials-part one", Faculty of Engineering Bulletin, Alexandria University, June,

1992.

12. I.F. Hamdy, R. Abdel-Maksoud, "Fire and Buildings", Faculty of Engineering Bulletin, Alexandria University, Sept. 1992.

13. I.F. Hamdy, R. Abdel-Maksoud, "Environmental Adaptation of Building Materials-part two", Faculty of Engineering Bulletin, Alexandria University, Oct. 1992.

14. I.F. Hamdy, R. Abdel-Maksoud, "The Courtyard Design Concept; a Scientific and Esthetical Approach", BAU Bulletin, Beirut Arab University, Lebanon, 1994.

15. I.F. Hamdy, M. Gabr, " A Productive Landscape Within The Industrial Zones", Faculty of Engineering Bulletin, Alexandria University, Sept. 1996

16. I.F. Hamdy, "Environmental Quality of Inner City Zones". BAU Bulletin, Beirut, Lebanon, Oct. 1996.

17. Hamdy I. F., M. Fikry, "Pitched Roof as a Design Parameter in Passive Architecture", El-Azhar 5 International Conference, Cairo, Dec. 1997.

18. I.F. Hamdy, "Architectural Education for Responsive Environmental Design", BAU Bulletin, Beirut, Lebanon, April 1997.

19. I.F. Hamdy, M. Fikry, "Pitched Roof: a Design Parameter in Passive Architecture", El-Azhar 5 International Conference, Cairo, Dec. 1997. 20. T.F. Hamdy, E.A. Amer. "The Formulation of Planning and Design Principles for Building in Desert Climate, Application: New Valley of Upper

Egypt", Faculty of Engineering Bulletin, Alexandria University, Jan/March 1998.

20. Hamdy I.F., M. Fikry, "New Shopping Centers in Egypt: Energy Consumption Criteria"., Fifth International Conference on Renewable Energy, Florence, Italy, Sept. 1998.

21. I.F. Hamdy, M. Fikry, "Passive Solar Ventilation", AISEC-6 Sixth International Conference, Muscat Sultanate Oman, March 1998.

22. I.F. Hamdy, M. Fikry, "New Shopping Centers in Egypt: Energy Consumption Criteria"., Fifth International Conference on Renewable Energy, Florence, Italy, Sept. 1998.

23. I.F. Hamdy, M. Fikry, "Intelligent Buildings and Energy Conservation: Economy and Efficiency", 2 nd Conference on the

Role of Engineering Towards a Better Environment, Fac. of Eng., Alexandria University, December 1998.

24. I.F. Hamdy, "ECO-Tourism along the Coastal Zone", Architecture and Planning Journal, Vol. 13, No.1, Beirut Arab University Press, pp.99-116, Jan 2001.

25. I.F. Hamdy, "Environmental Prospects of Development Plans for South Lebanon", Proceedings of a conference on urban challenge in the era of liberation, South-Lebanon.

26. I.F Hamdy, M. Fikry, "Rehabilitation of Public Services Main Concern: Protection of the Urban and Coastal Environment in the Town of Tyre", APJ, VOL. 14, Issue(2), Jan 2002.

27. H.N.Khairallah, O.Rashed, Y.Khalil, I.F.Hamdy, "Improving the Quality of University Education to meet Future Challenges ; Engineering Education Prospective", Center of Education Development, Alexandria University, Alexandria, Egypt, 2003.

28. U. el Fiky, I.F Hamdy and Donald Van Dansik, "The potential Green Architecture Design Strategies in Egyptian Building Culture", Plea 2004, the 21 st conference on Passive and Low Energy Architecture, Eindhoven, The Netherlands, September 2004.

29. U. el Fiky, I.F.Hamdy and M.Fikry, "Designed Green Toolbox As Built Environment Educating Method", "Built Environment Education Annual Conference- BEECON 2006", London, U.K., September 2006.