



TAGEM
R&D AND INNOVATION

WESTERN MEDITERRANEAN AGRICULTURAL
RESEARCH INSTITUTE/ ANTALYA

COŞKUN MENDERES AYDIN

Fisheries Technology Engineer

EDUCATION

Assoc. prof

PhD
2012-2023
Dokuz Eylül University
Natural Science Institute

MSc
2009-2011
Süleyman Demirel University
Natural Science Institute

Bachelor's Degree
1997-2001
Karadeniz Technical University
Marine Sciences Faculty

LANGUAGE
English YDS 60

CAREER

2009-Continue Ministry of Agriculture and Forestry,
Mediterranean Fisheries Research, Production and Training
Institute.

2007 – 2009 Ministry of Agriculture and Forestry,
Amasra/BARTIN.

ABOUT ME

He was born in 1979 in Istanbul. In 2001, he graduated from KTU Faculty of Marine Sciences. He started his PhD program at Dokuz Eylül University Institute of Natural and Applied Sciences in 2012 and graduated in 2023.

I have been working at the Ministry of Agriculture, where I started to work as an Engineer in 2007, and have been continuing work at the Mediterranean Fisheries Research, Production and Training Institute since 2009. I've been working on population dynamics, lagoon management and demersal fisheries resources.

CONTACT

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COŞKUN MENDERES AYDIN

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■ **PROJECTS**

■ **Projects Conducted**

1. Investigation of transporting, planting and the production facilities for the protection of *P. oceanica*. (Project Coordinator)
2. Investigate of Meat Composition and Some Biologic Parameters For Blue Crabs (*Callinectes sapidus*, Rathbun, 1896) in Beymelek Lagoon. (Researcher)
3. Determination of By-catch Compositions and rates on Bottom Trawl Fishing in Antalya Bay. (Researcher)
4. Selectivity of Different Hook Size In Bottom Longline In Finike Bay. (Researcher)
5. Pilot study on the collection of fisheries data in Antalya bay, Turkey / FAO-Eastmed Project. (Researcher)
6. "Estimation of Stock Sizes of Demersal Fish Stocks along the Mediterranean Coast of Turkey" Project. (Project Coordinator).
7. "Investigation on the Biological Characteristics and Estimation of Stock Sizes of Commercial Shrimp Species in Antalya Bay" Project. (Researcher)
8. Development of an EAF management plan for the small scale fishery in Gökova Bay, Turkey / FAO-Eastmed Project. (Researcher)
9. Implementation of Stock Assessments in Fisheries Activities (Focal point of Institute)
10. Determination of the Propagation Areas, Biology and Tetrodotoxin Levels of Balloon Fish in Turkish Coasts, Investigation of Possible Control Methods and Determination of Propagation Areas of Lion Fish in Aegean Sea and Mediterranean Sea- TAGEM- (Researcher)
11. Determination of Reproduction Periods Based on Egg and Larval Data of Commercial Fish Species in Antalya Bay – TAGEM – (Researcher)
12. National Fisheries Genetic Database - TAGEM – (Researcher)
13. My Lagoon Project - Western Mediterranean Development Agency (Project Coordinator)
14. Life in Water-TUBITAK (Researcher)
15. Experimental Trawl Survey in Lebanese Waters, FAO/GFCM (Project Coordinator)
16. Implementation of Stock Assessments in Fisheries Activities: A Model of Beymelek Lagoon (Project Coordinator)



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■ Ongoing Projects

1. National Fisheries Genetic Database (Researcher)
2. Monitoring of Demersal Fisheries Resources on the Mediterranean Coast of Turkey TAGEM – ((Project Coordinator)
3. The Effects of Climate Change on Fisheries Stocks and the Determination of the Distribution Areas of Invasive Alien Species in Our Seas (Researcher)

■ PUBLICATIONS

■ INTERNATIONAL ARTICLES AND PAPERS

■ Articles Published in International Journals

1. Sumer, C., Teksam, I., Karatas, H., Beyhan, T., Aydın, C.M., 2013. Growth and Reproduction Biology of the Blue Crab, *Callinectes sapidus* Rathbun, 1896, in the Beymelek Lagoon (Southwestern Coast of Turkey). *Turkish Journal of Fisheries and Aquatic Sciences* 13: 675-684.
2. Ünlüoğlu, A., Akalın, S., Dal, İ., Tıraşın, E. M., Aydın, C. M., 2018. First record of red cornetfish *Fistularia petimba* (Syngnathiformes:Fistulariidae) from Antalya and İskenderun Bays along Turkish Coasts of the Mediterranean Sea. *Journal of Applied Ichthyology*, 34(4), 977-980.
3. Gücü, A.C., Tıraşın, E.M., Ünlüoğlu, A., Ok, M., Düzgüneş, E., Karakulak, F.S., Aydın, C.M., Sarıgöz, S., Çolpan, S., 2021. Relative body condition of red mullet (*Mullus barbatus*) and its applicability as an indicator of environmental status. *Regional Studies in Marine Science* 45, 101795
4. Gücü, A.C., Bilir, B., Aydın, C.M., Erbay, M., Kılıç, S., 2021. An Acoustic Study on the Overwintering Black Sea Anchovy in 2020. *Turkish Journal of Fisheries and Aquatic Sciences* 22 (1)
5. **Aydın, C. M., & Tıraşın, E. M. (2023).** Information on the deep-water giant red shrimp *Aristaeomorpha foliacea* (Risso, 1827)(Crustacea, Decapoda, Aristeidae) population in Antalya Bay (Eastern Mediterranean Sea, South of Turkey) based on the MEDITS protocol. *Regional Studies in Marine Science*, 60, 102885.

■ International Papers, Seminars, etc.

■ NATIONAL ARTICLES AND PAPERS

■ Articles Published in National Journals



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■ International Papers, Seminars, etc.

1. Otolith Related Properties and Age Ring Formation of White Grouper (*Epinephelus aeneus* (Geoffroy Saint-Hilaire, 1817)) in The Eastern Mediterranean Sea. Sencer Akalın*, Aydın Ünlüoğlu, E. Mümtaz Tıraşın, C. Menderes Aydın, İsmail Dal and Yılmaz Emre. International Grouper Workshop, 7-8 October 2016. Bodrum/Turkey.
2. Some Observations On The Reproductive Biology Of *Squalus blainvillei* Along The Western Mediterranean Coast Of Turkey. Eyüp Mümtaz TIRAŞIN , Coşkun Menderes AYDIN , Sencer AKALIN , İsmail DAL, Aydın ÜNLÜOĞLU. International Symposium on Fisheries and Aquatic Science 2016, Antalya/TURKEY
3. Fisheries Resources Along The Mediterranean Coast Of Turkey Based On Bottom-Trawl Surveys. Coşkun Menderes AYDIN , Eyüp Mümtaz TIRAŞIN , Aydın ÜNLÜOĞLU , İsmail DAL , Murat YEŞİLTAAŞ , Sencer AKALIN , Serkan ERKAN , Merve KARAKUŞ , Gazi UYSAL , Süleyman ÖZTÜRK , Süleyman SARIGÖZ , Cihan TOSLAK , Yılmaz EMRE. International Symposium on Fisheries and Aquatic Science 2016, Antalya/TURKEY
4. Preliminary Results On The Fecundity Of *Argentina sphyraena* In Antalya Bay (Eastern Mediterranean Sea) Aydın ÜNLÜOĞLU , Nesrin EMRE , Eyüp Mümtaz TIRAŞIN , İsmail DAL , Sencer AKALIN, Coşkun Menderes AYDIN. International Symposium on Fisheries and Aquatic Science 2016, Antalya/TURKEY
5. Marine Litter In Antalya Bay: Eastern Mediterranean. Merve KARAKUŞ , İsmail DAL , Coşkun Menderes AYDIN , Gazi UYSAL , Murat YEŞİLTAAŞ , Serkan ERKAN , Süleyman ÖZTÜRK , Süleyman SARIGÖZ, Aydın ÜNLÜOĞLU , E. Mümtaz TIRAŞIN , Sencer AKALIN , Doğuş TAN , Yılmaz EMRE. . International Symposium on Fisheries and Aquatic Science 2016, Antalya/TURKEY
6. Coşkun Menderes AYDIN, Eyüp Mümtaz TIRAŞIN, İsmail DAL, Aydın ÜNLÜOĞLU. Carapace Length–Weight Relationships of *Parapenaeus longirostris* and *Aristeus antennatus* in Antalya Bay- 13th International Symposium on Fisheries and Aquatic Sciences-Ankara
7. Coşkun Menderes AYDIN, Eyüp Mümtaz TIRAŞIN. Some Aspects of Population Dynamics of Red Giant Shrimp *Aristaeomorpha foliacea* in Antalya Bay (Decapoda: Aristeidae) – 13th International Symposium on Fisheries and Aquatic Sciences-Ankara
8. Length-Weight Relationship of Common Pandora (*Pagellus erythrinus* Linnaeus 1758) in Antalya Bay -13th International Symposium on Fisheries and Aquatic Sciences Ankara
9. Ünlüoğlu, A., Aydın, C.M., Veske, E., Akalın, S., Ballıkaya, G., 2021. Monthly Variations In The Trammel Net Catch Composition In Beymelek Lagoon, Turkey. Uluslararası Balıkçılık ve Suçul Bilimler Sempozyumu 2021, İzmir/TÜRKİYE
10. Merve Karakuş, **Coşkun Menderes Aydın**, E.Mümtaz Tıraşın. Age and growth of the devil lionfish, *Pterois miles* (Bennet, 1828), in Kaş-Kekova MPA (Eastern Mediterranean). The 6th International Marine Connectivity Conference



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▪ NATIONAL ARTICLES AND PAPERS

▪ Articles Published in National Journals

1. **Aydin, C.M.**, Bolat, Y., 2014. The Selectivity of Different Hook Size in the Bottom Longline which Used for Catching White Seabream (*Diplodus sargus* L., 1758) in Finike Bay. *Journal of Fisheries Sciances* 8(3): 186-193
2. **Aydin, C. M.**, & Tıraşın, E. M. (2023). Observations on the Stock Dynamics of Red-Blue Shrimp *Aristeus antennatus* (Risso, 1816) in Antalya Bay. *Acta Aquatica Turcica*, 19(2), 088-108.
3. Koçak, C., **AYDIN, C. M.**, & Ünlüoğlu, A. (2023). Occurrence of *Homola barbata* (Fabricius, 1793) (Decapoda, Brachyura) in Finike Bay (Türkiye, Eastern Mediterranean Sea). *Natural and Engineering Sciences*, 8(3), 159-167.
4. Salman, A., Akalın, S., Ünlüoğlu, A., & **Aydin, C. M.** (2023). A checklist and some new records on the teuthofauna of Türkiye in the Northeastern Mediterranean Sea. *Authors Guidelines*, 40(3), 189-194.

National Papers, Seminars, etc.

1. **Coşkun Menderes AYDIN**, Eyüp Mümtaz TIRAŞIN, İsmail DAL, Aydın ÜNLÜOĞLU, Merve KARAKUŞ. Length–weight relationships of *Plesionika edwardsii* (Brandt, 1851) and *Plesionika martia* (Pandalidae: Malacostraca, A. Milne-Edwards, 1883) in the Antalya Bay - 3rd Marine Sciences Conference –İzmir
2. Süleyman ÖZTÜRK , İsmail DAL , Süleyman SARIGÖZ , **C. Menderes AYDIN** , Serkan ERKAN. Length-Weight Relation of *Centracanthus cirrus* Rafinesque (1810) in Antalya Gulf - 3rd Marine Sciences Conference -İzmir

5. OTHER PUBLICATIONS

6. Ph.D. Thesis, Master Thesis, Reports, Books etc.

Selectivity of Different Hook Size In Bottom Longline In Finike Bay (MSc Thesis)
Bioecological Characteristics and Population Parameters of Nlue and Red Shrimp *Aristeus antennaus* (Risso, 1816) and Giant Res Shrimp *Aristaeomorpha foliacea* (Risso, 1827) in Antalya Bay (Phd Thesis)

7. Membership, Training, Course, Meeting, Congress, Symposium and Other Activities