

## Asst. Prof. SEÇİL ACAR

### Personal Information

**Office Phone:** [+90 286 218 0018](tel:+902862180018) Extension: 16050

**Email:** [secilkolsal@comu.edu.tr](mailto:secilkolsal@comu.edu.tr)

**Web:** <https://avesis.comu.edu.tr/943>

### International Researcher IDs

ScholarID: IzuJC88AAAAJ

ORCID: 0000-0002-6426-8095

Publons / Web Of Science ResearcherID: AAG-4577-2019

ScopusID: 56128082800

Yoksis Researcher ID: 26729

### Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Su Ürünleri Anabilim Dalı, Turkey 2012 - 2018

Postgraduate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Su Ürünleri Anabilim Dalı, Turkey 2009 - 2012

Undergraduate, Canakkale Onsekiz Mart University, Su Ürünleri Fakültesi, Su Ürünleri, Turkey 2005 - 2009

### Foreign Languages

German, B1 Intermediate

English, B1 Intermediate

### Dissertations

Doctorate, Çardak Lagünü (Çanakkale)'nde Bulunan Yeşil Yengeç, *Carcinus aestuarii* Nardo, 1847'nin Populasyon Yapısı ve Bazı Biyo-ekolojik Özellikleri, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Su Ürünleri Temel Bilimler Anabilim Dalı, 2018

Postgraduate, Çanakkale Boğazı Kıyısız Sularının (0-5 m) Yumuşak Zeminlerinde Bulunan Prosobranchia (Mollusca: Gastropoda) Kommunité Yapısı, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Su Ürünleri Anabilim Dalı, 2012

### Research Areas

Marine Biology, Life Sciences, Environmental Biology, Ecology, Animal Biology, Systematic Zoology, Hydrobiology, Natural Sciences

### Academic Titles / Tasks

Research Assistant PhD, Canakkale Onsekiz Mart University, Deniz Bilimleri ve Teknolojisi Fakültesi, Su Ürünleri Temel Bilimleri, 2011 - Continues

## Courses

Su Omurgasızları , Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Genel Zooloji, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Kıyı Yönetimi, Undergraduate, 2023 - 2024

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

- I. **Evaluation of the health of Mediterranean mussels (*Mytilus galloprovincialis* Lamarck, 1819) distributed in the Çanakkale strait, Turkey**  
Gürkan M., Ertürk Gürkan S., Künili İ. E., Acar S., Özel O. T., Düzgüneş Z. D., Türe M.  
Marine Environmental Research, vol.197, 2024 (SCI-Expanded)
- II. **Assessment of physical carrying capacity of a mariculture zone designated in the Aegean Sea**  
YİĞİT M., ERGÜN S., BÜYÜKATEŞ Y., ATEŞ A. S., ÖZDİLEK H. G., ACAR S.  
Aquaculture International, vol.32, no.2, pp.2249-2261, 2024 (SCI-Expanded)
- III. **Seasonal Effects of Environmental Variables on Molluscan Communities in Çardak Lagoon (Turkish Straits)**  
ATEŞ A. S., Doğan A., ACAR S., BÜYÜKATEŞ Y., DAĞLI E., Bakır A., MÜLAYİM A.  
Russian Journal of Marine Biology, vol.49, no.3, pp.215-228, 2023 (SCI-Expanded)
- IV. **Exotic Polychaetes of a Sewage Pollution Influenced Lagoon (Çardak Lagoon, Turkish Straits)**  
DAĞLI E., ATEŞ A. S., ACAR S., BÜYÜKATEŞ Y., Doğan A., Bakır A. K.  
Sustainability (Switzerland), vol.15, no.11, 2023 (SCI-Expanded)
- V. **Temporal and spatial effects of environmental variables on crustacean communities in Çardak Lagoon (Turkish Straits System) under the influence of domestic pollution**  
Ateş A. S., Mülayim A., Bakır A. K., Acar S., Büyükatdeş Y., Dağlı E., Doğan A., Uzundumlu S., Kedioğlu Ç.  
BIOLOGIA, vol.29, pp.1-10, 2023 (SCI-Expanded)
- VI. **Occurrence of the Scavenger Crustaceans *Natanolana neglecta* (Hansen, 1890) (Isopoda: Cirolanidae) and *Scopelocheirus hopei* (Costa in Hope, 1851) (Amphipoda: Scopelocheiridae) on Benthic-pelagic Fish Species in the Turkish Straits System**  
MÜLAYİM A., ATEŞ A. S., ŞEN Y., ÖZEKİNCİ U., ACAR S.  
ACTA ZOOLOGICA BULGARICA, no.4, pp.529-534, 2022 (SCI-Expanded)
- VII. **A Contribution on the Diet of the Warty Crab, *Eriphia verrucosa* (Forskål, 1775) by Informative Bayesian Stable Isotope Mixing Models**  
ACAR S., ERTÜRK GÜRKAN S., ATEŞ A. S., YALÇIN ÖZDİLEK Ş.  
Russian Journal of Marine Biology, vol.48, no.6, pp.495-503, 2022 (SCI-Expanded)
- VIII. **Occurrence of the Scavenger Crustaceans *Natanolana neglecta* (Hansen, 1890) (Isopoda: Cirolanidae) and *Scopelocheirus hopei* (Costa in Hope, 1851) (Amphipoda: Scopelocheiridae) on Benthic-pelagic Fish Species in the Turkish Straits System**  
Mülayim A., Ateş A. S., Sen Y., Özekinci U., Acar S.  
ACTA ZOOLOGICA BULGARICA, vol.74, no.74, pp.529-534, 2022 (SCI-Expanded)
- IX. **Population structure, growth and reproduction characteristics of the portunid crab, *Carcinus aestuarii* Nardo, 1847 (Decapoda, Carcinidae) in Çardak Lagoon, Turkish Straits System**  
Acar S., Ateş A. S.  
Crustaceana, vol.93, no.9, pp.1031-1045, 2020 (SCI-Expanded)
- X. **New species of freshwater molluscs from Gökçeada (northeastern Aegean Sea), Turkey (Gastropoda: Hydrobiidae, Bythinellidae)**  
SAĞIR ODABAŞI S., ODABAŞI D. A., ACAR S.  
ARCHIV FÜR MOLLUSKENKUNDE, vol.148, no.2, pp.185-195, 2019 (SCI-Expanded)
- XI. **Presence of microplastics in the stomachs of *Carcinus aestuarii* Nardo, 1857 in Çardak Lagoon, Canakkale Strait, Turkey**

ACAR S., ATEŞ A. S.

CAHIERS DE BIOLOGIE MARINE, vol.59, no.5, pp.493-496, 2018 (SCI-Expanded)

- XII. **The first record of *Mytilus galloprovincialis* (Lamarck, 1819) on *Carcinus aestuarii* Nardo, 1847 in the Cardak Lagoon, Turkey**

ACAR S., ATEŞ A. S.

OCEANOLOGICAL AND HYDROBIOLOGICAL STUDIES, vol.45, no.4, pp.600-604, 2016 (SCI-Expanded)

- XIII. **The Response of *Apsudopsis latreillii* (Milne-Edwards, 1828) (Crustacea, Tanaidacea) to Environmental Variables in the Dardanelles**

ATEŞ A. S., Katagan T., SEZGİN M., ACAR S.

TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.14, no.1, pp.113-124, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The Relationship of Bristle Worm, *Protodorvillea kefersteini* (McIntosh, 1869) (Eunicida, Dorvilleidae) Abundance with Environmental Variables in Çardak Lagoon (Turkish Straits) Exposed to domestic Discharge**  
DAĞLI E., ATEŞ A. S., ACAR S., BÜYÜKATEŞ Y.  
Aquatic Sciences and Engineering, vol.39, no.1, pp.24-29, 2024 (ESCI)
- II. **Çanakkale Boğazı, Çardak Lagünü'ndeki Cnidaria ve Echinodermata gruplarının bolluğu ile çevresel değişkenler arasındaki ilişkiler**  
Acar S., Ateş A. S., Dağlı E., Doğan A.  
Ege Journal of Fisheries and Aquatic Science, vol.40, no.2, pp.103-109, 2023 (ESCI)
- III. **The Effects of Environmental Variables and Morphometry on Hemocyte Structure in the Hemolymph of Portunid Crab, *Carcinus aestuarii* Nardo, 1847 in Çardak Lagoon (Çanakkale Strait)**  
ACAR S., ATEŞ A. S.  
ACTA AQUATICA TURCICA, 2022 (Peer-Reviewed Journal)
- IV. **First Record of the Epizoic *Octolasmis angulata* (Cirripedia) on *Maja squinado* (Herbst, 1788) (Majoidea, Crustacea) from Çanakkale, Türkiye**  
ACAR S., ŞEN Y.  
Çanakkale Onsekiz Mart University Journal of Marine Sciences and Fisheries, vol.5, no.1, pp.98-102, 2022 (Peer-Reviewed Journal)
- V. **Evaluation of isotopic signature of mucilage in the benthic food web in the Çanakkale Strait**  
Ertürk Gürkan S., Acar S., Gürkan M., Yalçın Özdilek Ş.  
Biharean Biologist, vol.16, no.1, pp.11-15, 2022 (Scopus)
- VI. **Feeding ecology of portunid crab, *Carcinus aestuarii* Nardo, 1847 in Çardak Lagoon (The Turkish Straits System)**  
Acar S., Ateş A. S.  
Ege Journal of Fisheries and Aquatic Sciences, vol.38, no.2, pp.155-159, 2021 (ESCI)
- VII. **Catch Per Unit Effort (CPUE) of Green Crab, *Carcinus aestuarii* Nardo, 1847 captured by Fyke-nets in Çardak Lagoon**  
ACAR S., ATEŞ A. S.  
Aquatic Research, vol.3, no.4, pp.220-228, 2020 (Peer-Reviewed Journal)
- VIII. **Presence of the *Mesopodopsis slabberi* (Van Beneden, 1861) (Crustacea: Mysida) from the Mediterranean Sea coast of Turkey**  
Ozcan T., ATEŞ A. S., ACAR S.  
SU URUNLERI DERGISI, vol.36, no.2, pp.181-183, 2019 (ESCI)
- IX. **First observation of the zebra mussel (*Dreissena polymorpha* (Pallas, 1771)) on the narrow-clawed crayfish inhabiting in some water sources of Turkey**  
BERBER S., ATEŞ A. S., ACAR S.  
SU URUNLERI DERGISI, vol.35, no.1, pp.55-61, 2018 (ESCI)

- X. **The community structure of Prosobranchia (Mollusca: Gastropoda) on shallow soft bottoms of the Çanakkale Strait**  
ACAR S., ATEŞ A. S.  
Ege Journal of Fisheries and Aquatic Sciences, vol.34, no.1, pp.93-101, 2017 (Peer-Reviewed Journal)
- XI. **Effects of Climate Change on Annual Streamflow of Kocabaş Stream (Çanakkale Turkey)**  
Ejder T., Kale S., Acar S., Hisar O., Mutlu F.  
Journal of Scientific Research and Reports, vol.11, no.4, pp.1-11, 2016 (Peer-Reviewed Journal)
- XII. **Restricted effects of climate change on annual streamflow of Sarıçay stream Çanakkale Turkey**  
Ejder T., Kale S., Acar S., Hisar O., Mutlu F.  
Marine Science and Technology Bulletin, vol.5, no.1, pp.7-11, 2016 (Peer-Reviewed Journal)
- XIII. **Recent data on the effects of sewage pollution on the assemblage of decapod crustaceans in the Dardanelles the Turkish Straits System**  
ATEŞ A. S., KATAĞAN T., SEZGİN M., BERBER S., ÖZDİLEK H. G., ACAR S.  
Journal Black Sea/Mediterranean Environment, vol.17, no.2, pp.90-115, 2011 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Çanakkale'de Su Ürünleri, Balıkçılık ve Denizcilik**  
Acar S., Ateş A. S.  
Nobel Yayinevi, İstanbul, 2023

## Refereed Congress / Symposium Publications in Proceedings

- I. **Presence of microplastics in stomach contents of blue crab *Callinectes sapidus* (Rathbun, 1896) in Çanakkale Strait**  
Acar S., Ertürk Gürkan S., Ateş A. S., Yalçın Özdilek Ş.  
IV. Balkan Agricultural Congress, Edirne, Turkey, 31 August - 02 September 2022, pp.368-373
- II. **The Antioxidant Status of *Eriphia verrucosa* Forskal (1775) in the Çanakkale Strait**  
ACAR S., ERTÜRK S., YALÇIN ÖZDİLEK Ş., ATEŞ A. S.  
III. INTERNATIONAL AGRICULTURAL, BIOLOGICAL & LIFE SCIENCE CONFERENCE, Turkey, 1 - 03 September 2021
- III. **The Antioxidant Status of *Eriphia verrucosa* Forskal (1775) in the Çanakkale Strait**  
Acar S., Ertürk Gürkan S., Yalçın Özdilek Ş., Ateş A. S.  
International Conference on Agricultural, Biological and Life Science, Edirne, Turkey, 1 - 03 September 2021, pp.152
- IV. **A Preliminary Study on the Ecological Quality of a Protected Lagoon (Çanakkale Strait, Turkey) Using TUBI Index**  
ATEŞ A. S., ACAR S., Dağlı E., Bakır K., BÜYÜKATEŞ Y.  
Marfresh 2018, International Freshwater and Marine Sciences Symposium, Antalya, Turkey, 18 - 21 October 2018, pp.28-32
- V. **Knowledge on the invasion and Zoogeographical distribution of the Mediterranean Green Crab, *Carcinus aestuarii*, Nardo, 1847**  
ACAR S., ATEŞ A. S.  
International İskenderun Bay Symposium, 11 - 13 October 2017
- VI. **First occurrence of *Mytilus galloprovincialis* (Lamarck, 1819) on Portunid Crab, *Carcinus aestuarii* Nardo, 1847 in Çardak Lagoon, Turkey**  
ACAR S., ATEŞ A. S.  
The Crustacean Society Mid-Year Meeting, 19 - 22 June 2017
- VII. **The presence of microplastics in the stomach contents of *Carcinus aestuarii* Nardo, 1847 in Çardak**

### **Lagoon, Çanakkale Strait**

ACAR S., ATEŞ A. S.

The Crustacean Society Mid-Year Meeting, 19 - 22 June 2017

- VIII. **The presence of microplastics in the stomach contents of *Carcinus aestuarii* Nardo, 1847 in Çardak Lagoon, Çanakkale**  
ACAR S., ATEŞ A. S.  
The Crustacean Mid-Year Meeting, 19 - 22 June 2017
- IX. **First occurrence of *Mytilus galloprovincialis* (Lamarck, 1819) on Portunid crab, *Carcinus aestuarii* Nardo, 1847 in Çardak Lagoon Turkey**  
ACAR S., ATEŞ A. S.  
The Crustacean Society Mid-Year Meeting, 19 - 22 June 2017
- X. **Effects of several sewage pollutants on the communities of the families Cerithiidae and Trochidae Mollusca Gastropoda in the Dardanelles the Turkish Straits System**  
ACAR S., ATEŞ A. S.  
Dynamics and Functioning of Aquatic Ecosystems under the impact of climate change and anthropogenic stress, 12 - 17 October 2015
- XI. **Ateş A S Katağan T Sezgin M Berber S Özdilek H G and Kolsal S 2015 Recent data on the effects of sewage pollution on the assemblage of decapod crustaceans in the Dardanelles the Turkish Straits System**  
ATEŞ A. S., KATAĞAN T., SEZGİN M., BERBER S., ÖZDİLEK H. G., ACAR S.  
Int. Sci. Conf. to Commemorate famous hydrobiologist G.G. Winberg, St. Petersburg, Russia, 12 - 17 October 2015, pp.8
- XII. **Recent data on the effects of sewage pollution on the assemblage of decapod crustaceans in the Dardanelles (The Turkish Strait System)**  
ATEŞ A. S., Katağan T., Sezgin M., BERBER S., ÖZDİLEK H. G., ACAR S.  
Dynamics and Functioning of Aquatic Ecosystems under the Impact of Climate Change and Anthropogenic Stress, 5th international Scientific Conference, 12-17 October 2015, St Petersburg, Russia, Sankt Petersburg, Russia, 12 - 17 October 2015, pp.18
- XIII. **Mavi Yengeç *Callinectes sapidus* Rathbun 1896 da Av Avcı İlişkisi**  
ACAR S., ATEŞ A. S.  
Doğa Turizmi ve Biyolojik Çeşitlilik Sempozyumu, Turkey, 22 - 23 May 2014
- XIV. **Exotic *Prosobranchia* Mollusca Gastropoda species reported from the Turkish coast**  
ACAR S., ATEŞ A. S.  
Turkey-Japan Marine Forum. Harmonization of Biodiversity and Marine Industries., 08 November 2012
- XV. **Mavi Yengeç *Callinectes sapidus* Rathbun 1896 in Zoocoğrafik Dağılımı ve Biyo Ekolojik Durumu**  
ACAR S.  
Biyolojik Çeşitlilik Sempozyumu, Turkey, 22 - 23 May 2012
- XVI. **Cerithiidae and Trochidae species Gastropoda Mollusca found on the soft bottom from the coastal waters in the Dardanelles Turkey**  
ACAR S., ATEŞ A. S., ÇULHA M.  
MarCoastEcos 2012, International Conference on Marine and Coastal Ecosystems, 25 - 28 April 2012

### **Supported Projects**

Şen Y., Arslan İhsanoğlu M., Daban İ. B., Acar S., Project Supported by Higher Education Institutions, Çardak Lagünü ve Çevresinde Dağılım Gösteren Dekapod Krustaselerin Zamansal ve Mekansal Habitat Kullanımının Belirlenmesi, 2024 - 2025

Gürkan M., Ertürk Gürkan S., Künili İ. E., Acar S., Türe M., Özel O. T., TÜBİTAK Project, Çanakkale Boğazı'nda Dağılım Gösteren Akdeniz Midyelerinin (*Mytilus galloprovincialis* Lamarck, 1819) Sağlık Durumlarının Değerlendirilmesi, 2022 - 2023

ACAR S., YALÇIN ÖZDİLEK Ş., ATEŞ A. S., ERTÜRK GÜRKAN S., Project Supported by Higher Education Institutions, Çanakkale ve Çevresinde Dağılım Gösteren Mavi Yengeç *Callinectes sapidus*'un Rathbun, 1896 Beslenme Ekolojisi, 2020 - 2023

ACAR S., ERTÜRK GÜRKAN S., ATEŞ A. S., YALÇIN ÖZDİLEK Ş., Project Supported by Higher Education Institutions, Çanakkale Boğazında Yayılış Gösteren *Eriphia verrucosa* Forskal 1775'nin Kararlı İzotop Analizi ile Besin Gruplarının Belirlenmesi ve Mevcut Antioksidan Kapasitesinin Ortaya Konulması, 2021 - 2021

Yiğit M., Ergün S., Büyükkateş Y., Ateş A. S., Özdilek H. G., Acar S., Company, AYDIN İLİ, DİDİM İLÇESİ TAŞBURUN BALIKÇI BARINAĞI MEVKİİ AÇIKLARI 1 NO'LU SU ÜRÜNLERİ YETİŞTİRİCİLİĞİ ALANI ÖZÜMSEME KAPASİTESİ RAPORU HAZIRLANMASI VE İZLENMESİ, 2020 - 2021

Yiğit M., Ergün S., Büyükkateş Y., Ateş A. S., Özdilek H. G., Acar S., Company, MERSİN İLİ TAŞUCU KÖRFEZİ 1 NO'LU SU ÜRÜNLERİ YETİŞTİRİCİLİĞİ ALANI ÖZÜMSEME KAPASİTESİ RAPORU HAZIRLANMASI VE İZLENMESİ, 2020 - 2021

Ateş A. S., Büyükkateş Y., Acar S., TÜBİTAK - AB COST Project, Çardak Lagünü (Çanakkale Boğazı)'ndeki Makrozoobentik Topluluklar Üzerine Evsel Kirlilik Ve Fiziksel Koşulların Etkileri, Effects of sewage pollution and physical conditions on macrozoobenthic assemblages of Çardak Lagoon (the Çanakkale Strait), 2018 - 2020

SAĞIR ODABAŞI S., ACAR S., ODABAŞI D. A., Project Supported by Higher Education Institutions, GÖKÇEADA (ÇANAKKALE-TÜRKİYE)'NİN TATLISU KAYNAKLARININ MAKROOZOBENTİK FAUNASININ ARAŞTIRILMASI, 2016 - 2020

## Metrics

Publication: 49

Citation (WoS): 20

Citation (Scopus): 14

H-Index (WoS): 3

H-Index (Scopus): 2