



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.

02/2024 – Present

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

02/2015 – 01/2024

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 / Shalaten 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

- Coordinator for the management strategy evaluation (MSE) in Egypt with food and agriculture organization (FAO) of the United Nations, from 2026 to present.
- Coordinator for the small pelagic species in Egypt with the General Fisheries Commission for the Mediterranean (GFCM), food and agriculture organization (FAO) of the United Nations, from 2022 to present.
- Coordinator for the red shrimp species in Egypt with the General Fisheries Commission for the Mediterranean (GFCM), food and agriculture organization (FAO) of the United Nations, from 2023 to present.
- Leader of Fish stock assessment team of **MEDSEA4FISH** project, (funded from GFCM, General Fisheries Commission for the Mediterranean, food and agriculture organization (FAO) of the United Nations) in GSA 26 (Egypt), from 2023 to present.
- Team Leader of vulnerable species assessment of **MEDSEA4FISH** project, funded from (FAO) of the United Nations for provision of 'Support the monitoring of fisheries and fisheries resources in Egypt' 2023 to present.
- 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.

- Moderator of a session in the workshop under the title: Issues and Priorities for Adaptation to Climate Change in Fisheries Sector, Held at Maryout Hotel, Cairo, Egypt, 6 – 7 May 2024.
 - 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 2022.
 - Team leader of the development and management of **Lake Nasser** for crocodiles culture and productions in upper Egypt. 2020 to 2024.
 - 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 Columbia, 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 of 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-Shalati** 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 Supreme Council of the Egyptian Universities, Agricultural Sector Committee. From 2025 till present.
- Teaching a course of (Fishery biology, Population Dynamics, Coral Reef fisheries and Fisheries science) to the under graduate and Master students of college of fisheries and aquaculture technology, Arab Academy for Science, Technology and Maritime Transport.
- Teaching a course of Fishery biology to the Master students of Oceanography Department, Faculty of Science, Alexandria University during the years 2021, 2022.
- 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.
- Gave training course in stock assessment to the experts of Palestine, in college of Fisheries and Aquaculture Technology, Arab Academy for Science, Technology and Maritime Transport, funded by FAO (Food and Agriculture Organization, United Nations) 2022.
- Board member of the Egyptian General Authority For Shores Protection, from 2019 to 2020.
- Selected in the expert list on the effect of Lessepsian species on Fisheries of the Eastern Mediterranean (Food and Agriculture Organization, United Nations) 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 Nations) 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 Nations) from 2019 to 2021.
- Gave training online courses in stock assessment to the experts of Palestine, delivered to FAO (Food and Agriculture Organization, United Nations) 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- Selected Professional Activities

- **Policy making:**

Advisory Committee for the Development and Management of Lake Edku.

Advisory Committee for the Development and Management of Lake Mariout.

Scientific Advisor for Egyptian Lakes Development Committee.

Scientific Advisor to Beheira Governorate.

Scientific Advisor to Damietta Governorate.

- **Scientific Consultancy:**

Lake and Fish Resources Protection and Development Agency (LFRPDA).

Egyptian Fishing & Equipment Company.

Mariout Fish Farms Company

7- THESIS SUPERVISIONS.

- **Supervisor on 9 M.Sc. Thesis under the titles:**

1. Biological Aspects and Population Dynamics of the European pilchard *Sardina pilchardus* (Walbaum, 1792) in the Southeastern Mediterranean waters. Submitted by: Mohab Mahmoud Badreldin College of Fisheries and Aquaculture Technology, Arab Academy for Science, Tecnology and Maritime Transport (2025).
2. DNA Barcoding as a Tool for Evaluating Genetic Diversity and Morphological Characteristics of *Sparus aurata* in Egypt. Submitted by: Engy Samy Nour, College of Fisheries and Aquaculture Technology, Arab Academy for Science, Tecnology and Maritime Transport (2025).
3. Age, Growth and Maturity of the Bogue, Boops boops (Linnaeus, 1758), Caught off the Egyptian Mediterranean Water. Submitted by: Ahmed Ehab Abbas, College of Fisheries and Aquaculture Technology, Arab Academy for Science, Tecnology and Maritime Transport (2025).
4. Application of Length-Based, Data-Limited Stock Assessment Methods to European Anchovy, *Engraulis encrasicolus* (Linnaeus, 1758) in the Egyptian Mediterranean Water. Submitted by: Adham Tareq El Ebrashi, College of Fisheries and Aquaculture Technology, Arab Academy for Science, Tecnology and Maritime Transport (2025).
5. Impact of Dietary Nano-Chitosan and Lead Exposure on Growth, Chemical Composition, Biochemical Parameters, and Histology in Thin-Lipped Mullet (*Liza ramada*, Risso, 1826). Submitted by: Alaa Aziz Helmy, College of Fisheries and Aquaculture Technology, Arab Academy for Science, Tecnology and Maritime Transport (2025).

6. The impact of dietary substitution of the Caridean shrimp, *Palaemon serratus* for fish meal on growth, nutrition efficiency and immunity of *Dicentrarchus labrax*, Submitted by: Toka Shohdy Mohamed Said, College of Fisheries and Aquaculture Technology, Arab Academy for Science, Tecnology and Maritime Transport (2025).
 7. Fisheries assessment and management of Lizard fish (*Synodus saurus*) in front of Alexandria, Egypt. Submitted by: Khaled Mahmoud Gomaa, Oceanography Dep., Faculty of Science, Alexandria University, Egypt (2018).
 8. Fisheries management of Cichlid fishes in the Nozha Hydrodrome, Submitted by: Abeer El-Samman Mohamed Alexandria, Egypt. Oceanography Dep., Faculty of Science, Alexandria University, Egypt (2011).
 9. Stock Assessment and Management of *Diplodus* species in Abu Qir Bay, Alexandria, Egypt. Submitted by: Adel Mohamed Saleh Adam, Oceanography Dep., Faculty of Science, Alexandria University, Egypt (2010).
- **Supervisor on 7 Ph.D. Thesis under the titles:**
 1. A comparative biological and genetic study of the Lessepsian threadfin bream *Nemipterus randalli* from the Red Sea and the Mediterranean Sea, Egypt. Submitted by: Reham Kamal ElDin El-sheikh, Oceanography Dep., Faculty of Science, Alexandria University, Egypt (2024).
 2. Population Dynamics and Fisheries Management of Speckled Shrimp *Metapenaeus Monoceros* (Penaeidae) in the Egyptian Mediterranean waters. Submitted by: Khaled Mahmoud Gomaa, Oceanography Dep., Faculty of Science, Alexandria University, Egypt (2023).
 3. Assessment the fisheries status of the European hake *Merluccius Merluccius* (Linnaeus, 1758) stock in the Egyptian Mediterranean's water. Submitted by: Hisham Mohamed El-gazzar, Faculty of agriculture, Mnophia University, Egypt (2022).
 4. Fishery biology and fisheries management of *sparus urata* and *dicentrarchus labrax* in Bardawil lagoon, North Sainai, Egypt. Submitted by: Mohamed Abd El-nabi, Department of Zoology, Faculty of Science, Zagazig University (2019).
 5. Abundance, Distribution and Fishery Investigations of Family Mullidae in the Mediterranean Waters of Egypt. Submitted by: Reda Magdy Fahim, Faculty of agriculture (Saba Basha), Alexandria University, Egypt (2018).
 6. Age, growth and stock assesement of largehead hair tail (*trichiurus lepturus*) from the Egyptian Meditreranean waters off Alexandria. Submitted by: Abeer El-Samman Mohamed, Oceanography Dep., Faculty of Science, Alexandria University, Egypt (2017).
 7. Effect of environmental changes on the biological characteristics of some important mullets species in Egypt. Submitted by: Waled Nagi Abd El-kader, Faculty of agriculture (Saba Basha), Alexandria University, Egypt (2016).
 - Reviewed and examiner of a lot of M.Sc. and Ph.D. Thesis on the national and international levels.

8- MISSIONS WITH THE FOOD AND AGRICULTURE ORGANIZATION (FAO)-UNITED NATION (UN)

- Working Group on Vulnerable Species held at FAO-HQ, Rome, Italy, 30 - 31 March 2026.
- Erasmus+ Programme of the Uropan Uonion, AquaVIT project, staff training, held at the Istituto Zooprofilattico Sperimentale delle Venezie, Legnaro (Padova), Italy, from 23-27 February 2026.
- Workshop on harvest strategy development and the use of management strategy evaluation (MSE), held at Tolip Hotel in Alexandria, Egypt, from 27-29 January 2026.
- Working groups on "Stock assessment of demersal species (WGSAD) for invertebrates, held at FAO-HQ, Rome, ITALY, 15-19 December 2025.
- Working groups on "Stock assessment of small pelagic species (WGSASP), held at FAO-HQ, Rome, ITALY, 8-12 December 2025.

- Participate in Data preparation meeting for Deep-water red shrimps in the Eastern-Central Mediterranean and Data preparation meeting for Eastern Mediterranean stocks, held at FAO-HQ, Rome, ITALY, 10-14 November 2025.
- Working groups on “Stock assessment of demersal and small pelagic species (WGSAD), held at FAO-HQ, Rome, ITALY, 9-14 December 2024.
- Data preparation meeting for Eastern Mediterranean demersal and small pelagic stocks. Held at FAO-HQ Rome, Italy, 21 – 26 October 2024.
- Analysis of discards in the Egyptian Mediterranean trawl fisheries. Fish Forum in Antalya, Türkiye on 19 - 23 February 2024.
- Working groups on stock assessment of demersal (WGSAD) and small pelagic (WGSASP) species, held at Rome, Italy, 11 to 16 December 2023.
- Data preparation meeting for Eastern Mediterranean stocks. Held at FAO-HQ Rome, Italy, 17 – 20 October 2023.
- Data preparation meeting for deep-water red shrimps in the eastern and central Mediterranean, held at FAO-HQ Rome, Italy, 16 – 17 October 2023.
- Benchmark assessment of *Sardinella aurita* in the Eastern Mediterranean, held at FAO-HQ, Rome, ITALY, 3-6 April, 2023.
- Working groups on “Stock assessment of demersal species (WGSAD), held at FAO-HQ, Rome, ITALY, 12-17 December 2022.
- Data preparation meeting for eastern Mediterranean stocks, Rome, Italy, 22 - 25 November 2022.
- 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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9- TRAINING COURSE ON

- 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.
- 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.

- 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.
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10- 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, 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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11- SELECTED INTERNATIONAL ONLINE MEETINGS DURING AND AFTER COVID 19 PERIOD

- Introductory session on GFCM Working Group on MSE of Mediterranean stocks, 19 January 2026, hybride, Rome, Italy.
- The 33rd International Conference on computer theory and applications (ICCTA), 16-18 December 2023. Arab academy for science technology and maritime transport.
- 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. prepared by FAO.
- 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, prepared by FAO.

- 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. FAO (UN).
 - Subregional Committee for the Eastern Mediterranean. General Fisheries Commission for the Mediterranean – GFCM. 25 May- 27 May, 2021. FAO (UN).
 - Scientific Advisory Committee on Fisheries (SAC) - 22nd session, General Fisheries Commission for the Mediterranean – GFCM. 22 Jun - 25 Jun, 2021. FAO (UN).
 - GFCM Subregional Committee for the Eastern Mediterranean (SRC-EM), 10 – 13 May 2023. FAO (UN).
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12- SELECTED CONFERENCES

- Attended the (International Maritime Transport & Logistics Conference “MARLOG 15”, SMART & RESILIENT, LOGISTICS CORRIDORS, FUTURE GATEWAY TO THE GREEN WORLD TRADE), held at Hilton Green Plaza Hotel, Alexandria, Egypt, 8 – 10 February 2026.
- Attending the International Conference on Cybertechnology and Future Networks (ICCFN 2025), taking place at Arab Academy for Science, Technology and Maritime Transport, AASTMT, Smart Village, 22–23 December 2025 Egypt.
- Attending the meeting concerning the co-chairmanship of the partnership for research and innovation in the Mediterranean area (PRIMA) program. held at Arab Academy for Science, Technology and Maritime Transport, Alexandria, Egypt, 10 December 2025.
- Attending the 34th international conference on Computer Theory and Applications ICCTA, held at Arab Academy for Science, Technology and Maritime Transport, Alexandria, Egypt, 14-16 December 2024.
- Attending the international conference of Qualifications Frameworks and Fourth Generation Universities, held at Arab Academy for Science, Technology and Maritime Transport, Alexandria, Egypt, December 2023.
- Attending the international conference of the LIFE4MEDECA & BMM European Union projects, Livorno Port Authority, SDG4MED Italy and EU Delegation in Egypt, from 18 to 19 September 2023 , Bibliotheca Alexandrina, Egypt.
- Attended the (International Maritime Transport & Logistics Conference “MARLOG 12”, Digitalization in Ports & Maritime Industry), held at Hilton Green Plaza Hotel, Alexandria, Egypt, 12 – 14 March 2023.
- Attended the 3rd -international scientific conference for professional studies and labor market, Aleksander Moisiu University, Albania, April 2022.
- Attended the (International Maritime Transport & Logistics Conference “MARLOG 11”, Digitalization in Ports & Maritime Industry), held at Hilton Green Plaza Hotel, Alexandria, Egypt, 20 – 22 March 2022.
- 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 9”, Digitalization in Ports & Maritime Industry), held at Hilton Green Plaza Hotel, Alexandria, Egypt, 2020.
- Attended the (International Maritime Transport & Logistics Conference “MARLOG 8”, 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”, 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”, 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.

13- PUBLICATIONS

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- 2- Mohab Badreldin, Reda M. Fahim, Lafi Al Solami, **Hatem H. Mahmoud**, **Biological** Aspects and Population Dynamics of the European pilchard *Sardina pilchardus* (Walbaum, 1792) in the Southeastern Mediterranean

- waters. *Journal of Fish Biology*, ISSN 1095 – 8649, 107 (4), 1–15, DOI: (<https://doi.org/10.1111/jfb.70285>), **Q2** web of science, scopus (2025).
- 3- Adham El Ebrashi, Reda M. Fahim and **Hatem H. Mahmoud**. **Application** of Length-Based, Data-Limited Stock Assessment Methods to European Anchovy, *Engraulis encrasicolus* (Linnaeus, 1758) in the Egyptian Mediterranean Water. *Egyptian Journal of Aquatic Biology & Fisheries*, Zoology Department, Faculty of Science, Ain Shams University, Cairo, Egypt. ISSN 1110 – 6131, 29 (4), 1275 - 1291, DOI: (<https://doi.org/10.21608/ejabf.2025.443053>) (2025).
 - 4- Alaa Aziz, Hala Saber Khalil, Haiam M. Aboul-Ela, **Hatem H. Mahmoud**, **Impact** of Dietary Nano-Chitosan and Lead Exposure on Growth, Chemical Composition, Biochemical Parameters, and Histology in Thin-Lipped Mullet (*Liza ramada*, Risso, 1826). *Egyptian Journal of Aquatic Biology & Fisheries*, Zoology Department, Faculty of Science, Ain Shams University, Cairo, Egypt. ISSN 1110 – 6131, 29 (3), 607 – 641, DOI: (<https://doi.org/10.21608/ejabf.2025.427849>), (2025).
 - 5- Toqa S. M. Saif · **Hatem H. Mahmoud** · Ashraf I. G. Elhetawy · Reda M. Fahim · Hosam E. Elsaied · Mohamed M. Abdel-Rahim. **Replacing** fishmeal with *Palaemon serratus* meal enhances growth, carcass traits, digestive enzymes, immune-physiological response, antioxidants, and inner organ histopathology of *Dicentrarchus labrax*. *Aquaculture International*, 33 (355), DOI: (<https://doi.org/10.1007/s10499-025-01997-8>) **Q2** web of science (2025).
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 - 7- Ahmed E. Abbas, Reda M. Fahim and **Hatem H. Mahmoud**. **Age**, Growth and Maturity of the Bogue, *Boops boops* (Linnaeus, 1758), Caught off the Egyptian Mediterranean Water. *Egyptian Journal of Aquatic Biology and Fisheries*, Zoology Department, Faculty of Science, Ain Shams University, Cairo, Egypt. ISSN 1110 – 6131,29(4), 1219-1231. DOI: (<https://doi.org/10.21608/ejabf.2025.442870>) (2025).
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- 22- **Hatem H. Mahmoud**. **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.
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- 26- Amany M. Osman and **Hatem H. Mahmoud**. **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.
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14- LANGUAGES

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