**Personal information**

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| **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 |
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**Employment history**

**Present Post:**

*6/2017 until now* : Vice Dean for Graduate Studies and Research, Institute of Graduate Studies and Research, University of Alexandria.

*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**

* Hassaan, M.A., **M.A. Abdrabo** and P. Masabarakiza, 2017, GIS-Based Model for Mapping Malaria Risk under Climate Change Case Study: Burundi. Journal of Geoscience and Environment Protection, 5, 102-117. <https://doi.org/10.4236/gep.2017.511008>.
* **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.
* **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.
* **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.
* **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.
* "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 Econo3-2mics 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.
* 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**

* **Ph.D. Thesis entitled** “Assessing water sector vulnerabilities to climate change impacts, with specific focus on agriculture: Case study Jordan Valley, Jordan”, Institute of Graduate Studies and Research, Alexandria University.
* **Ph.D. Thesis entitled** “Modeling Climate Change Impacts on Inland Water Bodies Using Remote Sensing Data Case Study: Wadi El-Rayan, Egypt”
* **M.Sc. Thesis entitled** “Economic Analysis of the Nile Delta Vulnerabilities and Adaptation to Sea Level Rise Impacts”, Institute of Graduate Studies and Research, Alexandria University.
* **M.Sc. Thesis entitled** “Assessing Institutional Capacities for Adaptation to Climate Change, Case Study: Egypt”, Institute of Graduate Studies and Research, Alexandria University.
* **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**.
* **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 Asafra-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