



CURRICULUM VITAE

Name: Zeinab Attia Attia Nagdi

Date of Birth: 19 April, 1955

Address: #4 Kamel Maher St., El-Zahraa, Ain Shams, Cairo, Egypt.

Position: Chief Researches,
Director of CLAR
Central Laboratory for Aquaculture Research (CLAR), Abbassa, Abu-Hammad,
Sharkia Governorate, Agricultural Research Center

Social Status: Married

Cellular Phone / Mobile.: 01005603290

E-mail: nagdiz@yahoo.com

Education Qualifications:

B.Sc. agricultural Science, Soil Dept., Agriculture Faculty, Cairo University, 1977
M. S. in Biology, Ichthyology and Fish Farming, Astrakhan University, 1987.
Ph. D. in Agriculture, Major: Zoo-Technology, livestock products production
practice, Moscow Agricultural Academy, 1991.

Job History

1979 – 1980: Chemist, Soil Dept., General Authority for Atomic Energy,
1980 - 1984: Research Specialist, Researches Dept., General Authority for Fish
Resources Development (GAFRD).
1982-1984: registration for the M.Sc. Degree at Soil Dept., Ain-Shams University.
1984- 1991: M. Sc. and Ph. D. scholarships in Russia.
1992-1997: Researcher, Central Laboratory for Aquaculture Research (CLAR).
1997-2005: Senior Researcher, Central Laboratory for Aquaculture Research CLAR).
2005 till now: Chief Researcher, CLAR.
1992- 2008: Head of Limnology Department, CLAR.
2012 - 2013: Deputy Director for Research
2013 till now: Director of CLAR

List of Publications:

- Boyd, C.E.; Green, B.W.; Munsiri P. El Nagdy, Z. El Gamal, A. (1995) Chemical and physical characteristics of bottom soil profiles in an arid climate at Abbassa-Egypt (abstract). PD/A CRSP Final Research Report 95-91 March, 1995
- Green B. W.; El-Nagdy Z.A.; Hebicha, H.; Shaker, I.; elkenawy, D. and El-Gamal, A. (1995): Evaluation of Nile tilapia production systems in Egypt. PD/A CRSP Research Report 95-91, October 31, 1995
- Nagdi, Z.A. (1996): Study of Nile and blue tilapia fish farming under fertilization and artificial feed system. Fish. Resources J., Vol 14
- Green B. W.; Kevin Hopkins; El-Nagdy Z.A.; Hebicha, H.; Shaker, I.; elkenawy, D. and El-Gamal, A. (1995): Effect of stocking rate on growth and yield of Nile tilapia. (abstract) PD/A CRSP, Final Research Report 95-91, March, 1995
- Nagdi, Z.A. (1997): The effect of stocking rate on water quality, soil chemistry and fish production. Egypt. J. of Agriculture Research, vol. 75 (4): 1155-1161.
- Nagdi, Z.A. (1997): Water quality under different pond management. Egypt. J. of Agriculture Research, vol. 75 (4): 1163-1173.
- Nagdi A.Z and Shaker I. (1998): Effect of water sources on some microelements in fish farm. Egypt. J. Agric. Res., 76 (1): 351-357.
- Nagdi, Z.A. (1998). Yield and performance of two species of tilapia under different pond environments. Egypt. J. Agric. Res. 76: 875-882.
- Nagdi Z A, Al Nady M A, El Shaie M M and Megid S A A (1998): The effect of heavy fertilizer -feed input on the ecology and production of Nile tilapia, Bull. Fac. Agri., Cairo Univ., 50:.
- Shaaban M.T.; Khallaf E. A.; Nagdy Z. A. and El-Gammal M. M. (1999): Variation of biological dynamics and physicochemical fluctuations in water of fish ponds due to different organic and inorganic fertilizers applications. J. Unio Arab Biol. Cairo, 6th Inte. Conf. 8-10 Nov., B (8) Microbiol. And Viruses: 293-313.
- El-Nady M. A.; Nagdy Z.A.; Shafie M.M. and Ibrahim N.A. (1999): Effects of hyper dose of urea and superphosphate on water quality and fish harvest. Bull. Fac. Agri., Cairo Univ., 50:609-620.
- Dawah A.M. and Nagdy Z.A. (2000): Drainage-grown microalgae as a protein supplement for cultivation of *Tilapia nilotica* (*Oreochromis niloticus*). 1st Int. Conf. Biol. Sci. (ICBS), Fac. Sci., Tanta Univ., 7-8 May, 1 :123-135.
- Green B.W.; El-Nagdy Z.A. and Hebicha (2002): Evaluation of Nile tilapia pond management strategies in Egypt. Aquaculture Research, 33:1037-1048.

- Nagdi Z.A. and Shaker I.M. (2002): Evaluation of (Gypsum) Calcium Sulfate using in aquaculture ponds. *Egypt. J. Appl. Sci.*, 17(6): 363-389.
- Shaker I.M.; El-Nagdy Z.A. and Ibrahim N.A.(2002): Effect of organic and artificial feeding on water quality and growth performance of mullet in earthen ponds in Sahl El-Teena, Egypt. *Proc. 1st Sci. Conf. Aqua. El-Arish*, 13-15 Dec.: 77-88.
- Kobbia A.; Shabana E.F.; Nagdy Z.A.; Battah M.G. and Dawah A.M. (2002): Mass production of *Chlorella vulgaris* and its using applicability in feeding silver carp fish (*Hypophthalmichthys molitrix*) raised in aquaria. *Egypt. J. Phycol.* (3):73-83.
- Ibrahim, A.M.; Abd El-Hakim; Nagdi Z.A. and Ali N.A. (2003): Effect of fish pond fertilization systems on water physico-chemical properties and phyto-zooplankton communities. *J. Env.,Sci. Inst. of Enviro. Stu. and Res.*, 7(1):107-133.
- Nagdy, Z.A. (2003): Effect of aeration and acceding feeding rate on growth performance of Nile tilapia and common carp. *Egypt.J.Appl. Sci.*, 18(1):48-56.
- Nagdi, Z.A.; Ibrahim N.A.; Salem M.A. and Shafie M.M.(2003): Effect of phytoplankton inoculation with some chemical fertilizers on water quality and growth of tilapia in aquaculture. *Egypt. J. of Phycol.* 4:1-16.
- Elghamrini, S.A. and Nagdi Z.A. (2003): Aquaculture in Egypt: Just a vision of development. *Egypt. J. Agric. Res.*, 81(2): 865-886.
- Elghamrini, S.A. and Nagdi,Z.A. (2003): Trends of adoption studies published in the United State during the period 1941-2002. *Egypt. J. of Applied Science*, vol.18 no.5:260-299.
- Nagdi, Z.A. (2004): Effect of chemical fertilizers with or without feed under three stocking densities on water quality and blue tilapia (*Oreochromis aureus*) performance. *J. Egypt. Acad. Soc. Environ. Develop. (B-Aquaculture)*. 5(2): 1-22.
- Nagdi, Z.A.; Abd Elmageed S.A.; Shafie M.M and Salem M.A.(2004): Some eco-physiological responses of Nile tilapia male to thermal and salinity conditions. *Vet. Med.J. Giza*. 52(2)193-211.
- Sitohy,M.; Abu-Aita A.; Nagdy Z.A. and Shalaby N. (2004): Fish meat quality of Nile tilapia (*Oreochromis niloticus*) subjected to heavy metals under different levels of water hardness. *Egypt. J. Aquat. Biol. And Fish.*,8(3):93-111.
- Ezzat, S.M.; Nagdi Z.A. and Elgmmal M.A. (2005): Replacement of fish meal by *Spirulina platensis* in fish diet for *Oreochromis niloticus*. *Egypt.J. Appl.Sci.* 20(3):62-73.
- Ibrahim, N. A. and Z. A. Nagdi. (2006:) Effect of nitrogen fertilizer source on water quality and performance of two tilapia species. *Egypt. J. of Appl. Sci.*, 21 (6)
- Abdalla, M.I.; Abd Elhalim A.S.; Abd Elhakim,N.;Nagdi, Z.A. and El-Nagaway,A.(2006): Effect of applying agricultural by-products as a fertilizer on

freshwater fish ponds quality. Egypt. J. of Agr. Res., Spec. Iss. The 1st Scientific Conference of Central Lab. for Aquaculture Research. vol.84, no. (1).

- El-Dahhar, A.A.; Nagdi, Z.A., Amer, T.N and Ahmed, M. (2006): Effect of dietary protein and stocking rations of striped mullet and Nile tilapia in polyculture system in net enclosure on growth performance and feed utilization. J. of the Arabian Aquaculture Society, vol. 1 no.2, Dec.2006.

-El-Dahhar A.A.; Nagdi Z.A. and El-Tawil N.E. (2007): Effect of different types and rates of fertilizers, combined with supplemental feeding on fish performance, feed efficiency and total yield of Nile tilapia. J. of the Arabian Aquaculture society, vol. 2 no 1 June 2007.

- Shehata, M.Y.; Mohamed, I.M.; Nagdi, Z.A. and Wafeek, M. (2008): A biochemical and limnological study on tilapia zillii Timsah lake in Ismailia. Egypt. Abbassa Int. J. for Aquac. Spec. Iss. The 2nd Scientific conference of Central Lab. For Aquaculture Research. 13-14 January 2008.

-Sitohy, M. Z.; Eitah, A. M. A.; Nagdy, Z. A.; Shalaby, N. I.; Al-Nagaawy, A. M. (2009): Chemical and natural substances used for Cu and Pb removal from water and their influence on both elements residues in fish organs. Proceedings of the 2nd Global Fisheries and Aquaculture Research Conference, Cairo International Convention Center, 24-26 October, 2009 pp. 53-72.

Scientific Papers Published in Russian Language:

Salnekof U. and Nagdi Z.A. (1991): Some problems of fisheries and aquaculture in Egypt. Astrakhan Inst. J.

Salnekof, U. and Nagdi, Z.A. (1991): Some fertilization system and its effect on water quality and fish production. Annual Conference Astrakhan Inst.

Scientific Research Reviewer Committee for journals:

1-Abbassa International Journal for Aquaculture, publish by Egyptian Society for Water, Aquaculture and Environment.

2-Journal of the Arab Aquaculture Society published by The Arab Aquaculture Society.

3- Egyptian Journal for Aquaculture, published by Blue Resources for Aquaculture, Environment and Society Development.

Conferences

1- Conference Secretary General, the 1st Scientific Conference, entitled "On Modern Attitudes in Aquaculture", 13-15 December, 2006.

2- Vice chairman, organizing Committee and Scientific Research Reviewers Committee the 1st Scientific Conference, 13-15 December, 2006.

3- A Scientific member of Aquatic Biology committee, The International Arab African Fish Resources Conference and Expiation co located with the 11th Conference

of the Egyptian Society for the Development of Fisheries Resources and Human Health, 28-30 June 2007

4-A Member of the organizing committee and the scientific board, The International Arab African Fish Resources Conference and Exhibition co located with the 11th Conference of the Egyptian Society for the Development of Fisheries Resources and Human Health, 28-30 June 2007

5- A Scientific committee member for dissection Aquaculture Strategy for Egypt: developing the next stage, Cairo May 6-7th 2007.

6-Vice chairman of the organizing committee of the 2nd Scientific Conference under the title "Sustainable development of aquaculture" Guest house of Ain Shams University, 13-14 January 2008.

7- Conference Secretary General, 2nd Scientific Conference under the title "The Sustainable development of aquaculture" Guest house of Ain Shams University, 13-14 January 2008.

8- A member of the Technical Organization Committee, the 8th international Symposium on Tilapia in Aquaculture (ISTA 8), Egypt 12-14/10/2008.

9- A member of the Scientific Committee for the Fish Research Conference, 24-26 October 2009, Global Fisheries and aquaculture, Research Conference and Exhibition,.

10- Chief, Health and Fish Environment committee. The Scientific Conference for Aquaculture, under the title "Fisheries and their role in achieving food security" Central Lab. for Aquaculture Research, 17-18 October 2010.

Research Projects

1-Collaborative Research Support Program (CRSP) PD/Aquaculture funded by USAID. Researcher investigator executive, 1992-1995.

2- Soil Amendment in Fish Farming funded by National Agriculture Research Program (NARP), with cooperation with faculty of agriculture – soil dept. El-Azhar University, Researcher Investigator Executive, 1992-1994.

3-Biological Treatment for El-Manzala Lake Project funded by the United Nation Program Development, Researcher Investigator Executive, 1993-1994.

3-Environmental Perspective of Port Said Area Project funded by the European Union, Researcher Executive Assistant for the sub-project the ecosystem of EL-Manzala Lake, 2005-2007.

4-Mediterranean Network of sustainable Small-Scale Fishing Communities Project, Euro- Mediterranean Observatory, Nov. 2012 - Nov. 2014.

5- Management of Water and Salinity in the Nile Delta Project with the Australian Government, 2012-2016.

6- Utilization of Fish Farm Earthen Ponds in Wheat Cultivation Project, Chief of CLAR team, in Cooperation with CLAR, SWRI and FCRI, 2012-2014.

Lecturer in training courses and extension work and role in the implementation of the labs and prepare for visits

1-Lecturer in the training session of the General Authority for Fish Resources Development under the title "multiple fertilizer systems for tilapia fish farming basins dirt, 1995.

2-Lecturer in scientific symposium at the General Authority for Fish Resources Development, under the title "soil improvers and their impact on water quality and fish production", 1995.

3-Lecturer in the training course for fish farmers and agricultural extension workers in Eastern and Ismailia governorates. Belbeis Training Center, in the field of water quality and agricultural cages 1999.

4-Lecturer in the workshop in the field of water quality under the title "The role of natural and artificial food in aquaculture, Held in Fayoum Governorate, June 1999. (Multi-sector Support Program)..

5-Lecturer in the training course for agents in the field of aquaculture in the Arab countries, the Arab Organization for Agricultural Development (IFAD).

6-Lecturer in the training course in the field of production of warm-water fish that carried out by Egyptian International Center for Agriculture in cooperation with the Japan International Cooperation Agency and the Egyptian Fund for Technical Cooperation with African CFA from 2005-2012, entitled" Factors Controlling Water Quality."

7 -Lecturer in the training course for workers in the field of aquaculture, to envoys African countries - Asia and Latin America, from 1993-2012, organized by the Egyptian International Center for Agriculture (EICA), in the field of "water quality and management of fish ponds".

Lecturer in training courses Central Laboratory for Aquaculture Research

1-Training course "Intensive aquaculture", February 1999.

2-Training Course "Development and protection of natural water resources", May-June, 1998.

3-Training Course "The breeding, rearing and cultivation of carp and mullet", January, 1999.-

4- Training Course "Ecology and Biology of farmed fish" May – June, 1999.

5- Training Course "Fish processing and quality control" under titled "Changes in water qualities and their relationship to the quality of fish", November-December 2004.

Lecturer of the training Courses of the General Authority for Fish Resource Development - (GAFRD), Training Center in Alexandria.

- Lecturer in the training course "Microbiology of marine water" in title "Technology phytoplankton and zooplankton cultivation, February 2004.

- Lecturer in the training course "Marine Aquaculture" water quality and water quality management of fish ponds, January 2011.

Extension work

-Supervision the development of aquaculture in Dakahlia Governorate - Sherbin , within the research teams at the administrative level in the governorates 2002-2005.
-Participation technical consultancy to solve the problems of farmers in the private sector in the field of soil, water and natural food, fertilizer programs and evaluate analysis of natural water and soil, through the membership of the Technical Committee of the productivity unit.

Role in the implementation of the labs

- Participation installation and operation of meteorological station lab in 1992-
-Establish the soil analysis laboratory in 1993.
-Participate in the design development team for the phytoplankton and zooplankton lab, 1994.
-Participation in set up process for CLAR in different stages to turn it to the International Center for Fish 1995.
-Participate in the development of scientific and research projects submitted to the European Common Market and the Academy of Scientific Research and the Japanese side, Malaysian and Turkish 1995, 1996.
Participation to re-establish and operate research laboratories of the Central Laboratory new headquarters 1998.
-Participation in the preparation and processing of wet lab and the preparation and processing of natural food production plant 1998-1999.

Practical training for university students

- Supervision the implementation of the clinical training program and practices for the 4th year students Faculty of Veterinary Medicine, Cairo University in the field of aquaculture and fish hatchery industrial and semi industrial the d for different types of fish, July 2002.
- Participation in summer practical training for students of the Animal Production Department, Agriculture Faculty, Al Azhar University in the field of chemical and biological analyzes of water and the fertilizer management programs for fish ponds, July 2002.
- Participation in practical training for students of fish production department, Faculty of Agriculture, Ain Shams University in November 2003.

Obtained training courses

-English language training course - American University in 1992.
-A training course on the development of zooplankton, Virginia Institute of Marine Science, the United States of America January-February 1994.
-A training course "scientific writing for project, National Agricultural Research Project (NARP), 1994.
-Computer Courses, in The Canadian Centre, (CEMARP), 1995.
-A training course on the devices of organic carbon, amino acid analysis, Central Laboratory for Aquaculture Research (CLAR), 1995.

- Experts system introductory training course in 1996 and Advanced one in 1999, Central Laboratory for Experts Systems (CLES).
- English language training course, American University in Cairo, April-Jun, 2000.
- A training course "Introduction to the Internet" 2001, Research unit and the development of expert systems, Central Laboratory for Experts Systems (CLES).

Participation in Seminars, Workshops and Conferences

- Second Arab Conference on "Planning and development of farmed fish and crustaceans in the Arab world," Arab Union of Fish Producers, Iraq, 1989.
- Third Arab Conference; planning and development of farmed fish and crustaceans in the Arab world, "Arab Union of Fish Producers, Syria, 1993.
- The annual conference of the project Pond Dynamics, United State Hawaii, 1994.
- Southern Rural Sociological Association annual conference of the Association, January-February 1996.
- Fourth Conference "The planning and development of farmed fish and crustaceans in Arab Countries, Arab Union of Fish Producers, Cairo 1995.
- Conference "Discuss the fourth five-year research plan 1997/1998-2001/2002, ARC, 30-31 July 1997.
- Second Scientific Conference "The role of science in the service of the Egyptian society and environment development" Faculty of Science, Benha branch, Zagazig University, October 1999.
- The First International Conference of Biological Sciences, Faculty of Science, Tanta University, May 2000.
- Fourth General Conference of the Research Council of Animal Resources and Fisheries, the Egyptian Center for Agriculture (Giza Governorate), November 2001.
- Conference on the integrated management of agricultural waste as an input to modernize Egypt "Egyptian Association for Research and Environmental Services, April 2002.
- Second Scientific Conference of the Faculty of Veterinary Medicine, University of the Suez Canal, Ismailia, October 2002.
- The first conference of the Egyptian Society for Aquaculture, in cooperation with the University of Suez Canal, under the title "Recent trends in aquaculture development and techniques in the Arab Republic of Egypt, 17 to 20 December 2002
- Annual Conference of the Egyptian Society of Agricultural Engineering, in cooperation with the Research Institute of Agricultural Engineering " minimize losses and maximize agricultural production," October 2003.
- International Conference on Fisheries and Food Security in the Arab and the Islamic countries, Al-Azhar University, Sheikh Saleh Kamel Center, October 2003.
- First International Conference, Division Veterinary Research "Recent trends for Livestock Development and Fisheries, the National Research Center , February 2004.
- Ninth Conference of Agricultural Development, Faculty of Agriculture, Ain Shams University, March 2004.
- Third International Conference of Biological Sciences, Faculty of Science, Tanta University, April 2004.
- Fisheries Development Conference in Egypt between the present and the future, Central Laboratory for Aquaculture Research, March 2005.
- Second Environmental Conference for Academic Society for Environmental Development About the Future Prospects of Development in Egypt and Environmental Challenges" guesthouse of Ain Shams University, May 2005.

-Third World Congress of fisheries research and aquaculture on global climate change and the challenges facing fisheries in conjunction with the Conference of aquaculture 2010 on the Blue Revolution and marine aquaculture and the future of food in the Arab World and supervise scientific of the Arab Society for Aquaculture sponsored the General Authority for Fish Resources Development, 1-2 December, 2010, Egyptian international Agriculture Center.

-Ninth Conference of the Scientific Assembly of the agricultural extension "The quality of research in the field of agricultural extension "vision for the future", 29-30 April 2009, the Institute of Agricultural Engineering.

-Seminar on ""scientific and technical culture in the Arab world," Academy of Scientific Research and Technology in collaboration with the Federation of Arab Scientific Research Councils, Cairo, December 2002.

-Seminar on "fish farming in Egypt between reality and the future," Al-Ahram newspaper in collaboration with the Egyptian Society for aquaculture, Cairo, March 2003.

-Scientific Symposium "The future of aquaculture in Kafr el-Sheikh, June 2, 2009 Agricultural Research Station Sakha, the Cooperative Association for fish culture in Kafr el-Sheikh.

-Scientific Symposium under the title "Update the feed industry and the future of feeding fish, 10 -11 June 2006, the Association of Mediterranean aquaculture and environmental protection in cooperation with the Faculty of Agriculture – El-Shatby, Alexandria University.

- Scientific Symposium on poultry waste treatment in fish feed, May 27, 2012 and hosted by - National Renderers Association.

-The workshop "bioremediation of Lake Manzala" Cairo July 1994.

-The workshop "achievements of the project National Agricultural Research –NARP, January 1995.

-The workshop "research plans of the International Center for aquatic – ACLARM, September 1995.

-The workshop "research achievements of the Central Laboratory for Aquaculture Research, January 2002.

-The workshop "Discuss the problems of fishermen and proposed solutions to stop fishing period May and June" Ismailia July 2004.

-Member of the Scientific Committee of the final report, "fishing and water sources" under the National Water Resources Plan issued by the Ministry of Works and Water Resources in collaboration with the Ministry of Foreign Affairs November Netherland, 1999.

-Member of the Committee on Development bitter Lakes and Gulf of Suez - General Authority for Fish Resources Development, 2004-2005.

Administrative and scientific activity

-Member of the check official papers applicants for the position of Research Assistant, Central Laboratory for Fisheries Research, March 1999.

-Associate the eighth Scientific Meeting for minute devices in the field of "protecting the environment from pollution," Academy of Scientific Research and Technology, April 2000.

-Member of the committee preparing the updated data and add the new activities and achievements to of a bulletin guide of ARC, January 2001.

- Member of the preparation of the technical achievements of the research plan, for the period from July 2001 to December 2001.
- Chairman of the Commission to identify the basic price to lease 286 acres basins, fish farm productivity unit of CLAR, October 2001.
- Head of Physiological and Fish hatchery, in addition to Head of Limnology department, December 2001 - December 2002.
- Member of the committee "review and study the needed laboratory equipment supplies for CLAR, funded by the National Project for Agricultural Research NARP ,January 2002.
- Member of the committee preparing for the visit of the Chinese delegation in the field of marine aquaculture (mariculture), March 2002.
- Preparation a bulletin for CLAR collecting the scientific papers issued for the Third General Conference of the Agricultural Research Center, May 2002.
- Member of the Committee submit research proposals to submit to the Committee Egyptian- Uzbek for the economic cooperation, scientific and technical May 2002.
- Chairman of the Technical Committee for screening contained computers to CLAR, June 2002.
- Chairman of the Committee on the nomination of the members of the lab for post training course "artificial spawning for fish and crustaceans" Agricultural Sciences and Environmental College with the Arab Organization for Agricultural Development, July 2002.
- Member of the Committee set up a research project between Egypt and Poland - European Cooperation Department, September 2002.
- Member of the Committee to an applied research project "Assessment of agricultural waste as fertilizer on fish farms - Regional Council for Research and Extension in eastern Nile Delta and Sinai, September 2002.
- Member of the Committee modification situation of some CLAR research members and their assistants lab., September 2003.
- Member of the Committee on the preparation of a research project proposal submitted to the Canadian International Development Agency donor to FAO to support the programs of fish farms and forests in some developing countries, October 2003.
- Member of the committee preparing the proposed medium-term projects submitted as part of an initiative the development of the African continent – NEPAD, December 2003.
- Member of the Advisory Committee to evaluate the CLAR aquaculture scientific output to help lab consultants, July 2004.
- Member of the evaluation official document applicants for research positions (Research Assistant - Research Assistant) for internal announcement Agricultural Research Center, 2007.
- Member of the Committee re-updated criteria for the selection of the research staff members and their assistants to foreign missions, May 2008.
- Member of the committee search position working in fine instrumentation laboratory and renew affiliated connection to their research departments, April 2009.
- Member of the review and evaluation the scientific papers for CLAR researches and their assistances before publishing in scientific journals to improve the quality of research, August 2009.
- Member of the screening and selection committee of applicants for the position of (Researcher Assistant - Research Assistant) October 2010.

- Propose three research projects to the donor: :Science and Technology Development Fund (STDF),2010:
- Maximization of Fish Production from Integrated Rice-Fish Cultures in Egypt
- Agricultural by-products Proper Use for Enriching Fish production
- Water Quality Enhancement for Fish Farming.
- Member of the Committee investigation of the student complaint at the University of the Suez Canal with a member of the CLAR, January 2010.
- Sharing to propose a research project "Preliminary Studies on Nile crocodile (rocodylus niloticus) in Egypt", 2012.
- Chairman of the Committee on "Ways and mechanisms for the implementation of the strategy of sustainable agricultural development 2030""fisheries sector", September 2012.

Supervision of the Theses

The ended Doctoral Theses

- Ph.D. under the title "The Impact of vaccination phytoplankton (*Chlorella vulgaris* and *scenedesmus*) on the quality of water for tilapia using urea and superphosphate (2001) Faculty of Agriculture, Department of Animal Production, Cairo University.
- Ph.D. under the title "Some environmental responses - physiological male Nile tilapia thermal and salinity conditions (2001), College of Agriculture, Department of Animal Production, Cairo University.
- Ph.D. under the title "The impact of the use of agricultural waste as fertilizer in fish ponds on the performance of the fish and the aquatic environment (2004), the Institute of Environmental Studies and Research, Ain Shams University.
- Ph.D. titled "Microbiological and Biochemical studies on tilapia zillii under different environmental conditions (2004), College of Veterinary Medicine, Department of bio-chemistry, University of Zagazig.
- Ph.D. titled "Microbiological studies oh fish (2005), Faculty of Science, Department of Botany, Zagazig University.
- Ph.D. under the title "fertilization and nutrition studies on the performance of fish (2006), College of Agriculture - Saba Pasha - specialty fish production - Alexandria University.
- Ph.D. titled "Use of liquid fertilizers for food production and its impact on the natural growth of fish (2007), College of Agriculture - Saba Pasha - Alexandria University.
- Ph.D. under the title "Texocological studies on fish and its relationship to water quality (2007), College of Agriculture, Zagazig University.
- Ph.D. entitled, "Chemical and natural treatment to improve the quality of the aquatic environment and nutrients for fish farm", (2008), College of Agriculture, Department of Agricultural Biochemistry, Zagazig University.
- Ph.D. entitled "Production of antimicrobial of cyanobacteria isolated from fresh water" (2012), Faculty of Science, Benha University.

A scientific supervisory committee for Master Degree Theses

- 1- Master's thesis under the title "The impact of multiple chemical fertilizers added in high concentrations on the productivity of fish (1997), College of Agriculture, Department of Animal Production, Cairo University.
- 2- Master's thesis under the title "Limnological studies on concentrated organic fertilizer on environmental production for fish (1997) Faculty of Agriculture, Department of Animal Production, Cairo University.

- 3- Master's thesis under the title "A study of environmental factors affecting the fish production in some fish farms in the Delta (2000), the Institute of Researches and Environmental Studies , Ain Shams University.
- 4- Master's thesis under the title "Development of zooplankton and used it in Nile tilapia feeding (2000) Faculty of Science, Ain Shams University.
- 5- Master's thesis titled "Microbiological studies on soil, water and fish in fish ponds (2000) Faculty of Science, Tanta University.
- 6- Master's thesis titled "Biochemical study on freshwater fish under conditions of environmental pollution (2001) Faculty of Veterinary Medicine, Department of biochemistry - Zagazig University.
- 7- Master's thesis under title "Effect of feeding rate on the performance of tilapia and common carp rearing in concrete tanks" (2002) Faculty of Agriculture, Department of Animal Production, Al-Azhar University.
- 8- Master's thesis titled "Field and laboratory studies on the effect of some fertilizers and pollutants on the zooplankton community in Abbassa fish farm" (2002) Faculty of Science, Tanta University.
- 9- Master's thesis titled "Studies on the fish feeding in polyculture systems "(2000) Faculty of Agriculture, Saba Pasha fish production section of Alexandria University.
- 10- Master's thesis titled "Ecological studies on some used programs in aquaculture (2003) Institute of Environmental Studies and Research, Ain Shams University.
- 11- Master's thesis under the title " 2012 Faculty of Science, Benha University.

The ongoing Supervision of PhD and Master Theses

- 1- Ph.D. dissertation, entitled "The Impact of using Humax as a probiotics with different levels of protein in fish diets on water quality and production performance of tilapia and common carp under Egyptian conditions", Faculty of Agriculture, Ain Shams University..
- 2- Ph.D. dissertation, entitled "Effect of different feeding strategies on water quality and fish performance", Faculty of Agriculture - Saba Pasha - Alexandria University.

Member of Discussion and judgment committees:

- 1- Member of the judging panel and the discussion, M.Sc. thesis for the student Najla Ismail Shalabi - Faculty of Agriculture - Department of Agricultural Biochemistry - Zagazig University, June 2000.
- 2- Member of the judging panel and the discussion on the Ph.D. thesis for the student Mostafa abd Elmohsen - Faculty of Sciences - Department of Botany (Microbiology) Zagazig University, March 2005.
- 3- Member of the judging panel and the discussion on the doctoral thesis of the student Yasser Thabet - Faculty of Agriculture - Saba Pasha - Alexandria University, March 2005.
- Member of the committee debate and judging panel on the Master student Ahmed Shalaby - Faculty of Sciences - Department of Botany - Benha University, 2007. Under the title "A study of some environmental factors and their impact on changes microbiological water quality for fish farming"
- Member of the committee debate and judge the master's thesis Islam Mohammed Mohamed Morshedy - Faculty of Agriculture - Saba Pasha - fish production depart. - Alexandria University, 2010. Entitled "Using algae and seaweed in marine fish larvae feed.
- Member of the committee discussion and judging on a Master's thesis for the student Doaa Khalf Khamis - Institute of Studies and Environmental Research - Ain Shams

- University, 2009 under the title "The impact of environmental conditions and food on the productivity and quality of meat fish catfish. "
- Member of the judging panel and the discussion on the doctoral thesis of the student Yasser Mustafa Thabet, Faculty of Agriculture Saba Pasha, Alexandria University, March 2005.
 - Member of the judging panel and the discussion on the doctoral thesis of the student Nader Izzat - Faculty of Agriculture - Saba Pasha - specialty fish production - Alexandria University 2006, under the title "fertilization and nutrition studies on the performance of fish."
 - Member of the Committee for discussion and judgment on the doctoral thesis of the student Talaat Naji Amer - Faculty of Agriculture - Saba Pasha - Alexandria University, 2007. Under the title "use of liquid fertilizers for food production and its impact on the natural growth of the fish.
 - Member of the judging panel and the discussion of a Master of Islam Morshedy - Faculty of Agriculture - Saba Pasha - Alexandria University under the title: The use of algae and seaweed in marine fish larvae feed, 2010 ..
 - Member of the judging panel and the discussion of a Master student Joseph Grana Faculty of Agriculture Saba Basha Alexandria University, 2012
 - Member of the qualifying exam for the student Rania ElSaïad - Faculty of Agriculture - Tanta University 2008.
 - Member of the qualifying exam for the student Shaima ElSaïed - Faculty of Agriculture - Cairo University, 2009.
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- Abbassa International Journal for Aquaculture
- Journal of the Arab Society for aquaculture
- Journal of the Faculty of Agriculture, Zagazig University for Agricultural Research
- Egyptian Journal of Aquaculture

Union membership and associations

- Chairman of the Board Association, Board of Blue Resources for aquaculture , environment and Society Development, 2010.
- Vice-President of the Board of Directors of the Egyptian Society for Water, Fisheries and the Environment, 2007 -2008.
- Member of the Egyptian Association for the Development of Fisheries and human health.
- 4- Member of the Association of Mediterranean aquaculture and environmental protection.
- 5- Member of the Board of Directors, production unit, Central Laboratory for Fish Research (CLAR).

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