

Curriculum Vitae (CV)

Name: Alaa El-din Ahmed Kamal El-Haweet

Date of Birth: 11 / 2 / 1959

Sex: male

Nationality: Egyptian

Marital status: Married – 2 sons

Native language: Arabic

Additional language: English

Present post: Dean of college of Fisheries Technology and Aquaculture,
Arab Academy for Science and Technology, Alexandria,
Egypt.

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EDUCATION

- 1996 Ph.D. in Fisheries Science, Fisheries Faculty, with thesis title “**Fishery biology of ribbon fish *Trichiurus japonicus* in Kagoshima Bay, Japan**” Kagoshima University, Kagoshima, Japan
- 1991 M. Sc. in Biological Oceanography, Faculty of Science, with thesis title: “**Biological studies of some Cichlid species in Lake Borollus**” Science Faculty, Alexandria University, Alexandria, Egypt.
- 1982 B.Sc. in **General Oceanography**, Science Faculty, Alexandria University, Alexandria, Egypt.

EMPLOYMENT RECORD

- Jan. 2014- Professor of Fishery Biology and Management, Fisheries Technology Department, College of Fisheries Technology and Aquaculture, Arab Academy for Science and Technology, Alexandria, Egypt.
- 2008- 2013 Associate professor in Fisheries Technology Department, Institute of Fisheries Technology and Aquaculture, Arab Academy for Science and Technology, Alexandria, Egypt.
- 2006- 2008 Associate professor in the National Institute of Oceanography and Fisheries, Alexandria, Branch, Egypt.
- 2005- 2007 Chief scientist of the Research Vessel of the National Institute of Oceanography and Fisheries, Egypt.
- 1999- 2006 Researcher in the National Institute of Oceanography and Fisheries, Alexandria, Branch, Egypt.
- 1983- 1999 Special researcher in the National Institute of Oceanography and Fisheries, Egypt, in Suez Branch (1983-86) and in Alexandria Branch (1986-99).
- 1982- 1983 Researcher assistant in the research programs of Oceanographic Department, Science Faculty, Alexandria University:
1. **Estimation of the primary productivity of the south eastern Mediterranean Sea, Egypt (USAID fund)**
 2. **Fisheries management of Lake Manzala, Egypt (USAID fund)**

CONSULTANT

- 2014 - **Consultant for the director of** General Authority for Fish Resources Development (GAFRD) – Ministry of Agriculture, Egypt.

FOOD AND AGRICULTURE ORGANIZATION (FAO) - UNITED NATION (UN) ACTIVITIES

- In 2014, Chairperson of the **GFCM workshop on the implementation of the Data Collection Reference Framework (DCRF) in the Mediterranean and the Black Sea**” (Madrid, Spain)
- In 2013, elected as **Coordinator of Statistical and Information Subcommittee (SCSI) - (SAC) - GFCM – FAO - UN.**
- In 2012, prepared a document in English and translated to Arabic titled as: **"Sampling protocol for the pilot collection of Catch, Effort and Biological data in Egypt"**. GCP/INT/041/EC -GRE -ITA/TD-12.
- In 2011, assigned as **a scientific consultant for EastMed project - Food and Agriculture Organization of the United Nations, FAO.**
- In 2008 - till now, assigned from Egyptian government for represent Egypt in **Scientific Advisory Committee (SAC)** of General Fisheries Commission for the Mediterranean (GFCM), Food and Agriculture Organization of the United Nations, FAO.
- In 2007, assigned from EastMed Formulation – Food and Agriculture Organization of the United Nations, FAO, to prepare an **“Arabic-English field guide for fishery species identification in the Eastern Mediterranean Sea”.**
- In 2003, assigned from Regional Office for the Near East, Food and Agriculture Organization of the United Nations, Cairo, Egypt, to write the **“Fisheries country profile of Egypt”**
- In 2002, assigned from Regional Office for the Near East, Food and Agriculture Organization of the United Nations, Cairo, Egypt, to write a proposal on **“Fisheries management of Bardawel lagoon on Mediterranean coast of north Egypt”.**

- In 1999, assigned from Regional Office for the Near East, Food and Agriculture Organization of the United Nations, Cairo, Egypt, to write a paper on “**Fish mortality, with special references on mass mortality**” at ROPME workshop on marine mammals and fish mortality in Doha, Qatar.

ARAB ORGANIZATION FOR AGRICULTURE DEVELOPMENT (AOAD) – LEAGUE OF ARAB STATES (LAS) ACTIVITIES

- In 2011 worked as **Fisheries consultant** in Arab Organization for Agriculture development (AOAD).
- In 2011, organize a workshop in Oman for **Arab Fishery Experts meeting**, by Arab Organization for Agriculture development (AOAD).
- In 2009, Assigned from Egyptian government for represent Egypt in **Arab Fishery Experts meeting**, which organized in Tunis by Arab Organization for Agriculture development (AOAD).
- In 2004, short mission for 3 months to United Arab Emirate as expert of Arab Organization for Agriculture development (AOAD) - League of Arab States (LAS) for “**Evaluation and development plan for United Arab Emirate fishery**” and supervise **training program for Governmental fisheries centers staff**.

SCIENTIFIC PROJECT EXPERIENCE

1984-1986 Team member in the project “**Fish stock assessment of Suez Gulf**”

National Institute of Oceanography and Fisheries, Egypt.

1985-1986 Team member in the project “**Fisheries management of Lake**

Bardawell” Academy of Scientific Research and Technology,
Egypt.

1987-1988 Team member in the project “**Systematic monitoring of pollution in Egyptian waters**” Cooperation programme between National

Research Center and National Institute of Oceanography and Fisheries, Egypt.

1987-1991 Team member in the project **“Fisheries management of Lake Borollus, Egypt”** USAID project

1991-1992 Team member in the project **“The status of Pollution: by oil along the coast of the Gulf of Suez and the Mediterranean Sea”** ESSO Egypt.

1991-1992 Team member in the project **“Environmental Impact Study; Hurghada, Red Sea”** ASAMERA, Egypt Limited.

1996-1997 Team member in the project **“Trophodynamic of the south eastern Mediterranean Sea, Egypt”** Final year of USAID project.

1997-1999 Team member in the project **“Development of Fisheries of the Halayb Areas, Red Sea, Egypt”** Academy of Scientific Research and Technology, Egypt

1999-2001 Co-principle investigator in the project **“The environmental impact on Abu Qir Bay Fisheries, Mediterranean Sea, Egypt”** National Institute of Oceanography and Fisheries

2000-2002 Fisheries task leader in the project **“Food Production in Freshwater Ecosystem – Fisheries development of Wadi al Rayan Lakes, Fayoum province- Egypt”** USAID project.

2003-2004 Fisheries task leader in the project **“MELMARINA; Monitoring and modeling coastal lagoons: making management tools for aquatic resources in North Africa”** EC project.

2003-2004 Fisheries task leader in the project **“MED-CORE; Mediterranean Coast-River Ecosystems”** a comparative and integrated approach to the ecology of Mediterranean coastal zones for sustainable management. EC project.

- 2003- 2005 Principle investigator and Fisheries task leader in the project **“Sallum Bay - undeveloped fishing ground, Mediterranean Sea, Egypt”** National Institute of Oceanography and Fisheries.
- 2003- 2007 Fisheries task leader in the project **“Development of Fish Production in Northern Lakes, Egypt”** Academy of Scientific Research and Technology Egypt.
- 2004 Fisheries Task leader in the project **“Benthic Survey of P2 Platforms- Rashid Petroleum Company”** National Institute of Oceanography and Fisheries.
- 2004- 2007 Principle investigator in the project **“Assessment of demersal fish off Nile delta region”** National Institute of Oceanography and Fisheries.
- 2005- 2008 Fisheries Task leader in the project **“Improved fisheries productivity and management in tropical reservoirs- Lake Nasser”**. World Fish Center project.
- 2006 - 2007 Fisheries Task leader in the project **“Biomap of Egyptian Fauna and flora”** EEAA, Egyptian Agency for Environmental Affairs.
- 2006 - 2007 Principle investigator in the project **“Cooperation in the development of a plan for the Integrated Coastal Zone Management of the coastal areas between Matruh and Sallum, Egypt”**, funded by the AECI, the Spanish Agency for International Cooperation, and coordinated by the University of Cantabria, Spain, and EEAA, the Egyptian Agency for Environmental Affairs.
- 2007- 2008 Principle investigator in the project **“Assessment of fisheries and marine biodiversity of Sallum Gulf within the broader context of Marsa Matrouh coastal area”** funded by IUCN Centre for Mediterranean Cooperation.

2008 Fisheries Task leader in the “**EC-SMAP III- ALAMIM Project**”
for **Lake Mariut**, EC funded.

REVIEWING:

- “**Age and growth of cutlassfishes, *Trichiurus spp.*, from South China Sea**”
Fisheries Bulletin Journal
- “**Studies on length-weight and length-length relationships of a catfish *Eutropiichthyes vacha* hamilton (Schilbeidae: Siluriformes) from Indus River, Sindh, Pakistan**” *Caspian Journal of Environmental Sciences*
- “***Sardinella aurita* and Anchovy (*Engraulis encrasicolus*) abundance as related to temperature in the Senegalese waters**” *Peak Journal of Physical and Environmental Science Research*
- “**Hook Selectivity for Bluefish (*Pomatomus saltatrix* Linneaus, 1766) from Gallipoli Peninsula and Dardanelles (Turkey)**” *Turkish Journal of Fisheries and Aquatic Sciences*
- “**Length-Weight Relationship and Condition Factor of *Notopterus notopterus* (Pallas, 1769) from Manchar Lake Sindh, Pakistan**” *Sindh University Research Journal (Science Series)*
- “**Morphometric characters and their relationship in relation total length in *Cirrhinus reba* (Hamilton) from Manchar Lake, District Jamshoro, Sindh, Pakistan**” *Sindh University Research Journal (Science Series)*

PUBLICATIONS

- “**Investigation of the Cichlid’s fishery in Lake Borollus**” International Conference on Future Aquatic Resources in Arab Region (Feb. 1993).
- “**Age and growth of Ribbon Fish *Trichiurus japonicus* in Kagoshima Bay, Japan**” *Fisheries Science*, 62(4), 529- 533 (1996).
- “**Age Composition of Ribbon Fish *Trichiurus japonicus* in Kagoshima Bay, Japan**” *Fisheries Science*, 62(4), 654- 655 (1996).

- **“Stock assessment of sardine in the Egyptian Mediterranean waters by virtual population analysis: case for the coast from Alexandria to Abu Qir, Egypt”** Egyptian Journal of Aquatic Biology and Fisheries, 4. (3), 2000.
- **“Catch composition and management of day-time Purse seine (Shansholla) Fishery on the Southern Mediterranean Sea Coast, Abu Qir Bay, Egypt”** Mediterranean Marine Science. vol. 2/2, 2001.
- **“An integrated limnological and acoustic fish study of the new man-made Wadi El-Raiyan Lakes. Fayoum Province, Egypt”** presented in the ICES symposium “Acoustics in Fisheries and Aquatic Ecology” France, 2002.
- **“Acoustic size vs. real size relationships for tilapia and mullet species of Wadi Al-Raiyan Lakes”** Poster in the ICES symposium “Acoustics in Fisheries and Aquatic Ecology” France, 2002.
- **“Assessment of purse seine fishery and sardine catch of Gaza Strip”** Egyptian Journal of Aquatic Research. vol. 30(B), 2004.
- **“Bottom trawl fisheries in Gaza Strip”** Egyptian Journal of Aquatic Biology and Fisheries. Vol.8 (4), 2004.
- **“Economic performance of Palestinian trawls fishing fleet in Gaza strip in 1997-2002”** Alex. J. Agric. Res. 49 (3), 2004.
- **“Population dynamics of *Boops boops* L. from Gaza 1999-2000 and Alexandria Mediterranean Waters in 2003-2004”** Alex. J. Agric. Res. 50 (1), 2005.
- **“Validation of length frequency analysis for *Boops boops* (Bogue) growth estimation”** Egyptian Journal of Aquatic Research. Vol. 31 (1) 2005.
- **“Artisanal fisheries along Alexandria coast from Montazah to Al-Anfoushy, Egypt”** Egypt. J. Aquatic Biology and Fisheries. Vol.9 (4), 2005.
- **“Diversity and distribution of macrobenthos and fish in Abu Qir Bay, Alexandria, Egypt”** Paper presented to MEDCORE Project International Conference, held in Florence, Italy from 10-14 November, 2005.

- **“Assessment of Lake Nasser Fisheries”** Egyptian Journal of Aquatic Research. Vol. 34 (2) 285-298. 2008.
- **“Impact of Aquatic Macrophytes on fish diversity in Lake Nasser”** Vegetation processes and human impact in a changing world 52nd International Symposium for the International Association for Vegetation Science, 30 May - 4 June, 2009, Greece.
- **"Impact of Aquatic Macrophytes on diversity production of fish in Large Subtropical Reservoir"** Egypt. J. Bot. Vol.50, 127-158. 2010.
- **“Stock assessment of Common Pandora, Pagellus erythrinus, South Levant - Egypt”** GFCM stock assessment working group, Turkey, 2011.
- **“Assessment of fisheries and marine biodiversity of Sallum Gulf - Egypt”** International journal of environmental science and engineering (IJESE) Vol. 1: 21-34. 2011.
- **" Pelagic longline fishery for Albacore (*Thunnus alalunga*) in the Mediterranean Sea off Egypt"** Turkish Journal of Fisheries and Aquatic Sciences 12: 735-741. 2012.
- **“Fishery and Population Characteristics of *Euthynnus alletteratus* (Rafinesque 1810) in the Eastern Coast of Alexandria, Egypt”** Turkish Journal of Fisheries and Aquatic Sciences, 13:629-638. 2013.
- **"Biological studies of the invasive species *Nemipterus japonicus* (Bloch, 1791) as a Red Sea immigrant into the Mediterranean"** Egyptian Journal of Aquatic Research, 39, 267–274. 2013.
- **"How does an outnumbered small scale flee perform? The case in Egypt"** First Regional Symposium on Sustainable Small-Scale Fisheries in the Mediterranean and Black Sea. General Fisheries Commission for the Mediterranean, 27–30 November 2013, St. Julian’s, Malta.

- **"Reproductive Biology of the little tunny, *Euthynnus alletteratus* (Rafinesque 1810) in the Eastern Coast of Alexandria, Egypt"**. Egypt. J. Aquat. Bio. & Fish. 18 (1). 2014.
- **"Qarun Lake fisheries; Fishing gears, Species composition and Catch per unit effort"** Egypt. J. Aquat. Biol. & Fish., Vol. 18, No. 2: 39- 49. 2014.
- **"Stock assessment of the alien species Brushtooth lizard fish, *Saurida undosquamis* (Richardson, 1848) in the Egyptian Mediterranean coast"** Egyptian Journal of Aquatic Research, 40, 443–450. 2014.
- **"Fisheries of *Lagocephalus sceleratus* from the Egyptian Mediterranean Sea Coast"** in progress.
- **"Reproductive biology of *Lagocephalus sceleratus* from the Egyptian Mediterranean Sea Coast"** in progress.
- **"Biological aspects of *Sepia officinalis* from the Egyptian Mediterranean Sea Coast"** in progress.

ACADEMIC ACTIVITIES

- Supervise a M. Sc. thesis on **"Artisanal fisheries off Alexandria coastal area with special reference to the fishery biology of *Siganus* spp"**, Zagazeg University.
- Supervise a M. Sc. thesis on **"Fishing port management of oman"**, Arab Academy for Science and Technology, Alexandria, Egypt.
- Supervise a Ph. D. thesis on **"STOCK ASSESSMENT & FISHERY MANAGEMENT OF *Boops boops* IN MEDITERRANEAN WATER OF GAZA STRIP, ALEXANDRIA AND SALOUM- EGYPT"**, Arab Academy for Science and Technology, Alexandria, Egypt.
- Supervise a Ph. D. thesis on **"Fishery management for *Euthynnus alletteratus* – Scomberidae at Abu Qir bay Alexandria"**, Arab Academy for Science and Technology, Alexandria, Egypt.

- Supervise a Ph. D. thesis on “**Assessment of lake qarun fisheries with special reference to fishery biology of *Solea* spp.**”, Banha University, Egypt.
- Supervise a Ph. D. thesis on “**Logical Behavior of Egyptian Fishing Boats Skippers working in the Mediterranean Sea**”, Alexandria University, Egypt.
- Supervise a Ph. D. thesis on “**Stock assessment of *Lagocephalus sceleratus* from the Egyptian Mediterranean Sea Coast**”, Al Azhar University Asuit, Egypt.
- Editing a book titled in “**Fishery biology of ribbon fish *Trichiurus japonicus* in Kagoshima Bay, Japan**” LAP LAMBERT Academic Publisher. Germany, 2010.
- Registered as a lecturer in General Authority for Fisheries Resources Development, Egypt. For **training program of governmental fisheries centers staff.**

ORGANIZED WORKSHOPS AND TRAINING COURSES

- Participated in the “**International ocean symposium**” Tokyo, Nippon Foundation, 1996.
- Attained a training course in **Acoustic survey** to use SIMRAD EY500 echosounder and EP500 software for analyzing its data and fish abundance and biomass estimation. Wadi AlRaiyan, Egypt, 1999.
- Attend a course in “**Management and use of fish resources in inland water bodies of Mediterranean countries**” Saragoza, Spain 2001.
- Attend the first ICAMS Nile Delta workshop “**Development of an information system for operational monitoring & integrated management of the Nile delta coastal zone**” April 2003, Ismailia, Egypt.
- Attend a workshop of FAO in “**Fisheries statistics**” Academy of Science and Technology, Alexandria, Egypt, 2003.

- Attend a 1st course in “**Course on the marine resources survey**” Tunisia 2003.
 - Participated in workshop of **MED-CORE** project, Morocco, 2003.
 - Attend a workshop in “**Status of biodiversity of river Nile**” British Council, Cairo, Egypt, 2003.
 - Attend course in "**Use of geographic information systems in fisheries and aquaculture**", 13-25 June 2005, Spain.
 - Invited as a keynote speaker in the “**International Arab-African fish resources conference & exhibition**” 28-30 June 2007, Cairo International Convention Center (CICC).
 - Attend a **Joint Meeting of Tuna RFMOs on the Provision of Scientific Advice**. May 31 to June 2, June 2010, Barcelona, Spain.
 - Organized the annual workshop on “Selectivity improvement, bycatch reduction and alternative gears” that sponsors by **GFCM - FAO; at Arab Academy for Science, Technology & Maritime Transport** in Abu Qir Branch, Alexandria, 25-27 October 2010.
 - Attend a workshop of FAO in Workshop on **Mediterranean gears, fishing technology and selectivity**. (Tangier, Morocco 26-30 November 2012)
 - Invited as a keynote speaker in the “**International scientific conference for basic and applied science**” 21-23 September 2013.
 - Invited to **ComFish meeting** in Rome, Italy, 16- 17 June 2014 and in Brussel, Belgium, 31 January 2015. Organized by ComFish project.
- Europeans Commission**

EGYPTIAN GOVERNMENTAL ACTIVITIES

- Membership of **National Fisheries and Aquaculture committee for strategic plan**. Ministry of Agriculture, Egypt in 2014.

- Membership of **National Fisheries Statistical steering committee**. Ministry of Agriculture, General Authority for Fish Resources Development (GAFRD) since 2006.
- Membership of **National Mediterranean Sea Fisheries Management Steering Committee**. Ministry of Agriculture, General Authority for Fish Resources Development (GAFRD) since 2006.
- Membership of **National Tuna Fisheries Management Steering Committee**. Ministry of Agriculture, General Authority for Fish Resources Development (GAFRD) since 2007.
- Membership of **Lake Borollus steering committee**. Ministry of Agriculture, General Authority for Fish Resources Development (GAFRD) 2002-2006.

PUBLIC AFFAIR

- Membership in "**Observatory for the Mediterranean fisheries**" Sicilian Region, Palermo, Italy. Since 2011.
- Membership in "**The Egyptian Association for Science and Marine Technology. Alexandria, Egypt**".
- Membership in **the Egyptian Society for the Development of Fisheries, Environment and Human Health. Ain Shams, Cairo, Egypt.**
- Membership of ICLARM association (**INTERNATIONAL CENTER FOR LIVING AQUATIC RESOURCES MANAGEMENT**) 1985-2000.