

Assoc. Prof. HAMDİ AYDIN

Personal Information

Mobile Phone: [+90 532 315 3903](tel:+905323153903)

Office Phone: [+90 262 351 3281](tel:+902623513281)

Fax Phone: [+90 262 351 3283](tel:+902623513283)

Email: aydin@kocaeli.edu.tr

Web: <http://akademikpersonel.kocaeli.edu.tr/aydin/>

Address: Kocaeli Üniversitesi, Ziraat ve Doğa Bilimleri Fakültesi Arslanbey Yerleşkesi Ataşehir Mah. Üniversite Yolu 41285 , Kartepe/KOCAELİ

Education Information

Doctorate, Istanbul University, Devletler Umumi Hukuku, Turkey 1992 - 1995

Post Graduate, Istanbul University, Devletler Umumi Hukuku, Turkey 1989 - 1992

Under Graduate, İstanbul Üniversitesi, Su Ürünleri, Su Ürünleri, Turkey 1984 - 1988

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, The effect of stocking density on the growth of Sal mo salar L. 1758 fry reared in Spanca Research Unit conditions. , Istanbul University, Devletler Umumi Hukuku, 1995

Post Graduate, Comparison of growth rates of crayfish (*Astacus leptodactylus* Esch. 1823) fry fed with different feeds, Istanbul University, Devletler Umumi Hukuku, 1992

Research Areas

Agricultural Sciences, Seafood, Aquaculture

Academic Titles / Tasks

Associate Professor, Kocaeli University, Ziraat Fakültesi, Su Ürünleri Mühendisliği Bölümü, 2020 - Continues

Associate Professor, Kocaeli University, Su Ürünleri, 2012 - 2020

Assistant Professor, Kocaeli Üniversitesi, Gazanfer Bilge Myo, Su Ürünleri, 2001 - 2012

Assistant Professor, Karadeniz Teknik Üniversitesi, Rize Su Ürünleri Fakültesi, Su Ürünleri, 1996 - 2001

Professional Experience

Head of Department, Kocaeli University, Ziraat Fakültesi, Su Ürünleri Mühendisliği Bölümü, 2020 - 2021

Head of Department, Kocaeli University, Fen Bilimleri Enstitüsü, Su Ürünleri Bölümü, 2015 - 2017

Coordinator of The Rectorate, Kocaeli University, Gazanfer Bilge Meslek Yüksekokulu, Su Ürünleri, 2015 - 2017
Member of the Senate, Kocaeli University, Gazanfer Bilge Meslek Yüksekokulu, Su Ürünleri, 2014 - 2017
Director of Vocational School, Kocaeli University, Gazanfer Bilge Meslek Yüksekokulu, Su Ürünleri, 2014 - 2017
Assistant Director of Vocational School, Kocaeli University, Gazanfer Bilge Meslek Yüksekokulu, Su Ürünleri, 2005 - 2013
Head of Department, Kocaeli University, Gazanfer Bilge Meslek Yüksekokulu, Su Ürünleri, 2010 - 2012
Vice Dean, Recep Tayyip Erdogan University, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği Bölümü, 1996 - 2000
Manager of Research and Application Center, Istanbul University, Uluslararası İlişkiler, Yönetim Bilimleri, 1992 - 1994

Courses

Mussel and Oyster Culture, Post Graduate, 2020 - 2021
Specialization Field Course, Post Graduate, 2020 - 2021
Salmonid Fish Culture, Post Graduate, 2020 - 2021
Master Thesis, Post Graduate, 2020 - 2021
Master Seminar, Post Graduate, 2019 - 2020
Salmonid Fish Culture, Post Graduate, 2019 - 2020
Specialization Field Course, Post Graduate, 2019 - 2020
Projecting Fish Farming Facilities, Post Graduate, 2019 - 2020
Fish Feeding and Ration Preparation, Post Graduate, 2019 - 2020
Bacterial Fish Diseases, Post Graduate, 2019 - 2020

Advising Theses

Aydın H., The effect of rosehip (*Rosa canina* L.) oil added to juvenile rainbow trout (*Oncorhynchus mykiss*, L.) diets at different rates on their growth performance and feed efficiency, Post Graduate, O.Abdalla(Student), 2021

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Observations of crayfish plague infections in commercially important narrow-clawed crayfish populations in Turkey**
Kokko H., Harhoğlu M. M. , Aydın H., Makkonen J., Gökmen G., Aksu Ö., Jussila J.
KNOWLEDGE AND MANAGEMENT OF AQUATIC ECOSYSTEMS, 2018 (Journal Indexed in SCI)
- II. **Stocking of Common Carp (*Cyprinus carpio*) into Some Newly-Established Reservoirs of North-West Anatolia May Enhance the Spread of Non-Native Fish**
Gaygusuz Ö., Tarkan A. S. , Aydın H., Dorak Z., Top N., Karakuş U., Vilizzi L.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.15, pp.833-840, 2015 (Journal Indexed in SCI)
- III. **An investigation on the population parameters of freshwater crayfish (*Astacus leptodactylus* Esch., 1823) in Lake Iznik (Bursa)**
Aydın H., Harlioglu M. M. , Deniz T.
TURKISH JOURNAL OF ZOOLOGY, vol.39, pp.660-668, 2015 (Journal Indexed in SCI)
- IV. **The signal crayfish is vulnerable to both the As and the PsI-isolates of the crayfish plague**
Aydın H., Kokko H., Makkonen J., Kortet R., Kukkonen H., Jussila J.
KNOWLEDGE AND MANAGEMENT OF AQUATIC ECOSYSTEMS, 2014 (Journal Indexed in SCI)
- V. **Development of empirical standard weight equation for Pursak chub *Squalius pursakensis*, an endemic cyprinid species of Northwest Anatolia**
Sülün Ş., Başkurt S., Emiroğlu Ö., Giannetto D., Tarkan A. S. , Ağdamar S., Gaygusuz Ö., Dorak Z., Aydın H., Çiçek A.
Turkish Journal of Zoology, vol.38, pp.582-589, 2014 (Journal Indexed in SCI)
- VI. **Length-weight relationships of freshwater fishes from the western part of Anatolia, Turkey**

- Gaygusuz Ö., Aydın H., Emiroğlu Ö., Top N., Dorak Z., Gaygusuz C. G. , Baskurt S., Tarkan A. S.
JOURNAL OF APPLIED ICHTHYOLOGY, vol.29, pp.285-287, 2013 (Journal Indexed in SCI)
- VII. **Assessing the potential impact of nonnative fish on native fish by relative condition**
Gaygusuz O., Emiroglu O., Tarkan A. S. , Aydın H., Top N., Dorak Z., Karakus U., Baskurt S.
TURKISH JOURNAL OF ZOOLOGY, vol.37, pp.84-91, 2013 (Journal Indexed in SCI)
- VIII. **Diurnal vertical distribution of zooplankton in a newly formed reservoir (Tahtali Reservoir, Kocaeli): the role of abiotic factors and chlorophyll a**
Dorak Z., Gaygusuz Ö., Tarkan A. S. , Aydın H.
TURKISH JOURNAL OF ZOOLOGY, vol.37, pp.218-227, 2013 (Journal Indexed in SCI)
- IX. **Harvest export and economic status of freshwater crayfish *Astacus leptodactylus* Esch 1823 in Turkey**
Aydın H., Harhoğlu M. M. , Deniz T.
African Journal Of Agricultural Research, vol.7, pp.2463-2468, 2012 (Journal Indexed in SCI Expanded)
- X. **Recovering Turkish narrow clawed crayfish (*Astacus leptodactylus*) populations carry *Aphanomyces astaci***
Kokko H., Koistinen L., Harlioglu M. M. , Makkonen J., Aydın H., Jussila J.
KNOWLEDGE AND MANAGEMENT OF AQUATIC ECOSYSTEMS, 2012 (Journal Indexed in SCI)
- XI. **Trends in Fish and Fishery Products Consumption in Turkey**
Aydın H., Dilek M. K. , Aydın K.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.11, pp.499-506, 2011 (Journal Indexed in SCI)
- XII. **Red Meat, White Meat and Seafood Consumption Patterns in Turkey**
Dilek M. K. , Aydın H., Aydın K.
JOURNAL OF ANIMAL AND VETERINARY ADVANCES, vol.10, pp.858-864, 2011 (Journal Indexed in SCI)
- XIII. **Invasion of freshwater bodies in the Marmara region (northwestern Turkey) by nonnative gibel carp, *Carassius gibelio* (Bloch, 1782)**
Aydın H., Gaygusuz O., Tarkan A. S. , Top N., Emiroglu O., Gaygusuz C. G.
TURKISH JOURNAL OF ZOOLOGY, vol.35, pp.829-836, 2011 (Journal Indexed in SCI)
- XIV. **The Growth of the Freshwater Crayfish (*Astacus leptodactylus* Eschscholtz, 1823) Juveniles Until the First Sexual Maturity Age in Concrete Fish Ponds**
Aydın H.
JOURNAL OF ANIMAL AND VETERINARY ADVANCES, vol.9, pp.1720-1723, 2010 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Bayburt İli Su Kaynaklarının Mevcut Durumu ve Su Ürünleri Üretimine Geleceği**
Aydın H.
Bayburt Üniversitesi Fen Bilimleri Dergisi, vol.1, pp.67-71, 2018 (Other Refereed National Journals)
- II. **CRAYFISH IN TURKEY HARVEST, EXPORT AND MARKETING**
Yavuzylmaz O., Aydın H.
the Journal of Academic Social Sciences, vol.84, pp.527-536, 2018 (Refereed Journals of Other Institutions)
- III. **Aquaculture Potential in Turkey and Aquaculture's Contribution To The Economy**
Aydın H.
Balkan Journal of Social Sciences, vol.6, pp.62-67, 2017 (Refereed Journals of Other Institutions)
- IV. **THE PLACE OF ISTANBUL UNIVERSITY SAPANCA INLAND WATERS RESEARCH AND APPLICATION UNIT IN THE SPREAD OF TROUT PRODUCTION IN TURKEY**
Aydın H., Baltacı M. A.
Turkish Journal of Aquatic Sciences, vol.32, pp.129-134, 2017 (Refereed Journals of Other Institutions)
- V. **ACCOUNTING OF ENVIRONMENTAL COSTS IN AQUACULTURE FARMS**
Güney C., Aydın H.
Uluslararası Sosyal Araştırmalar Dergisi, vol.9, pp.1095-1105, 2016 (Refereed Journals of Other Institutions)

- VI. **Current Status of Water Resources and Trout Farms in Sakarya Region**
Baltacı M. A. , Aydın H.
Biyoloji Bilimleri Araştırma Dergisi, vol.9, pp.26-28, 2016 (Other Refereed National Journals)
- VII. **Gümüşhane İli Su Kaynakları ve Su Ürünleri Sektörünün Mevcut Durumu**
Aydın H.
GÜMÜŞHANE ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.4, pp.176-182, 2014 (National Refreed University Journal)
- VIII. **Effects of physicochemical factors and Chlorophyll a on diel changes in vertical distribution of zooplankton in a eutrophic reservoir Tahtalı Reservoir NW Turkey**
Dorak Z., Gaygusuz Ö., Köker L., Tarkan A. S. , Aydın H.
Ege J Fish Aqua Sci, vol.31, pp.167-179, 2014 (Other Refereed National Journals)
- IX. **A study on some morphological characteristics of Astacus leptodactylus Eschscholtz 1823 in seven different inland waters in Turkey**
Deniz T., Aydın H., Ateş C.
J. Black Sea/Mediterranean Environment, vol.19, pp.190-205, 2013 (Refereed Journals of Other Institutions)
- X. **WATER RESOURCES AND AQUACULTURE PRODUCTION IN GÜMÜŞHANE AND ERZİNCAN PROVINCES**
Aydın H.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.4, pp.23-30, 2011 (National Refreed University Journal)
- XI. **Aquaculture Potential in Gümüşhane (Turkey) and its Assesment**
Aydın H.
Journal of Fisheriesciences.com, vol.4, pp.123-128, 2010 (Other Refereed National Journals)
- XII. **Effects of different water temperatures on the hatching time and survival rates of the freshwater crayfish Astacus leptodactylus (Esch. 1823) eggs**
Aydın H.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.4, pp.75-79, 2004 (Refereed Journals of Other Institutions)
- XIII. **The general status of spawning areas of Blacksea trout in the East Blacksea regions (Salmo trutta labrax Pallas, 1811)u**
Aydın H., Yandı İ.
EGE ÜNİVERSİTESİ SU URUNLERI DERGISI, vol.19, pp.501-506, 2002 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **COMMON DISEASES IN TROUT PRODUCTION FARMS IN BOLU PROVINCE AND MEDICINES USED AGAINST THESE DISEASES**
Öztürk N., Aydın H.
International Marmara Sciences Congress IMASCON 2020 - Autumn, Kocaeli, Turkey, 4 - 05 December 2020, vol.1, pp.234-239
- II. **TROUT PRODUCTION IN BOLU PROVINCE, PROBLEMS OF FACILITIES AND SOLUTION RECOMMENDATIONS FOR MORE PRODUCTION**
Küçükbaş S., Aydın H.
International Marmara Sciences Congress IMASCON 2020 - Autumn, 4 - 05 December 2020, vol.1, pp.219-225
- III. **An overview of the current status of fisheries in Sudan**
Alnaiem O., AYDIN H.
International Marmara Sciences Congress (Spring), Kocaeli, Turkey, 19 - 20 June 2020, pp.157-164
- IV. **Current Status Problems and Solution Proposals of Aquaculture Education at the Level of Vocational School in Turkey**
Aydın H.
VI. International Vocational Schools Symposium, Sarajevo, Bosnia And Herzegovina, 19 - 22 May 2017, vol.4, pp.257-263

- V. **Türkiye de Alabalık Üretiminin Yaygınlaşmasında Sapanca İçsu Ürünleri Üretimi Araştırma ve Uygulama Birimi nin Yeri**
AYDIN H., BALTACI M. A.
4. Ulusal Alabalık Sempozyumu, Afyon, Turkey, 27 October - 30 November 2016
- VI. **Aquaculture potential in Turkey and aquaculture s contribution to the economy**
AYDIN H.
International Congress of Management Economy and Policy, İstanbul, Turkey, 26 - 27 November 2016, no.1, pp.91-98
- VII. **Sakarya İli Su Kaynakları ve Alabalık Yetiştiriciliği Yapan İşletmelerin Mevcut Durumu**
BALTACI M. A. , AYDIN H.
4. Ulusal Alabalık Sempozyumu, Afyon, Turkey, 27 - 30 October 2016
- VIII. **Yeni Su Kaynaklarına Yerli ve Yabancı Tatlısu İstakozu Türlerinin Aşılmasının Olumlu ve Olumsuz Yönlerinin Karşılaştırılması**
AYDIN H.
II. Balıklandırma ve Rezervuar Yönetimi Sempozyumu, Isparta, Turkey, 20 - 22 May 2015
- IX. **Yeni İnşa Edilen Rezervuarlara Sazan Cyprinus carpio Stoklamaları Ekolojik Tehdit ya da Yabancı Tür Aşılmasına Sebep mi**
GAYGUSUZ Ö., TARKAN A. S. , AYDIN H., DORAK Z., TOP N., KARAKUŞ U., LORENZO V.
II. Balıklandırma ve Rezervuar Yönetimi Sempozyumu, Isparta, Turkey, 20 - 22 May 2015
- X. **Türkiye de bulunan yabancı bir tatlısu balığı çakıl balığı Pseudorasbora parva nın yaşam döngüsü özelliklerinin doğal ve yerel olmayan populasyonlarıyla karşılaştırmalı olarak incelenmesi farklılıklar kolonizasyon başarısını açıklayabilir mi**
FERİT A., TARKAN A. S. , GAYGUSUZ Ö., DORAK Z., AYDIN H.
II. Balıklandırma ve Rezervuar Yönetimi Sempozyumu, Isparta, Turkey, 20 - 22 May 2015
- XI. **Kuzeybatı Anadolu ya Endemik Squalius pursoriensis in Kuramsal Standart Ağırlık Denkleminin Oluşturulması**
ŞULE S., SERCAN B., EMİROĞLU Ö., GIANNETTO D., TARKAN A. S. , SEVAN A., GAYGUSUZ Ö., DORAK Z., AYDIN H., ÇİÇEK A.
VI. Limnoloji Sempozyumu, Bursa, Turkey, 25 - 28 August 2014
- XII. **FISH STOCKINGS TO NEWLY FORMED MAN-MADE RESERVOIRS IN TURKEY: ECOLOGICAL DISASTERS OR SOCIOECONOMIC BENEFIT?**
Aydın H., Gaygusuz Ö., Tarkan A. S. , Dorak Z.
The 5th Iberian Congress of Ichthyology, Lisbon, Portugal, 24 - 27 June 2014, vol.1, no.1, pp.1
- XIII. **Tatlısu İstakozu Astacus leptodactylus Esch 1823 nun Laboratuar Şartlarında Çiftleşme ve Yumurta Bırakmasında Erkek Birey Sayısının Etkisi**
AYDIN H., ÇAĞILTAY F.
1.Su Ürünleri Yetiştiriciliğinde Gamet Biyolojisi Çalıştayı, Sakarya, Turkey, 3 - 05 April 2014
- XIV. **Signal crayfish are susceptible to crayfish plague infection under physiological challenge**
Aydın H., Kokko H., Jussila J.
Regional European Crayfish Meeting –CrayCro, September 26-28, 2013 Rovinj, Croatia, Pula, Croatia, 26 - 28 September 2013, vol.1, no.1, pp.1
- XV. **Harvest and export of freshwater crayfish (Astacus leptodactylus) in Turkey**
Aydın H.
Regional European Crayfish Meeting –CrayCro, Pula, Croatia, 26 - 28 September 2013, pp.1-6
- XVI. **Preliminary assessment of non-native fish impacts on native fishes in small artificial lakes**
Aydın H., Gaygusuz Ö., Gürsoy Gaygusuz Ç., Tarkan A. S. , Dorak Z., Karakuş N. T.
New approaches for assessing the impacts of non-native freshwater fishes in the Mediterranean region, Muğla, Turkey, 26 - 29 October 2010, vol.1, no.1, pp.17
- XVII. **Gökkuşluğu Alabalığında Oncorhynchus mykiss Damızlık Yaşının Yumurta Verimi ve Gelişimine Etkisi**
AYDIN H., RAMAZAN Ç.
Su Ürünleri Sempozyumu., Sinop, Turkey, 20 - 22 September 2000

Expert Reports

- I. **Larva beslenmesinde kullanılan Panagrellus redivivus mikrokurt unbesin kompozisyonunun araştırılması**
AYDIN H.
2015
- II. **Status of quantity price and value of fishery products in Turkey between 2006 2010**
AYDIN H.
2015
- III. **İskenderun Körfezi Balıkçılarının Sosyo Ekonomik Durumu**
AYDIN H.
2015
- IV. **Sex ratio length and weight frequency of freshwater crayfish Astacus leptodactylus inhabiting in Aras reservoir Iran**
AYDIN H.
2015

Supported Projects

AYDIN H., ALNAIEM O. A. G., Project Supported by Higher Education Institutions, Yavru Gökkuşluğu Alabalığı *Oncorhynchus mykiss* L. Yemlerine Farklı Oranlarda İlave Edilen Kuşburnu *Rosa canina* L Yağının Büyüme Performansı ve Yemden Yararlanma Üzerine Etkisi, 2020 - 2021

Aydın H., Project Supported by Higher Education Institutions, 2. Kocaeli İlindeki Bazı Göletlerin Balık Faunasının ve Egzotik Balık Türlerinin Biyolojilerinin Belirlenmesi, 2009 - 2012

Aydın H., Project Supported by Higher Education Institutions, 1. Effects of Different Water Temperatures on the Hatching Time and Survival Rates of the Freshwater Crayfish *Astacus leptodactylus* (Esch., 1823) Eggs, 2002 - 2012

AYDIN H., Project Supported by Higher Education Institutions, Tathsu Istakozu (*astacus Leptodactylus* Esch , 1823)'nın İznik Gölü (Bursa) Populasyonunun İncelenmesi, 2010 - 2011

Scientific Refereeing

INVERTEBRATE REPRODUCTION & DEVELOPMENT, SCI Journal, December 2020

AQUACULTURE INTERNATIONAL, SCI Journal, November 2019

Industrial Thesis Project, ALİ DAYI TURİZM TARIM SU ÜRÜNLERİ YETİŞTİRİCİLİĞİ İNŞAAT NAKLİYATÇILIK VE TEMİZLİK İŞLERİ SANAYİ VE TİCARET LTD. ŞTİ., Turkey, July 2019

Fisheries and Aquaculture Journal, Other Indexed Journal, May 2019

Fisheries and Aquaculture Journal, Other Indexed Journal, May 2019

Fisheries and Aquaculture Journal, Other Indexed Journal, December 2018

Fisheries and Aquaculture Journal, Other Indexed Journal, November 2018

Fisheries and Aquaculture Journal, Other Indexed Journal, April 2017

Fisheries and Aquaculture Journal, Other Indexed Journal, April 2017

Fisheries and Aquaculture Journal, Other Indexed Journal, March 2017

Fisheries and Aquaculture Journal, Other Indexed Journal, March 2017

Fisheries and Aquaculture Journal, Other Indexed Journal, March 2017

Fisheries and Aquaculture Journal, Other Indexed Journal, March 2017

SU ÜRÜNLERİ DERGİSİ, National Scientific Refreed Journal, December 2015

SU ÜRÜNLERİ DERGİSİ, National Scientific Refreed Journal, July 2015

Industrial Thesis Project, BİLİMSEL DESTEK AR-GE DAN. EĞİTİM MÜH. MAKİNA SAN. VE TİC. LTD. ŞTİ. (KONYA), Turkey, June 2015

International Journal of Aquatic Science , Other Indexed Journal, January 2015
SÜMDER SU Ürünleri Mühendisleri Derneği Dergisi, Other Journals, January 2015

Mobility Activity

Other Exchange Programme, Guest Researcher, University of Kuopio, Finland, 2013 - 2013

Citations

Total Citations (WOS):144

h-index (WOS):7