
Personal information

Name Mohamed Abdel-Karim Aly **Abdrabo**

Date and place of birth : 26/11/1960, Cairo, Egypt

Religion : Moslem

Gender : Male

Marital status : Married, with three children

Work address : Environmental Studies Department, Institute of Graduate Studies and Research, University of Alexandria, 163 Horreya Avenue, P.O.Box 832 Chatby, Alexandria, Egypt

Phone : W. (203) 4295007 (ext. 209)

: H. (203) 5230320

: Mobile (2010) 5167400

: Fax: (203) 5411349

Email address : mabdrabo@hotmail.com

: mabdrabo@arca-eg.org

Employment history

Present Post:

2009 until now : Professor of Environmental Economics, Dept. of Environmental Studies, Institute of Graduate Studies and Research, University of Alexandria.

Previous Post:

2003 until 2009 : Associate Professor of Economics, Dept. of Environmental Studies, Institute of Graduate Studies and Research, University of Alexandria.

2000 until Dec. 2008 : Advisor, on part time basis, to Centre for Environment and Development for the Arab Region and Europe (CEDARE) for the Socio-Economics for Sustainable Development Program.

1991-2003 : Assistant Professor of Economics, Dept. of Environmental Studies, Institute of Graduate Studies and Research, University of Alexandria.

1983-1991 : Demonstrator, Economics Dept., Faculty of Commerce University of Alexandria.

Qualifications

- Ph.D. 1991, Urban Economics, Civic Design Dept., University of Liverpool, U.K. Title: “New Urban Settlements: An Economic Evaluation of Current Progress in Egyptian New Towns”.
- Attended courses (1988/9) on Macroeconomics, Microeconomics, and Econometrics, Dept. of Economics, University of Liverpool.
- B.Sc. 1983, Very Good, Economics, Faculty of Commerce, University of Alexandria.

Research Work

- **Abdrabo, M.A.** and M.A. Hassaan, An integrated framework for urban resilience to climate change Case study: the Nile Delta coastal urban areas, *Urban Climate*, DOI: 10.1016/j.uclim.2015.09.005.
- Joel B. Smith, J. B., B. A. McCarl, P. Kirshen, R. Jones, L. Deck, **M. Abdrabo**, M. Borhan, A. El-Ganzori, M. El-Shamy, M. Hassan, I. El-Shinnawy, M. Abrabou, M. K. Hassanein, M. El-Agizy, M. Bayoumi, R. Hynninen, 2014, Egypt’s economic vulnerability to climate change, *Climate Research*, doi: 10.3354/cr01257.
- **Abdrabo, M.A.** and M.A. Hassaan, 2014, Assessing resilience of the Nile Delta urban centers to sea level rise impacts, A paper presented at the 5th Global Forum on Urban Resilience & Adaptation, Bonn-Germany 29-31 May 2014
- **Abdrabo, M.A.** and M.A. Hassaan, 2014, Economic Valuation of Sea Level Rise Impacts on Agricultural Sector: Damietta Governorate, Egypt, *Journal of Environmental Protection*, (<http://www.scirp.org/journal/jep>) <http://dx.doi.org/10.4236/jep.2014.52012>.
- Hassaan, M.A. and **M.A. Abdrabo**, 2013, Vulnerability of the Nile Delta coastal areas to inundation by sea level rise, *Environmental Monitoring and Assessment*, DOI 10.1007/s10661-012-3050-x.
- **Abdrabo, M.A.**, 2011, Economics of water resources, A presentation made at the TWAS-ARO 7th annual meeting: “Water, Nuclear and Renewable Energy: Challenges versus Opportunities” conference held on 28-29 December 2011 at the Bibliotheca Alexandrina, Alexandria, Egypt.
- **Abdrabo, M.A.** and M. Hassaan, 2010, Adaptation to the impacts of sea level rise in the Nile Delta coastal zone, Egypt project, A presentation made at Coastal Zone Canada International Conference 2010, held in Charlottetown, Prince Edward Island, 25-29 July 2010.
- **Abdrabo, M.A.** and M. Hassaan, 2010, Assessment of socioeconomic vulnerability to SLR using GIS: Damietta, Egypt, A paper presented at the Deltas in times of climate change, held in Rotterdam, on 29 September – 1 October 2010
- **Abdrabo, M.A.**, Towards a green economy: Solar water heaters potentials in Egypt, A paper presented at 30th Annual Conference of the International Association for Impact Assessment (IAIA): Towards a Green Economy, held in Geneva, Switzerland on 6-11 April 2010.

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- **Abdrabo, M.A.**, 2009, Demand for children: evidence from Rosetta region, Egypt, Journal of Scientific Research of the Faculty of Commerce, University of Alexandria, July 2009.
 - **Abdrabo, M.A.**, 2008, Socioeconomic conditions in coastal areas: a comparative analysis, in Bayed A. & Ater M. (éditeurs). Du bassin versant vers la mer : Analyse multidisciplinaire pour une gestion durable, *Travaux de l'Institut Scientifique*, Rabat, série générale, 2008, n°5, 117-122.
 - Serrano, L.; Serrano, O; Pinto, R.; Zakhama, R.; Scapini, F.; Bayed, A.; **Abdrabo, M.**; Farag, B.; Sharafi, F.; Rossano, C.; Nourisson, D.; and Mateo, M., Ecological functioning of transitional water bodies: from conceptual and mechanistic models to management, A paper presented at WADI International Conference, held in Malta 5 – 8 November 2008.
 - Fahd, S.; Bennas, N.; Ater, M.; Hmimisa, Y.; Fanini, L.; Bousalah, F.; **Abdrabo, M.**; and Scapini, F., Women's participants and gender specificity in the use of water in Oued laou Basin (northeast of Morocco), A paper presented at WADI International Conference, held in Malta 5 – 8 November 2008.
 - **Abdrabo, M.A.** and M. Hassaan, Economic valuation of Lake Maryuit function as a deterrent to urban expansion in Alexandria, A paper presented at WADI International Conference, held in Malta 5 – 8 November 2008.
 - **Abdrabo, M.A.**, Economic valuation of wetland ecosystem- Case study: Lake Maryuit, Egypt, A paper presented at WADI International Conference, held in Malta 5 – 8 November 2008.
 - Hassaan, M.; Serrano, L.; Serrano, O.; Mateo, M. and **Abdrabo, M.**, 2008, Suitability analysis of water quality in Lake Maryuit for economic activities using GIS techniques, A paper presented at WADI International Conference, held in Malta 5 – 8 November 2008.
 - **Abdrabo, M.** and M. Soliman, Economic assessment of solar water heaters potentials in Egypt, Journal of Commercial and Management Studies, No. 4, October 2008, PP. 3-18.
 - **Abdrabo, M.A.** and M. Hassaan, Assessment of government upgrading programmes in informal areas and potential for public participation: Case study Alexandria, Egypt (In press).
 - **Abdrabo, M.A.**, 2008, Assessment of economic viability of solid waste service provision in small settlements in developing countries: Case study Rosetta, Egypt, *Waste Management*, vol. 28, pp. 2503-2511.
 - **Abdrabo, M.A.** and M. Hassaan, Urban sustainability: Assessment of resources mobilization potentials for informal areas upgrading, case study Alexandria Egypt, A paper presented at the 2nd Conference on Municipal Action, held 24-25 April 2007, Ajman, UAE.

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- **Abdrabo, M.A.**, Socioeconomic conditions in coastal areas: a comparative study, A paper presented at the Mediterranean coastal areas from watershed to the sea: interactions and changes international conference, held on 10-14 November 2005, Florence, Italy
 - Hassaan, M. and **Abdrabo, M.A.**, Poverty levels and environmental quality in Rosetta, A paper presented at the Mediterranean coastal areas from watershed to the sea: interactions and changes international conference, held on 10-14 November 2005, Florence, Italy
 - **Abdrabo, M.A.**, " Economic Value of environmental resources and their policy making relevance in the Red Sea context, a paper presented at Sea to Sea conference, organized by PERSGA, 14-16 February 2005, Cairo.
 - Hassaan, M.A., **M.A. Abdrabo**, M.E. El Raey and M.A. Bahgat El Fadly, 2004, "Using Geographic Information System as a decision support system for urban and land management, Case study Egypt, A paper presented at the International Conference on Future Vision and Challenge for urban development, held on 20-22 December 2004, Cairo.
 - **Abdrabo, M.A.**, and M. Hassaan, Assessment of possible policy options to air pollution problem: Case study Wadi-el-Qamar, Alexandria, A paper presented at the Second Dubai International Conference on Atmospheric Pollution, Dubai, 21 – 24 February 2004.
 - Labib, N., Korany, E., Abdel-Azeem, and **Abdrabo, M.A.**, "An intelligent system for e-content banking credit management application", Proceedings of the Ninth Conference on Information and Computers Technology entitled: "Creativity and Innovation for the Advancement of E-Content Industry" – Held 12-14 February 2002, Cairo.
 - **Abdrabo, M.A.**, Okab, A., Farag, M. and Khalifa, M. " Economic valuation of environmental damage using Hedonic pricing: Case study Wadi-el-Qamar, Alexandria, 2002 Journal of Scientific Research of the Faculty of Commerce, University of Alexandria, March 2002.
 - **Abdrabo, M.A.**, "Valuing Environmental Damage Caused by a Cement Factory in Alexandria Using Contingent Valuation Approach", Journal of Scientific Research of the Faculty of Commerce, University of Alexandria, March 2001.
 - **Abdrabo, M.A.**, " Assessment of Willingness to Pay for Sewerage Provision in Agaim District, Alexandria", a paper to be presented at the Environment and Development Second International Conference, Sweden, 6-8 September 2000.
 - **Abdrabo, M.A.**, "Domestic Water Pricing in Developing Countries: Case Study Alexandria", Journal of Scientific Research of the Faculty of Commerce, University of Alexandria, March 1999.
 - **Abdrabo, M.A.** and M. Hassaan, "Consequences of Urban Encroachment on Agricultural Land: Case Study Alexandria", a paper presented at the International Conference on Environmental Development, Health and Sustainability, Alexandria, 22-25 March 1999.

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- **Abdrabo, M.A.** and M. Hassaan, "Valuing Adverse Environmental Impacts of a Fertilizers Company on Agricultural Productivity", a paper presented at the International Conference on Environmental Development, Health and Sustainability, Alexandria, 22-25 March 1999.
 - **Abdrabo, M.A.** S. Helmi, and M. Hassaan, " A Socioeconomic Study of Unplanned Urbanization: Case Study Alexandria", a paper presented at the International Conference on the Urban Environment in the Mediterranean, Malta, 5-7 October 1997.
 - **Abdrabo, M.A.**, "An Economic Evaluation of the Egyptian New Urban Settlements", A paper presented at the Regional Conference on the Future of the New Urban Settlements in Egypt, 22-25 May 1995, Cairo.
 - **Abdrabo, M.A.**, "Evaluation of the Egyptian New Urban Settlements Policy: A general perspective", A paper presented at the Regional Conference on the Future of the New Urban Settlements in Egypt, 22-25 May 1995, Cairo.

Published Books and reports

- Joel Smith, J., B. McCarl, P. Kirshen, J. Malley and **M. A. Abdrabo**, 2013, Potential Impacts of Climate Change on the Egyptian Economy, UNDP.
- **Abdrabo, M.A. (Lead Author)**, Chapter 22, Africa, of the Working Group II contribution to the Intergovernmental Panel on Climate Change (**IPCC**) Fifth Assessment Report (AR5) due in 2014.
- Khater, A. E. Al-Karablieh, **M. Abdrabo**, R. Choukr-Allah and W. Zubari, 2013, Water governance in the Arab Region: Managing scarcity and securing the future, UNDP (RBAS), New York.
- **Abdrabo, M.A.** and M. Hassaan, Wetland Socioeconomy: The Case of Lake Maryut (Egypt) in F. Scapini and G. Ciampi, Gabriele (Eds.), Coastal Water Bodies: Nature and Culture Conflicts in the Mediterranean, Springer, Dordrecht, Netherland, 2010, pp. 21-43.
- **Abdrabo, M.A.** and M. Hassaan, The Urban Environment in Developing countries: Opportunities and Challenges, Zayed Prize for the Environment, 2006, (Arabic).
- **Abdrabo, M.A.**, Environmental Economics: An introduction, Zayed Prize for the Environment, Dubai, 2003, (Arabic).
- **Abdrabo, M.A.** and M. Gozlan, Environmental and Resource Economics, 2000, (Arabic).

Books translation into Arabic

- IDRC, 2010, Valuing the Environment: Economics for A Sustainable Future, In-focus, IDRC, Ottawa – translation conducted in 2012
- UNEP, August 2009, Integrated Policymaking for Sustainable Development: A reference manual, UNEP, Geneva – Translation conducted in 2009
- UNEP, August 2009, Integrated Assessment: Mainstreaming sustainability into policymaking - A guidance manual, UNEP, Geneva – Translation conducted in 2010

Workshops Attended

- Workshop on “Communicating Climate Adaptation Research for Influence and Impact in Africa”, organized by IDRC, on 20 – 27 September 2014, Pretoria.
- Workshop on “knowledge sharing of Vulnerability in Coastal Zones and Deltas”, organized by the Center for Advanced Amazonian Studies (NAEA) and IDRC - Canada, Federal University of Pará, to be held on October 02 - 04, 2013, Belém city, State of Pará, Brazil.
- Workshop on "IPCC Working Group II, 4th Lead Authors' Meeting of the AR5 & Core Writing Team meeting", held on 15-19 July 2013, Bled, Slovenia
- "IPCC Working Group II, 3rd Lead Authors' Meeting of the AR5", held on 23-26 October 2012, Buenos Aires, Argentina
- "IPCC WG II – Chapter 22 Writing Workshop Meeting of the IPCC AR5, held on 26-30 March 2012, Cape Town, South Africa,
- "IPCC Working Group II, 2nd Lead Authors' Meeting of the AR5", held on 12-15 December 2011, San Francisco, USA.
- “Second Arab Water Forum”, held on 20-23 November 2011, Cairo, Egypt.
- “IPCC Working Group II & Working Group III Regional Expert Meeting”, held on 9-11 August 2011, Accra, Ghana.
- African Adaptation Research Centre workshop Organized by IDRC, held on 18-21 June 2011, Accra, Ghana.
- Brain Storming meeting of the "Arab Water Report", Organized by UNOPS, held on 27 - 28 February 2011, Amman, Jordan.
- "IPCC Working Group II, 1st Lead Author's Meeting of the AR5", held on 11 - 14 January 2011, in Tsukuba, Japan
- "The Second CCAA Learning Forum", Organized by CCAA and IDRC, held on 25-29 October 2010, Dakar, Senegal.
- “Monitoring and Evaluation for projects supported by the CCAA program Workshop”, Organized by CCAA and IDRC, held on 7-11 December 2009, Gorée, Dakar.
- "Integrated Climate Risk Assessment Training workshop", Organized by IDRC and FDID, held on 24-28 November 2008, Nairobi.
- "Organizational adaptiveness and research management Capacity building support to research organizations in the MENA", Organized by IDRC, held on 8–9 October 2008, Cairo.

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- "Expert Group Meeting on Preparation of Arab Countries for the 5th World Trade Organization (WTO) Ministerial Conference in Mexico", organized by ESCWA, held on 22-23 July 2003, Beirut.
 - "Mediterranean Environmental Technical Assistance Program High Level Meeting on Economic Tools for Environmental Sustainability", Organized by METAP and ESCWA, held on 25-27 June 2003, Beirut.
 - "Fourth Round Meeting of the Social Development Committee", organized by ESCWA, held on 3-5 July 2002, Beirut.
 - "Stakeholders Round Table for West Asia meeting", organized by UNEP/ROWA, held on 23-25 September 2001, Bahrain.
 - "The Regional meeting on Earth Summit", Organized by Jordanian Human Development Fund, held on 12-13 November 2001, Oman.
 - Workshop on "Environmental Economics" organized by Beijer Institute, held on 1-12 March 2000, Morocco.
 - Workshop on "Environmental Economics" organized by Beijer Institute, held on 1-12 October 1998, Ghana.
 - Workshop on "Integrated Management of Environmental Hotspots" organized by METAP, IAC, and Cedare as part of the MED-BRANCH Program, March 1997, Tunisia.
 - Workshop on "Environmental Economics and Policy Analysis" held at Harvard Institute for International Development, June 10- July 12, 1996, USA.
 - Workshop on "Environmental Economics for Sustainable Development" organized by METAP-UNESCO-Cedare- EEAA, 12-23 April 1996, Cairo-Aswan, Egypt.
 - Workshop on "Management of Research and Development Projects" held at the Arabian Gulf University, 11-15 November 1995, Bahrain.
 - Workshop on "Problem Solving", organized by the British Council, held in Alexandria in 1993

Consultations

- Participated in a short-term consultancy with IUCN for "Developing an integrated framework for resource mobilization and valuation of ecosystem benefits in Egypt", June – September 2015.
- Participated as a short-term consultant With the GIZ-Cairo in the Appraisal Mission of GIZ programme "Adaptation to Climate Change in the Water Sector in the MENA Region" (ACCWaM), January – February 2015.
- Participating in a short-term consultancy with the ESCWA – Beirut in **Preparation of an Investment and Financing Vision for Transitioning towards Green Economy in the Arab Region**, March – October 2013
- A member of the core writing team for the "Arab Water Report", UNDP, October 2011 – ongoing.
- Participated in short-term consultancy with the UNDP – Cairo Office in Socioeconomic valuation study of vulnerable land to sea level rise at the Nile Delta, January – April 2011.

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- Participating, as a project manager, in a project entitled “Establishing Alexandria Research Center for Adaptation to Climate Change”, Sponsored by IDRC Canada, 2011-2014.
 - Participating, as a project manager, in a project entitled “Adaptation to the impacts of sea level rise in the Nile Delta coastal zone, Egypt, Sponsored by IDRC, 2009-2011
 - Participated in a project entitled" SWITCH: sustainable urban water management for the city of the future", Sponsored by the EC, 2005-2010.
 - Participated in a project entitled" TERMISOL: New Low-Emissivity and Long Lasting Paints for Cost-Effective Solar Collectors", Sponsored by the EC, 2008-2010.
 - Participated in a project entitled: “Sustainable management of coastal fresh water bodies: a socio-economic and environmental analysis to enhance and sustain stakeholder benefits, Sponsored by the EC, 2006-2008
 - Preparation of a "manual and guidelines for socioeconomic impact assessment", for the Egyptian Environmental Affairs Agency (EEAA) – DANIDA, October 2007 – March 2008 (Arabic and English).
 - Participated in a project entitled: From river to catchment area: A comparative and integrated approach to the ecology of Mediterranean coastal zones for sustainable management, Sponsored by the EC, 2002-2005.
 - Preparation of a position paper on Local management and Sustainable Development, for PAP/RAC, October 2004 – February 2005.
 - Socioeconomic consultant for the Nubian Sandstone Aquifer System Region Project, sponsored by IFAD - CEDARE, January - August 2002.
 - Advisor to a Project entitled “Economic instruments for environmental protection in Egypt”, sponsored by the Program Support Unit- Egyptian Environmental Protection Program, Feb. 2001- May 2002.
 - Participated in a Project entitled "Preparation of work-plan, Internal Procedures, and Organizational Manuals for Alexandria Regional Branch Office of EEAA", Sponsored by OSP, Danida-EEAA for 6 months 1999/2000.
 - Participated in a project entitled "Integrated Pollution Control in Aleppo", sponsored by Syrian Ministry of Environment, UNDP-EU LIFE program, for 8 months, 1998-2000.
 - Participated in a project entitled "In-Plant Modification and Improvement of Handling Process to Reduce Wastes at Al-Ameryia Refining Company", sponsored by the Science and Technology Cooperation Project (STC), Cairo for two years 1994-95.
 - Participated in a project entitled "Process Development of Galvanized Wires in the Copper Company, Alexandria", sponsored by the Science and Technology Cooperation Project (STC), Cairo for two years 1993-95.
 - Participated in a project entitled "Environmental Awareness among Alexandrians", sponsored by IDRC for one year, 1992/93.

Lecturing Experience

I. Training workshops

- Conducted a training workshop on "Economic valuation of ecosystems", organized by IUCN and CEDARE on 24 – 26 March 2015, CEDARE, Cairo.
- A variety of technical workshops on various aspects of Climate Change impacts, vulnerability and adaptation", organized by ARCA over 2012 and 2015.
- Conducted a training workshop on "Environmental Economics", at the Egyptian Environmental Affairs Agency (EEAA), December 2006 – March 2007, EEAA, Cairo, Egypt.
- Lectured in a Training Course on "Integrated Pollution Control Management", organized by Integrated Pollution Control in Aleppo Project-UNDP, 29 May-10 June 1999, Aleppo, Syria.
- Lectured in a training course on "Environmental Management", sponsored by METAP, 1-3 June 1998, Aleppo, Syria.
- Lectured in a workshop on "Environmental Management", IGSR, held for two consecutive years, 1997 and 1998.

II. Taught Courses

- Environmental management, policy, management and economics
- Energy management and economics
- Technology of the urban environment
- Environmental science and policy
- Natural resources economics
- Basics of environmental management
- Environmental impact assessment
- Environmental economics
- Trade and environment
- Economic assessment of environmental projects
- Environmental projects: economics and management

Invited Reviewer to the following International Journals

- Journal of Environmental and Development Economics
- Journal of Waste Management
- Journal of Environmental Management

Networks membership

- Member, International Impact Assessment Association (IAIA)
- Coordinator Middle East and North Africa Network of Environmental Economics (MENANEE).
- Member, MENA Evaluators Network

Awards

- University of Alexandria Award for Scientific Promotion (2008)

Theses supervision

- **M.Sc. Thesis entitled** “Economic valuation of potential impacts of SLR on Agriculture sector Case study: Gamasa – Ras El Barr coastal area”, Institute of Graduate Studies and Research, Alexandria University, **Completed 2013.**
- **M.Sc. Thesis entitled** “Economic valuation of potential impacts of SLR on urban areas Case study: Gamasa –Ras El Barr coastal area”, Institute of Graduate Studies and Research, Alexandria University, **Completed 2013.**
- **M.Sc. Thesis entitled** “Assessment of socioeconomic vulnerability to Sea Level Rise Case study: Gamasa –Ras El Barr coastal area”, Institute of Graduate Studies and Research, Alexandria University, **Completed 2012.**
- **M.Sc. Thesis entitled** "Develop an Intelligent Decision Support System for wetland ecosystem", Institute of Graduate Studies and Research, Alexandria University.
- **Ph.D. Thesis entitled:** "A study on non-conventional uses of recycled wastewater in Bahrain Kingdom: Case study reinforced concrete industry", Institute of Graduate Studies and Research, Alexandria University, **Completed 2011.**
- **M.Sc. Thesis entitled** " Assessing the potential of using economic instruments in environmental management: Case Study Egypt", Institute of Graduate Studies and Research, Alexandria University, **Completed 2012.**
- **Ph.D. Thesis entitled** " Attaining Sustainable Development from a Human Resources Perspective: Case Study Kuwait", Institute of Graduate Studies and Research, Alexandria University.
- **M.Sc. Thesis entitled**" Development activities in the Red Sea Coast and their Socioeconomic Impacts: Case Study Egypt and Sudan", College of Maritime Transport and Technology, Alexandria, Egypt, **completed 2004.**
- **M.Sc. Thesis entitled** “A study of potential utilization of economic instruments for environmental protection in Egypt”, Institute of Graduate Studies and Research, Alexandria University, **completed 2004.**

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- **Ph.D. Thesis entitled** "A study of the socioeconomic impacts of land use patterns in Damanhour city, Beheria, Egypt", Institute of Graduate Studies and Research, Alexandria University, **Completed 2003.**
 - **M.Sc. Thesis entitled** "Environmental changes in Lake Maryuit and assessment of its socioeconomic impacts", Institute of Graduate Studies and Research, Alexandria University, **Completed 2003.**
 - **M.Sc. Thesis entitled** "Valuing environmental pollution impacts using Hedonic approach: Case study Western Section of Alexandria", Institute of Graduate Studies and Research, Alexandria University, **Completed 2002.**
 - **M.Sc. Thesis entitled** "Life-cycle analysis for pollution prevention and energy conservation, case study: Chloro-Alkaline plant of Misr Chemicals Co.", Institute of Graduate Studies and Research, Alexandria University, **Completed 2002.**
 - **M.Sc. Thesis entitled** "Design, implementation and application of a decision support system for economic feasibility studies ", Institute of Graduate Studies and Research, Alexandria University, **Completed 2000.**
 - **Ph.D. Thesis entitled** "An intelligent system for e-content banking credit management application", Institute of Graduate Studies and Research, Alexandria University, **Completed 2000.**
 - **M.Sc. Thesis entitled** "An economic feasibility study of a computerized irrigation and fertilization system in greenhouses in Egypt", Institute of Graduate Studies and Research, Alexandria University, **Completed 1999.**
 - **M.Sc. Thesis entitled** "Design, implementation and application of a decision support system for forecasting macroeconomic variables", Institute of Graduate Studies and Research, Alexandria University, **Completed 1999.**
 - **M.Sc. Thesis entitled** "Environmental housing conditions in new urban settlements in Egypt: Case study New Borg-El-Arab", Institute of Graduate Studies and Research, Alexandria University, **Completed 1997.**
 - **M.Sc. Thesis entitled** "Developing an educational information system suitable for developing countries", Institute of Graduate Studies and Research, Alexandria University, **Completed 1995.**
 - **M.Sc. Thesis entitled** "Design, implementation and application of a decision support system for assessing regional economic diversification", Institute of Graduate Studies and Research, Alexandria University, **Completed 1995.**
 - **M.Sc. Thesis entitled** "Socioeconomic study of unplanned urbanization: Case study Asafa-south", Institute of Graduate Studies and Research, Alexandria University, **Completed 1995.**
 - **M.Sc. Thesis entitled** "The relationship between housing and unplanned other land uses in rapidly growing urban areas: Case study Mandara-South", Institute of Graduate Studies and Research, Alexandria University, **Completed 1994.**

Fields of Interest

- Environmental Economics
- Socioeconomic impacts and vulnerability of climate change
- Environmental and Urban Socioeconomic Studies