

Curriculum Vitae



Name : Hatem Hanafy Mahmoud.
Nathionality : Egyptian.
Date of birth : 18th January, 1966:
Marital status : Married (have 3 sons).
Home address : 49 Rassafa st., Moharram Bik, Alexandria, Egypt.
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Work address : College of Fisheries Technology and Aquaculture (Arab Academy for Science, Technology and Maritime Transport, Abu Qir, Alex., Egypt.
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Field of specialization:

My work is concerning on assessment the fisheries status of the different areas and creates scientific advices and recommendations to the decision makers to improve the exploitation status of these areas (including fish samples collection, taking the different measurements, analyse the data and discussion the results).

I am writing a lot of scientific reports and scientific papers. Supervising some projects (National and international), master and PhD thesis and proficiently using the various fisheries stock assessment software programs, teaching different kinds of fish biology and fisheries courses and helping in the building capacity of the fisheries society.

These kinds of work give me an experience in the assessment and management of fisheries through tropical and temperate marine and fresh water ecosystems, gaining in depth experience in the fishery biology, population dynamics, stock assessment and fisheries management studies in the Mediterranean Sea, Red sea, Egyptian lakes and River Nile.

Education:

- Doctor of philosophy in science (Oceanography, Fishery Biology), 2005.
Faculty of Science, Alexandria University, Egypt.
(Assessment of inshore commercial fisheries of Halaieb / Shalatién area "Red Sea")
- Master degree in science (Oceanography, Fishery Biology), 1995.
Faculty of Science, Alexandria University, Egypt.
(Biology and gonadal cyclic changes in fishes of family Mugilidae in closed fresh water "Nozha Hydrodrome" Egypt)
- Bachelor degree of science (General Oceanography), 1988.
Faculty of Science, Alexandria University, Egypt.

Present Position:

- Associate professor in Fisheries division, College of Fisheries Technology and Aquaculture (Arab Academy for Science, Technology and Maritime Transport), from 1 September, 2012 and hitherto.
- Reviewer in Science and Technology Development Fund (STDF), Aquaculture and Fisheries Projects Call, Cairo, Egypt, From April 2013.
- One of the scientific team of the EastMed project in Egypt (Food and Agriculture Organization, United Nation), from 1 February, 2011 and hitherto.
- Leader of Egyptian fisheries team in (Sea Around Us Project) rationale for reconstructing catch for the last 50 years (Egypt). Fisheries centre, University of British Columbia, Canada.
- An expertise in the expert list on the effect of Lessepsian species on Fisheries of the Eastern Mediterranean (Food and Agriculture Organization, United Nation), from 27 February, 2011 and hitherto.
- An expertise in the expert list of the permanent experts on the stock assessment in the Eastern Mediterranean (Food and Agriculture Organization, United Nation), from 20 April, 2011 and hitherto.
- Lecturer in General Authority of Fisheries Resources Development (GAFRD), from 20 June, 2010 and hitherto.

Previous positions:

- Chairman of management and development committee of Bardawil Lake in North Sainai. From October 2013 to April 2014.
- Associate professor in Fishery Biology Lab., Fisheries Division (NIOF). From 27 Dec., 2010 to 31 Aug. 2012.
- Researcher in Fishery Biology Lab., Fisheries Division (NIOF). From July 2005 till Dec. 2010.
- Assistant Lecturer in Fishery Biology Lab., Fisheries Division (NIOF). From Oct., 95 – July 2005.
- Researcher Assistant in Fishery Biology Lab., Fisheries Division (NIOF). From Apr., 94 – Sep., 95.
- Scholar-ship (Master Student) in Fishery Biology Lab, Fisheries Division (NIOF). From Jan., 91 – Mar., 94.
- Scientific Researcher at Labs of Egyptian Fisheries and Fish Gears Co. (1989).
- Scientific Researcher at Labs of Maryout fish culture Co. (1988 – 1989).

Research Activities:

- Leader of fisheries team of FORCE project (Fisheries & aquaculture Oriented Research Capacity in Egypt), (European Union), From 2011 to 2014.
- Studying the effect of a new fishing method on the biomass of the fishes caught in the Max fish farm from October 2009 till 2010.
- Assessment and management the fisheries of the dominant species in Nozha Hydrodrome in Alexandria from 2007 till 2008.
- A member of the research team in “*Nile River Fisheries Development Project*” from 2005 to 2007.
- A member of the research team in “*Halaieb-Shalatien Fisheries Development Project*” in the Red Sea “Egypt” from 1996 to 2000.
- A member of the research team in studying “*The surrounding fish farms around Lake Edko*” from 1995 to 1996.
- Participate in the marine cruise to study the migration of whales and dolphins in the coastal area in front of Italy and Greece during September 1994.

- A member of the research team in “*Manzalah Lake Management Project*” from 1993 to 1995.

Academic activities

- Create and design identification sheets of the Eastern Mediterranean fish and mollusca species with cooperation with Food and Agriculture Organization (FAO), United Nation.
- Prepare and gave a variety of lectures and seminars in fisheries and fisheries biology fields in (NIOF) and other associations.
- Participate in the Egyptian Society of Experimental Biology.
- Participate in the Arabian Society of Aquaculture.

Supervisor on 3 *M.Sc.* Thesis under the titles:

- Fisheries management of Cichlid fishes in the Nozha Hydrodrome, Alexandria, Egypt. Oceanography Dep., Faculty of Science, Alexandria University, Egypt.
- Stock Assessment and Management of *Diplodus* species in Abu Qir Bay, Alexandria, Egypt. Oceanography Dep., Faculty of Science, Alexandria University, Egypt.
- Fisheries assessment and management of Lizard fish (*Synodus saurus*) in front of Alexandria, Egypt. Oceanography Dep., Faculty of Science, Alexandria University, Egypt.

Supervisor on 5 *Ph.D.* Thesis under the titles:

- Fishery biology and fisheries management of *sparus urata* and *dicentrarchus labrax* in bardawil lagoon, North Sainai, Egypt. Department of Zoology, Faculty of Science, Zagazig University.
- Abundance, Distribution and Fishery Investigations of Family Mullidae in the Mediterranean Waters of Egypt. Faculty of agriculture (Saba Basha), Alexandria University.
- Fisheries Biology and Management of Family Trichiuridae in the Egyptian Mediterranean. Oceanography Dep., Faculty of Science, Alexandria University, Egypt.

- Effect of the environmental changes on the biological characteristics of two of most important Mullet species in Egypt. Faculty of agriculture (Saba Basha), Alexandria University, Egypt.
- Assessment the fisheries status of green tiger prawn, *Peneaus semisulcatus* (De Haan, 1844) stock in the Jizan Area (South region of the Saudi Arabia, Red Sea). King Abd El-Aziz University, Geddah, Kingdom of Saudia Arabia.

Publications:

- Biology and fisheries management of Tilapia species in Rosetta branch of the Nile River, Egypt. Egyptian J. of Aquatic Research, (2008) Vol. 34, No. (3), pp: 272 – 285.
- Assessment of inshore commercial fisheries of Halaieb / Shalatien area “Red Sea”. Egyptian J. of Aquatic Research, 2009, Vol. 35, No.(1), pp: 148-164.
- Gonadal maturation and histological observations of *Epinephelus areolatus* and *Lethrinus nebulosus* in Halaieb Shalatien area “Red Sea”, Egypt. Global Veterinaria, 2009, Vol. 3 (5), pp: 414 – 423.
- Some aspects of reproductive biology with emphasis on the effect of pollution on the histopathological structure of gonads in *Oreochromis niloticus* from Rosetta branch, Nile River, Egypt. World Journal of Fish and Marine Sciences, 2009, Vol. 1 (3), pp: 190 – 198.
- Feeding biology of *Diplodus sargus* and *Diplodus vulgaris* (Teleostei, Sparidae) in Egyptian Mediterranean waters. World Journal of Fish and Marine Sciences, 2009, Vol. 1 (4), pp: 290 – 296.
- Fishery status of Halaieb / Shalatien area “Red Sea, Egypt”. Egyptian J. of Aquatic Research, 2009, Vol. 35, No. (3), pp: 325 – 343.
- Biological status and management of *Diplodus vulgaris* (geoffroy saint-hilaire, 1817) in Abu Qir Bay, Egypt. Egyptian J. of Aquatic Research, 2010, Vol. 36, No. (1), pp: 115 – 122.
- Fisheries biology and management of *Diplodus sargus sargus* (linnaeus, 1758) in Abu Qir Bay, Egypt. Egyptian J. of Aquatic Research, 2010, Vol. 36, No. (1), pp: 123 – 131.

- Ultrastructure features of spermiogenesis and spermatozoa in *Diplodus vulgaris* (Geoffroy saint-hilaire, 1817) 'Egypt'. Egyptian J. of Aquatic Research, 2010, Vol. 36, No. (4), pp: 669 – 679.
- Age, growth and mortality of saddled bream, *Oblada melanura* (Linnaeus, 1758) in Abu Qir Bay, Egypt. Egyptian J. of Aquatic Research, 2010, Vol. 36, No. (2), 317 – 322.
- Fisheries management of cichlid fishes in Nozha Hydrodrome, Alexandria, Egypt. Egyptian J. of Aquatic Research, 2013, Vol. 39, No. (4), 283 – 289.
- Stock assessment of the alien species brushtooth lizard fish, *saurida undosquamis* (richardson, 1848) in the Egyptian Mediterranean coast. Egyptian J. of Aquatic Research, 2014, Vol. 40, No. (4), 443 – 450.
- An overview of fishing technology in Egypt: weakness and opportunity. African Journal of Marine Science, 2015. In press.
- Reconstruction of marine fisheries statistics in the Egyptian Mediterranean Sea, 1950-2010, Island Press., 2015 In press.

The recent conferences:

- The 15th international conference on "***Environmental protection is a must***"
During the period from 3 – 5 May 2005, Alex., Egypt.
- The 9th international conference on "***The oil and the environment***"
During the period from 6 – 8 February 2006, Alex., Egypt.
- The 16th international conference on "***Environmental protection is a must***"
During the period from 13 – 15 May 2006, Alex., Egypt.
- The international conference on "***Essential principles of tourism strategy in the Arab world and their impacts on national economics***"
During the period from 28 – 30 October 2006, Alex., Egypt.
- The 10th international conference on "***The oil and the environment***"
During the period from 17 – 19 February 2007, Alex., Egypt.
- The 17th international conference on "***Environmental protection is a must***"
During the period from 12 – 14 May 2007, Alex., Egypt.
- The 18th international conference on "***Environmental protection is a must***"
During the period from 10 – 12 May 2008, Alex., Egypt.
- The 2nd international conference on aquatic resources

“Integrated coastal zone management and sustainable development”

During the period from 22 – 25 November 2008, Alex., Egypt.

- The 2nd international conference on **Technology and sustainable development in the 21st century.**

During the period from 13 – 15 December 2008, Alex., Egypt.

- The 19th international conference on "***Environmental protection is a must***"

During the period from 16 – 18 May 2009, Alex., Egypt.

- The 3rd international conference on aquatic resources **“Prospects and challenges” ICAR- 2009.**

During the period from 17 – 20 November 2009, Alex., Egypt.

- The 4th international conference on aquatic resources **“Preservation, protection and development” ICAR- 2009.**

During the period from 7 – 10 December 2010, Alex., Egypt.

- The 21th international conference on "***Environmental protection is a must***"

During the period from 17 – 19 May 2011, Alex., Egypt.

- The 22th international conference on "***Environmental protection is a must***"

During the period from 22 – 24 May 2012, Alex., Egypt.

- Global climate changes, biodiversity and sustainability, challenges and opportunities, Arab academy for science, technology and maritime transport.

During the period from 15 – 18 April 2013, Alex., Egypt.

- The 23th international conference on "***Environmental protection is a must***"

During the period from 14 – 16 May 2013, Alex., Egypt.

The training courses:

- Prepare and gave a variety of lectures and seminars in fisheries and fisheries biology fields in a lot of training courses organized by the fisheries division of the National institute of oceanography and fisheries..
- The training course on

"Marine pollution in the Arab ports and techniques of control"

During the period from 24 – 29 November 2007, Alex., Egypt.

- **ICDL international computer driving licence** with the support of:
United Nation for Educational scientific and Cultural Organization.
25-2-2009, the serial number is **EGY000096048.**

The recent international missions:

- The scientific advisory committee (SAC) for fisheries in the Mediterranean and the Black Sea.

During the period from 24 to 27 March 2015, Rome, Italy.

- The Subcommittee on Stock Assessment (WGSA) of demersal fish species in the Mediterranean Sea. Organized by (GFCM) the General Fisheries Commission for the Mediterranean and the Black Sea.

During the period from 4 February to 7 February 2015, Rome, Italy.

- Mediterranean regional participatory ComFish meeting on resolving key fisheries issues through targeted communication.

During the day 30 January 2015, Brussels, Belgium.

- The working Group on Stock Assessment (WGSA) of demersal fish species in the Mediterranean Sea. Organized by (GFCM) the General Fisheries Commission for the Mediterranean and the Black Sea.

During the period from 24 to 27 November 2014, Rome, Italy.

- Mediterranean regional participatory ComFish meeting on resolving key fisheries issues through targeted communication.

During the day 15 June 2014, Rome, Italy.

- The scientific advisory committee (SAC) for fisheries in the Mediterranean and the Black Sea.

During the period from 17 to 20 March 2014, St Julian's, Malta.

- The Subcommittee on Stock Assessment (WGSA) of demersal fish species in the Mediterranean Sea. Organized by (GFCM) the General Fisheries Commission for the Mediterranean and the Black Sea.

During the period from 3 February to 4 February 2014, Bar, Montenegro

- The working Group on Stock Assessment (WGSA) of demersal fish species in the Mediterranean Sea. Organized by (GFCM) the General Fisheries Commission for the Mediterranean and the Black Sea.

During the period from 28 January to 1 February 2014, Bar, Montenegro

- The training course on the improving the Analysis of Fisheries Data: An Introduction to R and the Fisheries Library based on R (FLR). Organized by the General Fisheries Commission for the Mediterranean and the Black Sea (GFCM) and the FAO Regional Projects.

During the period from 4 to 8 November 2013, Rome, Italy.

- The Second meeting of the permanent Working Group on stock assessment in the Eastern Mediterranean within the framework of the EastMed Project (FAO).

During the period from 9 to 13 September 2013, Kavala, Greece.

- The first Sub-Regional meeting on data collection for western, central and eastern Mediterranean. Organized by (GFCM) the General Fisheries Commission for the Mediterranean and the Black Sea (FAO).

Frascati, Italy, 25 – 27 March 2013

- The annual meeting of the European project of the 7th framework programme “Force” Fisheries and Aquaculture – Oriented Research Capacity in Egypt (European Union).

Ca’Foscari University of Venice, Venice - Italy, 10 and 11 December, 2012

- The working group on stock assessment of demersal species. Organized by (GFCM) the General Fisheries Commission for the Mediterranean and the Black Sea (FAO).

Split, Croatia 5 - 9 November 2012

- **DAAD** – Visitors Programme in the Federal Republic of Germany under the title:
**“Marine Environmental Protection Technology and Maritime Energy
Generation”**

Germany, 10 June – 19 June 2012.

- Meeting on EastMed project (FAO) to organize a trawl survey at the Mediterranean Sea.

Mersin, Turkey, 29 February – 01 March 2012

- **MADE** project training course under the title:

(Marine aquaculture development in Egypt) European Union

During the period from 11 November to 8 December 2011. Alexandria Egypt.

- Participate in the general fisheries commission for the Mediterranean (GFCM) meeting concerning the working group on stock assessment of demersal species.

Chania, Crete (Greece), 24-29 October 2011

- Participate in the trawl survey in Cyprus within the framework of the MEDITS Project (FAO).

During the period from 11 – 16 July 2011, Cyprus.

- The first meeting of the permanent Working Group on stock assessment in the Eastern Mediterranean within the framework of the EastMed Project (FAO).

During the period from 27 June to 1 July 2011, Demre (Turkey).

- The training course on

Fisheries depended data collection conducted by EastMed project (FAO)

During the period from 4 to 9 June 2011, Alexandria, Egypt.

- The training course on “*Length based stock assessments Methods*” within the framework of the EastMed Project (FAO).

During the period from 21 – 25 February 2011, Kavala, Greece.

Languages & degree of proficiency

Excellent in writing, lessening and speaking Arabic and English language.