

## Res. Asst. PhD GİZEM AKKUŞ

### Personal Information

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### International Researcher IDs

ScholarID: 1otbW50AAAAJ

ORCID: 0000-0001-6247-4074

Publons / Web Of Science ResearcherID: KLD-7442-2024

ScopusID: 57222720205

Yoksis Researcher ID: 269575

### Education Information

Undergraduate Minor, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, Turkey 2014 - Continues

Doctorate, Middle East Technical University, Institute of Marine Sciences, Marine Biology and Fisheries, Turkey 2016 - 2023

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, Turkey 2009 - 2018

Postgraduate, Middle East Technical University, Institute of Marine Sciences, Marine Biology and Fisheries, Turkey 2014 - 2016

### Foreign Languages

English, C2 Mastery

### Dissertations

Doctorate, The Effects of The Environment on The Black Sea Anchovy - Signals on The Growth, Middle East Technical University, Institute of Marine Sciences, Oceanography, 2023

Postgraduate, A Comparative Assessment of the Black Sea Anchovy Stock by Using Holistic Production and Analytical Age Reading Models, Middle East Technical University, Institute of Marine Sciences, Deniz Biyolojisi Ve Balıkçılığı Anabilim Dalı, 2016

### Research Areas

Seafood, Fisheries, Marine Biology, Environmental Biology, Ecology, Animal Ecology, Biological Oceanography, Biodemography

## Academic Titles / Tasks

Research Assistant PhD, Middle East Technical University, Institute of Marine Sciences, Marine Biology and Fisheries,  
2017 - Continues

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Spatial variation of larval ascaridoid nematode (Nematoda: Chromadorea: Ascaridoidea) infections in the Black Sea anchovy (Engraulis encrasicolus)**  
AKKUŞ G., GÜCÜ A. C.  
TURKISH JOURNAL OF ZOOLOGY, vol.45, no.2, pp.108-116, 2021 (SCI-Expanded)

## Articles Published in Other Journals

- I. **First maturity size of the Black Sea anchovy and its implications on the age-based stock assessment models**  
Akkuş G., Gücü A. C.  
Acta Biologica Turcica, vol.36, no.3, pp.1-10, 2023 (Peer-Reviewed Journal)
- II. **A comparative assessment of the Black Sea anchovy stock using holistic production and analytical age structure models**  
Akkuş G., Gücü A. C.  
Acta Biologica Turcica, vol.35, no.2, 2022 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Latest Estimation of the State of the Black Sea Turbot Stock**  
Akkuş G.  
SOFAS | 2nd International Symposium on Fisheries and Aquatic Sciences, Trabzon, Turkey, 24 - 26 October 2023, pp.1
- II. **KARADENİZ HAMSİSİ İLK ÜREME BOYU DEĞİŞİMİ VE BU DEĞİŞİMİN YAŞA DAYALI STOK DEĞERLENDİRME MODELLERİ ÜZERİNE ETKİSİ**  
Akkuş G., Gücü A. C.  
5. Ulusal Deniz Bilimleri Konferansı, Trabzon, Turkey, 1 - 03 June 2022, pp.65-66
- III. **Differentiation of the Anchovy (Engraulis encrasicolus) Stocks from the Atlantic to the Black Sea using Otolith Shape Analysis**  
AKKUŞ G.  
6th International Symposium on Biological Shape Analysis, Boulogne sur mer, France, 25 June 2019
- IV. **Behavioral Changes Observed in Black Sea Anchovy and Its Possible Causes**  
AKKUŞ G., GÜCÜ A. C.  
Forum on Fisheries Science in the Mediterranean and Black Sea, 10 - 14 December 2018
- V. **Karadeniz Hamsisi'nde Gözlenen Bazı Davranış Değişiklikleri ve Olası Nedenleri**  
AKKUŞ G., GÜCÜ A. C.  
3. Ulusal Deniz Bilimleri Konferansı, Turkey, 9 - 12 May 2018
- VI. **Understanding the Population Structure of the European Anchovy (Engraulis encrasicolus) in the Black Sea, Mediterranean Sea and Northeast Atlantic Ocean by Using Otolith Shape Analysis**  
Akkuş G.  
IOS2018-6th International Otolith Symposium 2018, Keelung, Taiwan, 15 - 20 April 2018, pp.1
- VII. **A comparative assessment of the Black Sea anchovystock by using holistic production and analytical agestructure models**  
AKKUŞ G., GÜCÜ A. C.

IMBER IMBIZO 5: Marine biosphere research for a sustainable ocean: Linking ecosystems, future states and resource management, Boston, United States Of America, 2 - 05 October 2017

VIII. **Ecological Campus: Ecology in Backyard**

Yapan B. Ç., Akkuş G., Başkır, Başkır S., Çoraman, Çoraman E., Oğul, Oğul F. N. N., Özkan K., Tohumcu B. E., Yalçinkaya D.

4th Ecology and Evolutionary Biology Symposium Turkey, Ankara, Turkey, 11 - 13 July 2017

IX. **EFFECTS OF FISHING ON AQUATIC BIODIVERSITY**

AKKUŞ G.

CACFish REGIONAL EXPERT MEETING ON CONSERVATION AND MANAGEMENT OF FISH GENETIC RESOURCES, 2 - 04 May 2017

X. **A Comparative Assessment of the Black Sea Anchovy Stock Using Holistic Production and Analytical Age Structure Models**

AKKUŞ G., GÜCÜ A. C.

Türkiye Deniz Bilimleri Konferansı, Turkey, 31 May - 03 June 2016

XI. **Karadeniz Hamsi Stokunun Analitik Yaş Yapısı ve Bütünsel Üretim Modelleri Kullanılarak Karşılaştırmalı Değerlendirmesi**

AKKUŞ G.

7. Ulusal Çevre ve Ekoloji Kongresi, Ankara, Turkey, 16 - 17 April 2016

## Supported Projects

Akkuş G., Gücü A. C., TUBITAK Project, Kuzeydoğu Akdeniz balık populasyonlarında son 40 yıldaki değişimler, bu değişimlerde ötrofikasyon, balıkçılık baskısı, iklim ve Lessepsian göçünün rolü ve değişimlere yön verme olasılıklarının araştırılması, 2021 - 2024

Akoğlu E., Gücü A. C., Salihoğlu B., Ok M., Akkuş G., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Implementation of Stock Assessment in Fisheries Activities, 2019 - 2021

## Scientific Refereeing

TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, Journal Indexed in SCI-E, October 2023

TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, Journal Indexed in SCI-E, March 2023

TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, Journal Indexed in SCI-E, December 2022

TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, Journal Indexed in SCI-E, September 2022

COMU Journal of Marine Sciences and Fisheries (COMU-JMSF), Other journals, August 2022

TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, Journal Indexed in SCI-E, August 2022

TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, Journal Indexed in SCI-E, May 2022

TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, Journal Indexed in SCI-E, July 2020

## Metrics

Publication: 14

Citation (Scopus): 2

H-Index (Scopus): 1

## Non Academic Experience

IFREMER