



Personal information

Name : Ayman Anwar Mohamed Ammar
Nationality : Egyptian
Birth date : 15, November, 1959
Birth place : Giza
Marital status : marriage
Military service : Completed
Address : 41 Mohamed Mosa Street- 12111, Awel Fesal, Giza – Egypt
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Current job : Professor Doctor and Head Department in Aquaculture
Profession : Aquaculture specialist
Present employer : Professor in Abbassa, Central Laboratory for Aquaculture Research

Current job:

2012- to Date Head the Aquaculture Department. Abbassa, Central Laboratory for Aquaculture Research

2004- to Date Abbassa, Central Laboratory for Aquaculture Research, Professor Doctor, Aquaculture Department. My responsibilities were: Planning, design and monitoring applied research in aquaculture mainly for increase fish production.

2002- to Date Technical consultant to Dar ElGoda Company (Privet Company).

2006- to Date Technical consultant to Fayoum Fish Farm Association.

2012- to Date Member the board unit fish production (fish farm), in the Central Laboratory for aquaculture (CLAR).

Key qualifications:

- Research in aquaculture sector.
- Feasibility studies for all aspects of aquaculture sector (Fresh and Marine Farm, Feed Mill...Etc.).
- Consultant and Management in All activity in aquaculture sector.
- Monitor and evaluation in Aquaculture, Agriculture and Environmental sector.
- Tilapia Hatcheries and production.
- Mullet production.
- Marine fish production, Hatcheries and growing (Sea Bream, Sea Bass and Meagre)
- Shrimp Hatcheries and production.
- Promotion and market for aquaculture and agriculture sector
- Loan Assessments
- Loan and project monitoring and evaluation
- Lake Nasser development and surrounding area
- Post harvest management for aquaculture and agriculture product

Experience:

2013	Counterpart to PUM Netherlands Senior Expert. (GLOBALG.A.P. AQUACULTURE).
2009-2011	Agricultural Research and Development fund (ARDF).
2004- 2009	Agricultural Sector Development Programme (ASDP).
2006	Technical consultant to ARAB EGYPTIAN COMPANY from 1/11/2006 to 31/12/2008.
2005	Post-Doctoral fellowship at the Worldfish Center on “the status of rice fish culture in Egypt and its potential in enhancing fish production”.
1997 – 2004	Multi-Sector Support Program, the European Commission in Cairo, as Aquaculture Monitor. MSSP is a credit line program funded by the Europe Commute provide soft loan to promote agriculture to support Governments efforts to increase income and job opportunities for food production in 4 sectors (Aquaculture, Horticulture, Irrigation and

Poultry). The credit line finances all aspect of aquaculture such as hatcheries (fresh and marine), fish farm, feed mills and fishes processing and marketing. Our activities include both fresh water and marine fish species.

My responsibility includes the following;

- Further developmental, support and training activates towards potential clients and bank branches to cover all target groups in selected Governorates.
- Direct promotion towards potential clients identified through organizations, cooperatives, associations and societies to enlarge demand for credit line.
- Accelerate implementation of Governorate based Cooperative Promotion Programme.
- Complete Technical Training Programme to create a minimum core of clients and potential clients trained in improved production methods in specific sub-sectors.
- Identify farms and entrepreneurs who have difficulty in financing their project; Monitoring loan applications and assisting applicants to submit their application to the banks; Monitoring the applicants during the implementation phase of their project and reporting on that; Evaluating projects after implementation to find out if the project contributed to promote agriculture activity in the country or not.
- Collaboration with PMU Financial Department.
- Collaboration with Field Monitors and bank technical staff and loan officers.
- Completion of schedule on growing demonstration programme includes establishing remaining demo plots and organizing periodic field days in collaboration with relevant organizations.
- Target technical advice, training and demonstration activities towards clients and potential clients.
- Promote the programme through surveys, visits, meetings and specialized training workshops.

- 1995-1997 Abbassa, Central Laboratory for aquaculture research, Researcher, Aquaculture Department. My responsibilities were: Planning, design and monitoring applied research in aquaculture mainly for increase fish production.
- 1984-1995 Cairo, General Authority Fish Resources Development, aquaculture Specialist, Specialist in aquaculture, Limnology (water and soil analysis), all this work with governmental farm and hatchery, Manager- studying the possibility and validity of proposed projects of fish farms. Reviewing the design of the proposed project and revise it from the different aspects (technical, legal...Etc.). Submitting a report includes remarks on the proposed project. Conducting some field visits for studding the different aspects of fish farming (e.g. water deep, water currents, width of water course, the possible overlapping with shipping ways and the possibility to avoid it) in order to determining some legal aspects related to fish farming such as cage size, net cage size, stock density.- following up any complains related to fish in the area of my responsibility and talking to required procedures to save it. Cages culture in Cairo (Madi Area), Responsible for giving license to cage culture (after technical inspection to site selection and water quality...Etc.) allover the Egypt, Tilapia hatchery for produce Mono sex fry, Water analysis and fish diseases.

Membership of professional bodies:

- A. Egyptian Agribusiness Association (EAGA).
- B. European Aquaculture association.
- C. Egyptian Aquaculture association.
- D. Ministry of Economic Affairs (Commodity Council).
- E. Syndicate of Veterinarian.

Achievements and short missions:

- 2013 Visibility study in intensive fish farm at the El Nozha airport near Alexandria city owned for Fisheries and Instrument Company.
- 2013 Workshop in Integrated Aquaculture, CLAR, 18/09/2013.
- 2013 Visibility study to marine fish farm at the Shata area in Damietta, owned by production sector in ministry agriculture.
- 2013 Germany visit Metro Cash and Carry fish platform and Metro Cash & Carry Store, 22/4 to 24/4.
- 2013 Study How to manage and establishment marine fish farm on 10000 feddan in North Kafer El Sheikh.
- 2010 Visibility study to Privet Company, marine fish farm in Bar Bahri region in north Kafer ElSheikh governorat, may 2010.
- 2007 Coordinator the technical agreement between the Central Laboratory for Aquaculture Research (CLAR) and Fayoum Fish Farm Association.
- 2009 Study to culturing the white shrimp (*P. Vannamei*) in Egypt. Egyptian fish counsel. 2009.
- 2006 Head the aquaculture department in CLAR
- 2004 Study to evaluate the intensive military farm in Tal Al Kapir. November 2004.
- 2004 Economical evaluation to over wintering tilapia in Manzal fish farm.
- 2003 field Researcher; fish Products for the Implementation phase of SME investment opportunities and job creation at the Canal Zone project, which funded by the Japan International Cooperation agency, From 13 April – to 23 April.
- 2003 Site survey, organizer, consultant and designer to 7000 Feddan marine fish farm for unemployed youngest in Damietta governorate at Mediterranean Sea.
- 2001 Site survey, feasibility study, consultant, designer and technical manager for Marine fish farm (Sea bass, Sea bream and shrimp) on 1000 fed. In Auon Mosa area (I select site in north Suez Golf for Egyptian and China group.
- 2001 – to date Planning, consultant, designer and technical manager for Wady El Rayan company in Wady El Rayan project (environmental

- zone). Till now managing 35 fish farm, in total area about 400 fed. We are culturing Tilapia and Mullet in earth ponds. We are produce 4 tons/fed.
- 2001 Site survey and feasibility study for shrimp farm, Yemen – Aden, Al Mabroka, Consultant, the project estimated production 2 ton/fed./year on 200 fed. addition hatchery with a capacity of 40 millions PL/year. I select site in Yemen, west Adan City by 40 Km.
- 1997 – to 2001 Technical Consultant for Fayoum Fish Farm Association (FFFA) to Establish Semi intensive fish farm in Wady Al Rayan area (1300 Fed.).
- 2000 Evaluation Technical Report No.6 for National Water Resources Plan for Egypt (NWRP), Cairo, June 2000.
- 2000 Consultant, Site survey and feasibility study for shrimp Project 2ton/fed./year on 1000 fed. hatchery with a capacity of 140 millions PL/year and feed mill (I select site in south Marsa Alam City by 70 Km Egypt-Marsa Alam, Oriental weavers.
- 1995 Participating in planning Committee in General Authority Fish Resources Development (GAFRD) for fish production (Aquaculture and fishery) in Egypt from 1998 to 2013.
- 1995 Technical planner, organizer for site selection, I put technical condition for Al Salam Canal Cage culture project (300 Cages).GAFRD.
- 1995 Consultant, Evaluation of the suitability of the sedimentation ponds along the Suez Canal for fish production. The Suez Canal organizations have 30 ponds (30000 Fed. Size) used for deeping Suez Canal short time every 5 years, for using these ponds in aquaculture in rest time. Ismailia, Suez Canal organization.
- 1995 Evaluation of Siganos, Bream and Bass cage culture. Ismailia, GAFRD, Aquacultures.
- 1988 Mullet Fry Transportation and Acclimatization from Damietta to three Fayoum Lakes (Qaron, Wadi Al Rayan Lakes) in Dutch Project. Fayoum, GAFRD, Aquacultures.
- 1987 – 1988 Tilapia cage culture in the Nile, Cairo, GAFRD, Manager.

Education and Training Events:**Education:**

- 1990 – 1994 **Ph.D.** in Agriculture- Animal production, Moscow Agriculture Academy, USSR. Thesis title: “The effect of different Densities and different feeding levels on cultivation the Tilapia and the Carp in cages and Basins”.
- 1988 – 1990 **M.Sc.** in Ichthyology and fish breeding, Astrakhan Technical Institute Fisheries, USSR. Thesis title: “Tilapia Cultivated in Cages of ARE”.
- 1988 – 1994 **Diploma** is granted the right to teach the Russian language at courses and circles of Russian.
- 1987 – 1988 **Diploma** of fish disease, Veterinary Faculty, Cairo University.
- 1979 – 1983 **B.Sc.**, Veterinary Faculty, Cairo University.

Training Courses:**Training attended:**

- 2011 ICDL. International Computer Driving Licence. 2011
- 2010 ICDL, national level, 2010.
- 2010 Training course in TOEFL 2010.
- 1999 Monitoring and Evaluation for Practitioners and Managers, University of East Anglia, Norwich England, eight weeks in:
- M&E in the project cycle, M&E: Lessons and learning, Lessons and Learning: discussion of participant's experiences.
 - Data analysis: means, modes and medians, deviation and variability, Discussions with individuals on personal projects.
 - Introduction to Management Information Systems (MIS), MIS on the World Wide Web (WWW): workshop, more examples on MIS on the WWW. Developing an MIS using Soft Systems Methodology: 1. Developing as MIS using Soft Systems Methodology: 2. Developing a change policy for MIS, Total Quality Management and Business Process Re-engineering for MIS.
 - Logical Frameworks, Logical Frameworks workshop.

- Data analysis, Probability, Data analysis, sample statistics, Data analysis, probability workshop.
- Qualitative methods, Sampling methods workshop, Sampling methods plenary.
- Sample size, Sample size workshop, and sample size plenary.
- Sample size, Sample size workshop, and Sample size plenary.
- Questionnaires plenary, Questionnaires workshop, Questionnaires plenary.
- Designing Household Recording Formats (HRF), HRF workshop, HRF plenary.
- Designing M&E systems.
- Participatory methods.
- Hypothesis testing, Hypothesis testing workshop, Hypothesis testing workshop plenary.
- Planning and management of fieldwork, Fieldwork planning workshop, Fieldwork planning workshop plenary.
- Quality control, Quality control workshop, Quality control workshop plenary.
- Writing the manual, Reporting.
- Impact evaluation, Impact evaluation workshop, and Impact evaluation workshop plenary.

1999 British Council, Cairo, Business Communication Unit, Report Writing for Business.

1998 The British Council, Cairo, Conversation for the Business World.

1998 Feasibility Studies and project evaluation, International Expertise Association, Cairo, eight weeks in:

- Project Feasibility Studies, Project cycle.
- Marketing.
- Credit and its types
- Collaterals
- Elements of loan analysis and the feasibility of the projects.
- Credit risks.
- Assets conversion cycle.

- Loan procedures mechanism.
 - The comprehensive credit study.
 - The debit interest calculations.
- 1998 IBM, Windows 95, Excel, Word and Access.
- 1996 Ministry of Agriculture, Expert systems.
- 1985 Maryut Fish Farm, Alexandria, Tilapia Hatching Techniques.
- 1985 Faculty of Veterinary Medicine, Cairo University, Fish pathology and diseases.

Training Provided:

- 2013 lecture in, Effect of water quality on Fish Pond Management in training course Management of Water and Salinity in the Nile Delta, Kafer El sheik, 21/11/2013.
- 2013 Presentation under the title, fish production and aquacultures in Egypt in workshop the role of Central Laboratory for Aquaculture Research in Development of the Aquaculture Industry and the Cooperation opportunities with other Institutes and EU for Funding Projects, wed. 15 May 2013.
- 2013 Workshop in, Product quality and food safety throughout the Egyptian Aquaculture supply chain. Four Seasons First Residence (Giza) Wednesday, September 4th 2013
- 2013 Speaker in workshop Sustainability fish development, kafer El shieh Government, 13/1/2013.
- 2012 Aquatic Feed Technology Seminar, lecture Extruded feed application in Egypt, Moevenpick Hotel, Pyramid, Tuesday, December 11, 2012.
- 2012 Tilapia hatching and production for trainers from Gaza sector, Central Laboratory for Aquaculture Research, 24/6 to 5/7/2012.
- 2012 Embassy of the kingdom of the Netherlands, Introduction of the PMU Senior Expert Programme to representatives of the Egyptian Aquaculture Sector, Sunday 18 March 2012.
- 2012 Aquaculture technology training course, Central Laboratory for Aquaculture Research (CLAR), 5- 23/2/2012.
- 2012 EU – AFD Programme to Support Agriculture SMEs in Egypt. 29 January 2012.

- 2009 Seminar in Possibilities for Integrated Fish Farming in Egypt, EAGA, 23/11/2009.
- 2009 Workshop in monosex production and effect in farm production, Egyptian Union of Fishermen cooperatives, 12/10/2009.
- 2009 Seminar Aquaculture Future in Kafer El shiek, 2/6/2009.
- 2009 lecture in Aquaculture Technology training course, 5 to 22/4/2009.
- 2009 Seminar Import Fish and Public Health, Veterinary Faculty, Banha University, 8/4/2009.
- 2009 Seminar Future Aquaculture in Mosalas Deba Dametta, Academy of Scientific Research & Technology, 1/4/2009.
- 2009 Seminar in investment in aquaculture... produces tilapia to export, veterinary faculty, Alexandria University, 11/3/2009.
- 2008 lecture in Shrimp culture, General Authority Fish Resources Development, 20-25/12/2008.
- 2008 Coordination to Patrik keiven, American student from 29/6 to 3/7/2008
- 2008 Seminar, Economical and technical view on aquaculture in Egypt, 9/4/2008 agriculture faculty, Al Azher University.
- 2008 ASA-IM “ Extrusion Conference”, American Soybean association, Grand Hyatt Cairo, 15 – 16/3/2008.
- 2007 Seminar, Aquaculture Sustainability and Export Development, Marriott hotel, 1-2 September 2007.
- 2006 Workshop future plan in aquaculture sector, EAGA, Al En Soxhna, 13-15/9/2006
- 2006 Seminar on Fish nutrition in Cairo, Egypt, on June 18 and 19, 2006, American Soybean Association.
- 2006 Fish sector and marine production (chances and destruction), 25/05/2006, Egyptian Agribusiness Association (EAGA).
- 2006 “Marine Shrimp Symposium”, Ain Shams University, Animal production, Fish counsel, 17/5/2006.
- 2005 Seminar for Marine Shrimp farm development in Egypt, CLAR, 14/5/2005. CLAR.
- 2005 May, workshop in ASA Fish Nutrition Seminar, Thursday May 05/2005. Four Seasons Hotel, Cairo at Nile Plaza.

- 2005 February, Conference Aquaculture Development now and future in Egypt. 27/2/2005. Central Laboratory Aquaculture Research (CLAR).
- 2004 November, International conference to enhance the economic relation between Mediterranean Sea country, Conference Hull Arabian Union and Conference Hull Cairo University, 20-22/11/2004.
- 2004 Seminar, "Aquaculture Development in Kafer Al Sheik", 25/8/2004.
- 2004 Seminar "Tilapia Fish Feed" ASA, 5/6/2004. Four Seasons Hotel, Cairo.
- 2004 Open day is designed to provide an introduction to the work of the worldFish Center and in particular our activities in Egypt, 25/5/2004.
- 2004 Reception to celebrate the successful completion of the Multi Sector Support Programme, 6th April 2004, Marriott hotel
- 2004 April, "Feed Processing Seminar", ASA, 5-6/4/2004. Four Seasons Hotel, Cairo At Nile Plaza.
- 2004 Development, production and export fish and marine Egyptian production, 25/03/2004, organized by Agriculture Commodity Council of Egypt.
- 2004 Ninth conference in Agriculture Development Research. 22-24/ 3/2004, organized by Faculty Agriculture, Ain Shamas University.
- 2004 Workshop, "Media Role in Development", 16/3/2004, paper "Visibility Marine Aquaculture in Kafer Al Sheih for unemployment".
- 2004 Training course" unordinary fish feed"25, 26/2/2004, organized by communication between World Fish Center and MSSP.
- 2004 Workshop in Fish Trading in Egypt, organizer and speaker, 24/2/2004 workshop organized by communication between World Fish Center and MSSP.
- 2004 Lecture "Fisheries and the Millennium Development Goals" by Dr. Meryl J. Williams, Director General of World Fish Center, CONRAD Hotel, 11/1/2004.
- 2003 Workshop in " Demand and Supply of Fish in Egypt", 16-17/12/2003 held in the CONRAD hotel, organized by World Fish Center
- 2003 Training course "Towards Sustainable Egyptian aquaculture", 14 to 16/10/2003, World Center.
- 2003 Field day, WADY RAYAN Fish Farm Intensification Demo-plot-Monitoring Growth Rates and Water Quality, 6 and 7/9/2003.

- European Seafood Exposition and Seafood Processing Europe, Brussels Exhibition & Conference Center. 2013.
- Fish production and economical role in Egypt, 17-18 October 2010.
- Global Fisheries & Aquaculture Research Conference, Cairo 24-26 October 2009.
- The eighth International Symposium on Tilapia in Aquaculture (ISTA V111) Egypt 12-14/10/2008.
- 3rd International conference of Environmental Research Division, Egypt 1-3 April, 2008.
- The 1st International Arab African Fish Resources Conference and Exhibition on Thursday 28th June 2007.
- The first conference in modern aquaculture, sherm el shik, 13-15 December 2006.
 - A. Aqua 2000 conference, 1-7 Mai, Nice, France.
 - B. Workshop "fisheries and water resources, 9 April 2001, Ministry of Water Resources and Irrigation.
 - C. The Regular Meeting of Arabian Fish Producers, Cairo, July 1995.

Publications:

- Ahmed M. Abel-Wahab, Ahmed M.E. El-Refae and Ayman A. Ammar. (2012). Effects of Humic Acid as Feed Additive in Improvement of Nonspecific Immune Response and Disease Resistance in Common Carp (*Cyprinus carpio*). Egyptian Journal for Aquaculture, Vol. 2 No.1: 83: 91, (2012), ISSN 2090-7877.
- Abdel-Hakim N. F.; Ayman. A. Ammar (2010). Effect of Catfish (*Clarias gariepinus*) stocking densities as predator on pond productivity of Nile Tilapia (*Oreochromis niloticus*) reared in earthen pond. Abbassa Int. J. Aqua. Special Issue, 79- 92 (2010).
- Amr M. Alnagaawy and Ayman A. Ammar (2010). Fermented compost application in earthen ponds and the resulted effect on water quality, phytoplankton population and fish yield. Abbassa Int.J. Aqua., Vol. 3 No. (1) 2010.

- **Ayman A. Ammar**.(2009) Effect of initial weight and stocking density on growth performance of mono-sex Tilapia reared in semi-intensive system. Egypt.J.Aquat.Biol.&Fish., Vol.13, No.2: 69-80 (2009), ISSN 1110-6131.
- Abdel-Hakim N. F.; **Ayman. A. Ammar** (2009). Effect of restricted feeding on growth performance and pond productivity of monosex Nile Tilapia (*Oreochromis niloticus*) reared in earthen ponds. Abbassa International Journal For Aquaculture, ISSN 1687-7683. Special Issue for Global Fisheries& Aquaculture Research Conference. 24-26 October (2009), pp 665-681.
- **AYMAN A. AMMAR** and AMR M. ALNAGAWY.(2009). EFFECT OF DIFFERENT APPLICATION FORM OF COMPOST ON GROWTH PERFORMANCE AND POND PRODUCTIVITY OF NILE TILAPIA (*OREOCHROMIS NILOTICUS*) REARED IN EARTHEN PONDS. J.Egypt. Acad.Soc. Environ. Develo., 10 (4): 1-11 (2009).
- **Ayman A. Ammar**.(2008) Effect of extruded and trash fish diet on growth performance and pond productivity of the Sea Bream (*Sparus aurata*), the Sea Bass (*Dicentrarchus labrax*) and the flat head Grey Mullet (*Mugil cephalus*)reared in polyculture system in earthen ponds. Egypt.J.Aquat.Biol.&Fish., Vol.12, No.1: 43-58 (2008), ISSN 1110-6131.
- Abdel-Hakim N. F.; **Ayman. A. Ammar** and A. S. Abd-Elgawad. (2008): Effect of initial stocking size and production cycle on growth performance of mono sex Tilapia reared in earthen ponds. 8th International Symposium on Tilapia in Aquaculture 12-14 /10 /2008, Vol. (1), pp. 255-269.
- **Ayman A. Ammar** A. S. Abd-Elgawad and A.A. Salama. (2008): Effect of extruded and non- extruded fish pellet on growth performance and total production of Nile tilapia and grey mullet fingerlings reared in a polyculture system in earthen ponds. 8th International Symposium on Tilapia in Aquaculture 12-14 /10 /2008, Vol. (2), pp. 823-835.
- Nabil F. Abdel-Hakim, **Ayman A. Ammar**. (2005). EFFECT OF STOCKING DENSITY ON GROWTH PERFORMANCE AND POND PRODUCTIVITY OF NILE TILAPIA (*OREOCHROMIS NILOTICUS*) CULTURED IN EARTHEN PONDS.Egypt. J. Aquat. Biol. & Fish., Vol. 9, No.4: 127-144 (2005) ISSN 1110- 6131.

- 2003 Workshop in Effect Testosterone hormone in people health, 11/8/2003, organized by Egyptian Union of Fisherman Cooperatives
- 2003 Demonstration pond in Wady El Rayan (Fayoum Governorate) for Tilapia fish farm intensification (two cycle/year, 4 tons/fed./6months), and during cycle we did two field day. The demo doing with communication between MSSP and ICLARM.
- 2003 the scientific opinion in some outstanding Issues in Animal Production Aspects, 8/6/2003, Ministry of Scientific Research Academy of Scientific Research and Technology.
- 2003 3rd Middle-East KAHL symposium at Hotel Conrad, Cairo June 02 –03, 2003” aquaculture, Fish feed Production and Nutrition.
- 2003 Participated for short-term specialist in marine aquaculture Steven Hull. The mission from 21/01/2003 to 09/02/2003.
- 2003 Organizing training course in Marine Hatchery Technology from 28 to 30 January in International Center for Living Aquatic Resources Management for Africa & West Asia (ICLARM).
- 2003 Field day, Wady Rayan Fish Farm Intensification Demo-plot-Final Growth Results, 8 and 9/1/2003.
- 2001 August, workshop in Nutrient requirements of Sea Bass, Sea Bream and Tilapia, Feed formulation and processing by Dr.Lim, American Soybean Association.
- 2002 Demonstration pond in Wadi El Rayan (Fayoum Governorat) for Tilapia fish farm intensification (4 tons/fed/5months), and during cycle we did two field days. The demo doing with communication between MSSP and ICLARM.
- 2002 Participated for short term specialist in marine aquaculture Steven Hull. The mission from 8/6/2002 to 29/6/2002.
- 2002 Organizing and speaker training course in Modern Tilapia Cage culture two days, 14 and 15 May for unemployed youngest (male and female) in Alexandria.
- 2002 Lecture in “Current issues in world fisheries: implications for Africa and West Asia” by Dr. Meryl J. Williams, Director General of ICLARM, CONRAD Hotel, 28/4/2002.

- 2002 First Field Day in Marine Fish Farm Demo-plot in Damietta, 24/1/2002, PMU staff.
- 2002 9 January the Central Laboratory for Aquaculture Research (CLAR), workshop in achievements during last 5 years research plan and the 5 years agenda of the future research plan.
- 2001/2002 Demonstration pond in North Ismailia (marine hatchery intensification).
- 2001/2002 Demonstration pond in Damietta under title Mariculture intensification Demo-Plot-Training operating staff. The demo doing with communication between MSSP, ICLARM and Suez Canal University.
- 2001 Marine Aquaculture Development in Egypt, 15/11/2001, short term expert and PMU staff.
- 2001 November, workshop in export fish to European Country arranged between Agriculture Policy Reform Program and Reform Design and Implementation.
- 2000 Facilitating workshop in 5th of September, Sustainable Aquaculture development in Fayoum Governorate. Attendant this workshop 250 persons (Fayoum Governor, MSSP board, Fish Farmer).
- 2001 April, workshop in export fish to European Country arranged between Agricultural Policy Reform Program and Reform Design and Implementation.
- 2001 Organizing training course in Modern Tilapia Hatchery Management from 26 to 30 August in ICLARM.
- 2001 Organizing training course in “improving fish farm management” from 18 to 22 February in ICLARM.
- 2001 Organizing training course two days in Fayoum Governorate. Under title Semi-intensive fish farm.
- 2001 Workshop in March arranged by Suez canal university in Marine aquaculture (speaker)
- 2001 Demonstration pond in Fayoum for fish farm intensification, and during cycle we did two field days. The demo doing with communication between MSSP and ICLARM.
- 2001 Counter part for Dr. Ian Goulding in “Marine Aquaculture development in Egypt” and Lake Nasser Development and surrounding area. The

- mission will last one and half months and will be undertaken in the second quarter of 2001.
- 2000 Organizing training course in “Enhancing Hatcheries productivity” from 6 to 10 August in ICLARM.
- 2000 Two Demonstration pond in Fayoum for fish farm intensification.
- 2000 Demonstration pond in Beherra for fish farm intensification.
- 2000 Facilitating seminar in 28th of June in Beherra Governorate (Semi-Intensive fish farm management).
- 2000 Training course in Principle Aquaculture in Beherra.
- 1999 Lecture on MSSP activity and aquaculture situation in Egypt in opening the training course under title “fish is culturing in fresh water” from 30/1 to 3/2/1999 Al Mansora University and Egyptian Development and human health association.
- 1999 Participated for Herve Lucien-Brun Mission for Marine Shrimp farm development in Egypt. The Mission lasted 10 days.
- 1999 Organizing demonstration pond in Fayoum.
- 1999 Facilitating a workshop on “Principle Aquaculture in Fayoum”.
- 1998 Facilitating promotional seminar about MSSP role in Damietta governorate.
- 1998 Facilitating promotional seminar about MSSP role in Fayoum governorate.
- 1998 Facilitating promotional seminar about MSSP role in cages culture area at Islam cannal Dakahlia governorate.
- 1997 Providing training on Abbasa, CLAR, Trainer, Fish aquaculture, problems and economic effects Lecture of “**Cage culture and management intensive farm**”
- 1997 Providing training on Abbasa, CLAR, Trainer, Hatcheries and Cultivation the tilapia and the catfish. Lecture of “**Cultured tilapia in Basin and Cages culture**”.
- 1997 Providing training on Abbasa, CLAR, Trainer, Natural and Artificial food and form nutrition. Lecture of “**Cage and Feeding**”.

Conference attended:

- **Ayman A. A.** ; Abd-Elgawad A. S. and Abdel Rahman A. S.(2005). THE EFFECT OF DIFFERENT STOCKING DENSITIES ON GROWTH PERFORMANCE AND TOTAL YIELD OF NILE TILAPIA (*Oreochromis niloticus*) FINGERLINGS. Proc.2nd Inter Conf. Vet. Res. Div., NRC, Cairo, Egypt, pp. 235-248 (2005).
- IMPACT OF DETERGENTS FACTROY EFFLUENT ON SOME FISH FRY IN LAKE MANZALA, PORT SAID, EGYPT. J. Aquat.Biol. & Fish., Vol. 8, No, 4:213-231 (2004) ISSN 1110-6131.
- Nabil F. Abdel-Hakim, **Ayman A. Ammar**, Mohamed N. Bakeer. (2004). EFFECT OF STOCKING DENISITY AND FEEDING SYSTEMS ON GROWTH PERFORMANCE OF NILE TILAPIA (*Oreochromis niloticus*) REARED IN CONCRETE TANKS. J. Egypt. Acady. Soc. Environ. Develop. (B-Aquacutlre) Vol. 5, No. (2): 87-105 (2004) ISSN 1110-8754.
- **Ayman A. Ammar**. (2004). EVALUATION OF PARTIAL SUBSTITUTION OF AZOLLA PINNATA, MEDICAGO SATIVA AND PENNISETUM PURPUREUM MEAL IN ORDINARY FISH FEED FOR NILE TILAPIA. J. Egypt. Acad. Soc. Environ. Develop. (B- Aquaculture) Vol.5, No. (1): 85-100. (2004) ISSN 1110-8754.
- M. Eid, A.M.S.; and **Ayman A. Ammar**. (2003). DIETARY SULFUR AMINO ACID REQUIREMENTS OF FINGERLINGS NILE TILAPIA (*Oreochromis niloticus*). Annals of Agric. Sc., Moshtohor, Vol. 41(4): 1471-1478, (2003).
- Soltan, M. A., Radwan, A. A. Sadek, S. M. , **Ammar, A. Ammar** and Garrah, K. A. (2003). SOME FACTORS AFFECTING ON PROPEGATION OF BLACK CARP, *MYLOPHARYNGODON PICEUS* UNDER THE EGYPTIAN CONDITION. Annals of Agric. Sc., Moshtohor, Vol. 41(4): 1479-1491, (2003).
- BIOCONCENTRATION OF COPPER AND CADMIUM IN SOME TISSUE ORGANS OF NILE TILAPIA; *OREOCHROMIS NILOTICUS*. Egypt. Vet. Med.. Assoc. 63, No5: 47-60, (2003).
- **Ayman A. Ammar**. (1995). Carp breeding in intensive conditions with using hot water from electronic power station. The Regular Meeting of Arabian Fish Producers, Cairo, July 1995, page 120-124.

- **Ayman A. Ammar.** (1995). The effect of different Densities on Fish Growth in Cage” the regular Meeting of Arabian Fish producers, Cairo, July 1995, page 35-39.
- **Ayman A. Ammar.** (1993). The Development and the Growth of fish cultivation in Egypt”, the Bulletin of the agriculture Academy, Moscow, 1993, page 93-98.

References:

- 1- Prof. Doc. Mohamed Fathi Osman, chairman General Fish Resource Development, E- mail: osmohad30@yahoo.com
- 2- Prof. Doc. Mohamed Bakeer, Manager Central Laboratory for aquaculture research, E-mail: dr.bakeer@yahoo.com
- 3- Dr. Ian Goulding, Portugal, Megapesca Lda., E-mail: megapesca@mail.telepac.pt.
- 4- Herve Lucien-Brun, France, SEPIA, E-mail: hervelucienbrun@compuserve.com
- 5- 055/3404227/3404228.
- 6- Prof. Mohamed Marzok, Cairo University, Veterinary Faculty, Fish diseases Dept., e-mail: mmarzouk_50@yahoo.com

Languages Skills:

Language	Reading	Speaking	Writing
Arabic	Native Lang.		
Russian	Excellent	Excellent	V. Good
English	V Good	Good	Good

Computer Skills:

W. Processing	Spread sheet	Data Base
Excellent	Excellent	Good

Report writing: Very Good