



Hatem Hanafy Mahmoud, PhD

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1- RESEARCH INTERESTS

Fisheries Biology, Stock Assessment and Fisheries Management of fish Species in the Egyptian Mediterranean and Red Sea as well as the Non-Indigenous Species.

2- EMPLOYMENT HISTORY

10/2017 – Present

Dean of College of Fisheries and Aquaculture Technology (CFAT) | Arab Academy for Science, Technology and Maritime Transport (AASTMT), Egypt.

- Participating in the development of educational and strategic plans of AASTMT and member of all the higher AASTMT councils concerning the different topics and activities of the Academy.
- Designing and implementing the strategic plan of CFAT to prepare technical staff in all areas of fish resources (fisheries and aquaculture), qualified for the job market and able to compete in the labor market by distinct educational university programs.
- Representing Arab Academy for Science, Technology and Maritime Transport (AASTMT) and League of Arab States in the national and International meetings and conferences in the field of fish resources and food security in Egypt and Arab countries.
- Supervising and coordinating with the supervisory committees on PhD and M.Sc theses and creates the different supervisory panels for the students of these thesis.
- Teaching and developing fisheries-related courses of undergraduates and graduates of CFAT.
- Developing a competitive and internationally visible research program with emphasis on sustainable management of fisheries to preserve optimal marine ecosystem for advancing fishery industry.
- Promoting cooperation between CFAT and other institutions of mutual interest from Egypt and African, European and Asian countries and supervise and develop all CFAT activities.

02/2015 – Present

Associate professor | College of Fisheries and Aquaculture Technology, AASTMT, Egypt.

06/2010 – 01/2015

Associate professor | Fisheries Division, National Institute of Oceanography and Fisheries, Egypt.

07/2005 – 05/2010

Researcher | Fisheries Division, National Institute of Oceanography and Fisheries, Egypt.

10/1995 – 06/2005

Assistant Researcher | Fisheries Division, National Institute of Oceanography and Fisheries, Egypt.

04/1994 – 09/1995

Research Assistant | Fisheries Division, National Institute of Oceanography and Fisheries, Egypt.

01/1991 – 03/1994

Master student | Fisheries Division, National Institute of Oceanography and Fisheries, Egypt.

04/1989 – 01/1990

Scientific Researcher | Labs of Egyptian Fisheries and Fish Gears Company, Egypt.

08/1988 – 04/1989

Scientific Researcher | Labs of Maryout fish culture Company, Egypt.

3- EDUCATION

2005

Faculty of Science, Alexandria University | Alexandria, Egypt.

PhD: Science (Oceanography, Fishery Biology).

Thesis Title: Assessment of inshore commercial fisheries of Halaieb / Shalatien area "Red Sea"

1995

Faculty of Science, Alexandria University | Alexandria, Egypt.

MSc: : Science (Oceanography, Fishery Biology).

Thesis Title: Biology and gonadal cyclic changes in fishes of family Mugilidae in closed fresh water "Nozha Hydrodrome" Egypt

1988

Faculty of Science, Alexandria University | Alexandria, Egypt.

BSc: Science (General Oceanography)

4- RESEARCH ACTIVITIES

- Team Leader of Discards assessment project, funded from food and agriculture organization (FAO) of the united nations for provision of 'Support the monitoring of fisheries and fisheries resources in Egypt' 2019 to present.
 - Leader of Fish stock assessment team of FAO-EastMed project (funded from food and agriculture organization of the united nations) in GSA 26 (Egypt), from 2011 to present.
 - Team leader of the development and management of Lake Nasser for crocodiles culture and productions in upper Egypt. 2020 to present.
 - Team Leader of "Development plan of Egyptian Fishing ports" within the framework of "Master Plan For Egyptian Commercial Ports Until 2030" prepared by Arab Academy for Science, Technology and Maritime Transport, submitted to the Egyptian Ministry of Transport 2020.
 - Leader of Egyptian fisheries team in (Sea Around Us Project) rationale for reconstructing catch for the last 50 years (Egypt) supported by Fisheries centre, University of British Colombia, Canada from 2014 to 2017.
 - Leader of fisheries team of FORCE project (Fisheries & aquaculture Oriented Research Capacity in Egypt), (European Union), from 2011 to 2014.
 - Leader of the team group working in a study plan concerned the 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.
 - Leader of the research team in "Halaieb-Shalatien Fisheries Development Project" in the Red Sea "Egypt" from 1996 to 2000.
 - Create a new fishing method used in the fish farms around Lake Edko 1996.
 - A member of the research team in studying "The surrounding fish farms around Lake Edko" from 1995 to 1996.
 - A member of the research team in "Manzalah Lake Management Project" from 1993 to 1995.
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5- ACADEMIC ACTIVITIES

- Board member of the Egyptian General Authority For Shores Protection, from 2019 to present.
- Board member of the Egyptian Centre of Excellence on Climate Change (CoE), to help national/local authorities, private sector and civil society within Egypt succeed at developing and implementing effective climate change responses for mitigation and adaptation. From 2019 to present.

- Selected in the expert list on the effect of Lessepsian species on Fisheries of the Eastern Mediterranean (Food and Agriculture Organization, United Nation) from 2013 to present.
 - Selected in the expert list of the permanent experts on the stock assessment in the Eastern Mediterranean (Food and Agriculture Organization, United Nation) from 2011 to present.
 - Lecturer in General Authority of Fisheries Resources Development (GAFRD), from 20 June, 2010 to present.
 - Coordinator of FISHBONE project concerning the identification of stock unit(s) of round sardinella in the eastern Mediterranean, funded by FAO (Food and Agriculture Organization, United Nation) from 2019 to 2021.
 - Gave a training on line courses in stock assessment to the experts of Palestine, delivered to FAO (Food and Agriculture Organization, United Nation) 2017 and 2018.
 - Participated in the Global Atlas of Marine Fisheries, A Critical Appraisal of Catches and Ecosystem Impacts. Fisheries Center, University of British Columbia, Vancouver, Bc, V6T, Canada, October, 2016.
 - Wrote a book Titled: An overview on the stock assessment and fisheries management for the Arabian countries. Arab Organization for Agriculture development (AOAD). 2015.
 - Created and designed identification sheets of the Eastern Mediterranean fish and mollusca species with cooperation with Food and Agriculture Organization (FAO), United Nation 2014.
 - Chairman of Management and development committee of Bardawil Lake in North Sainai, Egypt, from 2013 to 2014.
 - Reviewer in Science and Technology Development Fund (STDF), Aquaculture and Fisheries Projects Call, Cairo, Egypt 2013.
 - Prepare and gave a variety of lectures and seminars in fisheries and fisheries biology fields in (NIOF) and other associations.
 - Reviewed a lot of scientific papers especially in King Abd El-Aziz University Journal, Jeddah Saudia Arabia and Frontiers in Marine Science.
 - Participated in the Egyptian Society of Experimental Biology.
 - Participated in the Arabian Society of Aquaculture.
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6- THESIS SUPERVISIONS

- Supervisor on 3 M.Sc. Thesis under the titles:
 1. Fisheries management of Cichlid fishes in the Nozha Hydrodrome, Alexandria, Egypt. Oceanography Dep., Faculty of Science, Alexandria University, Egypt.
 2. Stock Assessment and Management of Diplodus species in Abu Qir Bay, Alexandria, Egypt. Oceanography Dep., Faculty of Science, Alexandria University, Egypt.
 3. Fisheries assessment and management of Lizard fish (*Synodus saurus*) in front of Alexandria, Egypt. Oceanography Dep., Faculty of Science, Alexandria University, Egypt.
 - Supervisor on 7 Ph.D. Thesis under the titles:
 1. Population Dynamics and Fisheries Management of Speckled Shrimp *Metapenaeus Monoceros* (Penaeidae) in the Egyptian Mediterranean waters. Oceanography Dep., Faculty of Science, Alexandria University, Egypt.
 2. 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.
 3. Abundance, Distribution and Fishery Investigations of Family Mullidae in the Mediterranean Waters of Egypt. Faculty of agriculture (Saba Basha), Alexandria University, Egypt.
 4. Biology and phylogeny of a Lessepsian migrant threadfin bream (*Nemipterus* sp) from Mediterranean Sea and Red Sea, Egypt- A comparative study. Oceanography Dep., Faculty of Science, Alexandria University, Egypt.
 5. Fisheries Biology and Management of Family Trichiuridae in the Egyptian Mediterranean. Oceanography Dep., Faculty of Science, Alexandria University, Egypt.
 6. 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.
 7. Assessment the fisheries status of the European hake *Merluccius Merluccius* (Linnaeus, 1758) stock in the Egyptian Mediterranean's water. Faculty of agriculture, Mnophia University, Egypt.
 - Reviewed and examiner of a lot of M.Sc. and Ph.D. Thesis on the national and international levels.
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7- MISSIONS WITH THE FOOD AND AGRICULTURE ORGANIZATION (FAO)-UNITED NATION (UN)

- Working groups on “Stock assessment of demersal species (WGSAD)”, held at FAO-HQ, Rome, ITALY, 9-14 December, 2019.
- FAO-EastMed working group on Fisheries Data Analysis. Rome, Italy, 21-25 October 2019.
- Meeting on round Sardinella stock unit identification in the eastern Mediterranean: detailing tasks and sharing methodologies. Rome, Italy, 21-22 March 2019.
- Stock assessment of the red mullet, *Mullus barbatus* in the Egyptian Mediterranean waters. FishForum, FAO, Rome, Italy. (10-14 Oct. 2018).
- “Stock assessment of the peregrine shrimp *Metapenaeus Stebbingi* in the Egyptian Mediterranean coast (GSA 26)”, in the working groups on “Stock assessment of demersal species (WGSAD) using a Separable VPA-based model in R, held at the General Fisheries Commission for the Mediterranean (GFCM) HQ, Rome, ITALY, 20th November 2018.
- Represent the stock assessment analysis of 3 species in the Egyptian Mediterranean Sea at 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 6 to 13 November 2017, Rome, Italy.
- The summer school for stock assessment by using R Software Organized by (GFCM), FAO. Mazara de vallo, Italy. July 2017.
- 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 6 to 13 November 2016, Rome, Italy.
- 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 23 to 28 November 2015, Rome, Italy.
- The working group on fisheries data analysis. Organized by EastMed project, FAO, United Nation. During the period from 2 to 6 November 2015, Athens, Greece.
- The working group on fisheries data analysis. Organized by EastMed project, FAO, United Nation. During the period from 28 to 30 July 2015, Antalya, Turkey.
- The scientific advisory committee (SAC) for fisheries in the Mediterranean and the Black Sea. Organized by (GFCM) the General Fisheries Commission for 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.
- 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.
- The scientific advisory committee (SAC) for fisheries in the Mediterranean and the Black Sea. Organized by (GFCM) the General Fisheries Commission for 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 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.
 - Meeting on EastMed project (FAO) to organize a trawl survey at the Mediterranean Sea. Mersin, Turkey, 29 February – 01 March 2012.
 - 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).
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8- TRAINING COURSE ON

- Fisheries-dependent data collection conducted by EastMed project (FAO). During the period from 4 to 9 June 2011, Alexandria, Egypt.
 - “Length based stock assessments Methods” within the framework of the EastMed Project (FAO). During the period from 21 – 25 February 2011, Kavala, Greece.
 - Training program “Credit-Hour System and Academic Guidance”. Arab Academy for Science, Technology and Maritime Transport. 23 – 24 Feb. 2015.
 - Training program “Research Team Management”. Arab Academy for Science, Technology and Maritime Transport. 25 – 26 Feb. 2015.
 - Training program “Scientific Conferences Organizing”. Arab Academy for Science, Technology and Maritime Transport. 6 – 7 April 2015.
 - Training program “Preparation of competitive projects for research funding”. Arab Academy for Science, Technology and Maritime Transport. 8 – 9 April 2015.
 - Training program “TRANSAS operational course for TRANSAS Navi-Trainer Professional 5000 Fishing Simulator” “Certificate: 2018-RUS-SIM-0058”, Arab Academy for Science, Technology and Maritime Transport. 27 Feb.– 01 March 2018.
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9- OTHER ACADEMIC MEETINGS AND MISSIONS

- Intersessional Working Group on the Review of the STCW-F Convention, 10 to 14 February 2020, held at IMO Headquarters, 4 Albert Embankment, London, United Kingdom.
 - Workshop on "Analysis of the labour market, compared the educational programmes in EU, Egypt and International Universities and discussed the Development of the Quality Plan", FishAqu (Knowledge Exchange in sustainable Fisheries management and Aquaculture in the Mediterranean region), Aswan, Egypt. From 26 February to 2 March 2020.
 - Workshop on" Transboundary population structure of Round Sardinella in the Eastern Mediterranean – Levantine Basin & EastMed Study Group on intercalibration of fish otolith (Pagellus erythrinus and Sardinella aurita). COISPA Bari, Italy 23-27 July 2018.
 - The Expert meeting to write a book concerning the stock assessment and fisheries management for the Arabian countries. Arab Organization for Agriculture development (AOAD). Khartoum, Sudan, During the period from 5 October to 11 October 2015.
 - Mediterranean regional participatory ComFish meeting on resolving key fisheries issues through targeted communication. During the day 30 January 2015, Brussels, Belgium.
 - Mediterranean regional participatory ComFish meeting on resolving key fisheries issues through targeted communication. During the day 15 June 2014, Rome, Italy.
 - 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
 - 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.
 - 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.
 - Participated 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.
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10- SELECTED INTERNATIONAL ONLINE MEETINGS DURING COVID 19 PERIOD

- Regional conference on the effects of the COVID-19 pandemic on Arab Food Security prepared by The League of Arab States, 20 May 2020.
 - Fisheries data preparation advancements towards the sardinella benchmark, Monday May 4, 2020 at 11AM Rome time.
 - Workshop on " Curricula Development for master program of FishAqu project", FishAqu (Knowledge Exchange in sustainable Fisheries management and Aquaculture in the Mediterranean region), co-financed by the European Commission through the Erasmus+ program, in the area of Capacity Building in the field of Higher Education. 13 and 15 July 2020.
 - Training workshops on LBSPR and LIME (R packages for fisheries analysis and stock assessment), Exploration of a common dataset, Basic run of LIME and LBSPR methods, Batch runs performed using different variables. 29 June, 2 July and 8 July 2020.
 - Some meetings belongs to Frontiers Forum Speakers Sessions concerning different science branches with a lot of international Scientists during 2020-2021.
 - Benchmark session for the assessment of sardinella in GSAs 24, 26 and 27. General Fisheries Commission for the Mediterranean – GFCM. 17 May - 21 May, 2021.
 - Subregional Committee for the Eastern Mediterranean. General Fisheries Commission for the Mediterranean – GFCM. 25 May- 27 May, 2021.
 - Scientific Advisory Committee on Fisheries (SAC) - 22nd session, General Fisheries Commission for the Mediterranean – GFCM. 22 Jun - 25 Jun, 2021.
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11- SELECTED CONFERENCES

- Attended the (International Maritime Transport & Logistics Conference "MARLOG 10", Digitalization in Ports & Maritime Industry), held at Hilton Green Plaza Hotel, Alexandria, Egypt, 13 – 15 June 2021.
- Attended the Academy's Industrial Advisory Council in its third session at the Academy's headquarters in the new city of El Alamein, 31-3-2021.
- Attended the (International Maritime Transport & Logistics Conference "MARLOG 10", Digitalization in Ports & Maritime Industry), held at Hilton Green Plaza Hotel, Alexandria, Egypt, 2020.
- Attended the (International Maritime Transport & Logistics Conference "MARLOG 10", Digitalization in Ports & Maritime Industry), held at Hilton Green Plaza Hotel, Alexandria, Egypt, 2019.
- Attended the Egyptian- Italian workshop on Blue Economy, by a lecturer on the Egyptian Fisheries in the framework of Blue Economy, A step for the sector sustainability. January 17-18, 2018, Alexandria Bibliotheca, Egypt.
- The 26th international conference on "Environmental protection is a must". During the period from May 2016, Alex., Egypt.
- Attended the (International Maritime Transport & Logistics Conference "MARLOG 10", Digitalization in Ports & Maritime Industry), held at Hilton Green Plaza Hotel, Alexandria, Egypt, 2016.
- The 25th international conference on "Environmental protection is a must". During the period from May 2015, Alex., Egypt.
- The 24th international conference on "Environmental protection is a must". During the period from May 2014, Alex., Egypt.
- The 23th international conference on "Environmental protection is a must". During the period from 14 – 16 May 2013, Alex., Egypt.
- Attended the (International Maritime Transport & Logistics Conference "MARLOG 10", Digitalization in Ports & Maritime Industry), held at Hilton Green Plaza Hotel, Alexandria, Egypt, 2013.
- 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 22th international conference on "Environmental protection is a must". During the period from 22 – 24 May 2012, Alex., Egypt.
- The 21th international conference on "Environmental protection is a must". During the period from 17 – 19 May 2011, 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 3rd international conference on aquatic resources "Prospects and challenges" ICAR- 2009. During the period from 17 – 20 November 2009, Alex., Egypt.
 - The 19th international conference on "Environmental protection is a must". During the period from 16 – 18 May 2009, 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 2nd international conference on aquatic resources "Integrated coastal zone management and sustainable development". During the period from 22 – 25 November 2008, Alex., Egypt.
 - The 18th international conference on "Environmental protection is a must". During the period from 10 – 12 May 2008, Alex., Egypt.
 - The 17th international conference on "Environmental protection is a must". During the period from 12 – 14 May 2007, Alex., Egypt.
 - The 10th international conference on "The oil and the environment". During the period from 17 – 19 February 2007, 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 16th international conference on "Environmental protection is a must". During the period from 13 – 15 May 2006, Alex., Egypt.
 - The 9th international conference on "The oil and the environment". During the period from 6 – 8 February 2006, Alex., Egypt.
 - The 15th international conference on "Environmental protection is a must". During the period from 3 – 5 May 2005, Alex., Egypt.
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12- PUBLICATIONS

1- In preparation:

- a. Age and Growth of *Anguilla anguilla* in the northern lakes of Egypt.
 - b. Assessment of the striped red mullet *Mullus surmuletus* off the Egyptian Mediterranean coast.
 - c. Stock assessment of *Mullus barbatus* in the Egyptian Mediterranean waters
 - d. Assessment of *Metapenaeus stebbingi* stock in the Egyptian Mediterranean coast using a VPA-Based Model.
- 2- Khalfallah, M., Mahmoud, H. Fahim, R.M., Pauly, D. (2021). Once upon a century, the Mediterranean Egyptian fishery: marine catch reconstructions, fishing down and climate change between 1917 and 2017. Submitted for Publication.
 - 3- Jemaa S., Lteif M. Mahmoud H., Fahim R.M., Madi A., Tiraşin EM., Öztürk S., Kiliç S., Fakhri M., Khalaf G., Vasconcello M., Lelli S., Carbonara P. (2021). What can otolith shape tell us about the stock structure of round Sardinella (*Sardinella aurita*) in the Eastern Mediterranean Sea?. Submitted for Publication.
 - 4- Abou-Zeid, S., Mahmoud, H., Fahim, R.M., Tserpes, G., El-Sayed, A. (2021). Population dynamics and management of Atlantic horse mackerel (*Trachurus trachurus*) stock in the Western Egyptian Mediterranean waters. Submitted for Publication.
 - 5- 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.
 - 6- Assessment of inshore commercial fisheries of Halaieb / Shalatien area "Red Sea". Egyptian J. of Aquatic Research, 2009, Vol. 35, No.(1), pp: 148-164.
 - 7- 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.
 - 8- 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.
 - 9- 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.

- 10- Fishery status of Halaieb / Shalatien area "Red Sea, Egypt". Egyptian J. of Aquatic Research, 2009, Vol. 35, No. (3), pp: 325 – 343.
 - 11- 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.
 - 12- 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.
 - 13- 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.
 - 14- 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.
 - 15- Fisheries management of cichlid fishes in Nozha Hydrodrome, Alexandria, Egypt. Egyptian J. of Aquatic Research, 2013, Vol. 39, No. (4), 283 – 289.
 - 16- 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.
 - 17- Reconstruction of marine fisheries statistics in the Egyptian Mediterranean Sea, 1950-2010, Fisheries Center, University of British Columbia, Vancouver, Bc, V6T, Canada, Papers Series 85: 16. Island Press., 2015.
 - 18- Towards sustainable fisheries management in emerging markets: An overview of properties, gaps and opportunities in Egypt. J. of Marine Policy, Vol. 72, (2016) 1–10.
 - 19- Feeding ecology of *Mullus barbatus* and *Mullus surmuletus* off the Egyptian Mediterranean coast. International Journal of Fisheries and Aquaculture Studie. (2017); Vol. 5(6): 321-325.
 - 20- Stock assessment of the red mullet, *Mullus barbatus* in the egyptian mediterranean waters. FishForum, FAO, Rome, Italy. (10-14 Oct. 2018), Poster presentation.
 - 21- Some biological aspects and population dynamics of the gilthead sea bream from Bardawil lagoon, Sinai, Egypt. Egyptian Journal of Aquatic Biology and Fisheries. (2018). 22(5):295-308.
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13- LANGUAGES

- Arabic | Mother Tongue.
- English | Professional Level.