



TAGEM
R&D AND INNOVATION

SHEEP BREEDING RESEARCH INSTITUTE /
BANDIRMA

EKREM CEM ÇANKIRILIGİL, PhD Fisheries Engineer

EDUCATION

- PhD**
2012-2019
Canakkale Onsekiz Mart University
Natural and Applied Sciences
Fisheries and Seafood Processing
- MSc**
2009-2012
Canakkale Onsekiz Mart University
Natural and Applied Sciences
Fisheries Engineering
- Bachelor's Degree**
2005-2009
Canakkale Onsekiz Mart University
Fisheries Engineering
- Bachelor's Degree**
2023-Ongoing
Istanbul University
Radio, TV and Cinema
- Associate Degree**
2006-2023
Anadolu University
Business

CAREER

- 2021-Ongoing** Researcher
Sheep Breeding Research Institute
Department of Fisheries - Balıkesir
- 2023** Researcher
7th National Antarctica Science Expedition
organised by TÜBİTAK
- 2013-2021:** Researcher
Central Fisheries Research Institute,
Department of Aquaculture - Trabzon
- 2012-2013:** Customer Service Representative
Cinemaximum Movie Theater- Çanakkale
- Language** English YDS: 85 (2022)
YÖKDİL: 88,75 (2022)

ABOUT ME

He was born in 1987 in Istanbul. In 2009, he graduated from Canakkale Onsekiz Mart University, Faculty of Fisheries. He started post-grad education in same year and he completed his PhD in 2019. Since 2013, he working in TAGEM as a researcher.

He does researches in shellfish aquaculture, seafood chemistry, marine natural products and secondary metabolites on fish, mollusc, macroalgae, and sponge species.

CONTACT

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PROJECTS

Ongoing Projects

1. Biological Activity Evaluation of Macroalgae Distributed on Horseshoe Island (Antarctica) Coasts by Determining Nutrient Composition and Phytochemical Contents. TUBITAK, **Project Leader** (2022 -)
2. Evaluation of Biochemical Composition, Feeding Ecology, Reproductive Characteristics and Spawning Techniques of Scallop Species, **Project Leader** (2023 -)
3. Biotechnological Material production from an Invasive Species, Zebra Mussel (*Dreissena polymorpha* (Pallas, 1771)). TAGEM, **Researcher** (2022 -)

Completed Projects

4. The Effect of Mucilage on the Marmara Ecosystem. TAGEM, **Researcher** (2021 - 2022)
5. Researches on Reduction of Bycatch in Shrimp Fisheries by Beam Trawl in the Sea of Marmara. TAGEM, **Researcher** (2020 - 2022)
6. Black Soldier Fly (*Hermetia illucens*, L.) and Mealworm (*Tenebrio molitor*, L.) Larvae Usage on Fish Feed Instead of Fish Meal and Effects of Growth Parameters, Amino Acid and Fatty Acid Compositions in Rainbow Trout (*Oncorhynchus mykiss*). TAGEM, **Researcher** (2020 - 2022)
7. A Research on Possibilities of Using Some Phytobiotic Containing Diets in Blacksea Trout (*Salmo trutta labrax* Pallas, 1811) nutrition. TAGEM, **Researcher** (2017 - 2021)
8. Determination of the Success of Usage Cryopreserved Sperm (Artificial Insemination) in Rainbow Trout (*Oncorhynchus mykiss*) Aquaculture, TAGEM, **Researcher** (2017 - 2021)
9. Determination of Water Quality and Carrying Capacity of Deriner Dam Lake. TAGEM, **Researcher** (2020 - 2021)
10. Conventionalization of Black Sea trout (*Salmo labrax*) culture - Tarımsal Yeniliklerin Yaygınlaştırılması Yayım Projesi. TAGEM, **Trainer-Researcher** (2020)
11. Determination of the Bioecology and Aquaculture Characteristics of the Mullet Species (*Mugil cephalus*, *Liza aurata*) in the Eastern Black Sea. TAGEM, **Researcher** (2015 - 2019)
12. Broodstock Management in Sturgeon Breeding. TAGEM, **Researcher** (2015 - 2017)
13. Analysis of the Genetic Structure of Brown Trout (*Salmo trutta* L.) Population in Turkey Using Microsatellite DNA and mtDNA Markers. TAGEM, **Researcher** (2014 - 2016)
14. Nutritional Requirements of Black Sea Trout (*Salmo trutta labrax*). TAGEM, **Researcher** (2013-2015).
15. Determination of Quality Parameters of Coated Products (Croquette) Obtained from Different Seafood. ÇOMÜ-BAP/2010/142, **Master student, Researcher** (2010 - 2012)



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

Indexed in SCI and SCI-expanded

1. Özel O.T., **Çankırılıgil E.C.**, Ertürk-Gürkan S., Coşkun İ., Türe M. **2023**. Influence of Laurel (*Laurus nobilis*) Essential Oil on Gut Function of Black Sea Salmon (*Salmo labrax*) Juveniles. *Tropical Animal Health and Production*, 54(6):390.
2. Ak İ., **Çankırılıgil E.C.**, Türker G., Sever O., Abomohra A., **2022**. Enhancement of Antioxidant Properties of *Gongolaria barbata* (Phaeophyceae) by Optimization of Combined Light Intensity and Salinity Stress, *Phycologia*, 61(6):584-594.
3. **Çankırılıgil E.C.**, Berik N., Çakmak E., Özel O.T., Alp-Erbay E., **2022**. Dietary Carotenoids Influence Growth, Fillet Pigmentation, and Quality Characteristics of Black Sea Trout (*Salmo labrax* Pallas, 1814), *Thalassas: An International Journal of Marine Sciences*, 38:793-809.
4. Ak İ., **Çankırılıgil E.C.**, Türker G., Sever O., **2021**. Assessment of Light Intensity and Salinity Regimes on the Element Levels of Brown Macroalgae, *Treptacantha barbata*: Application of Response Surface Methodology (RSM), *Food Science and Technology*, 41(4): 1-9.
5. Berik N., **Çankırılıgil E.C.**, Gül G., **2017**. Mineral Content of Smooth Scallop (*Flexopecten glaber*) Caught Canakkale, Turkey and Evaluation in terms of Food Safety, *Journal of Trace Elements in Medicine and Biology*. 42: 97-102.
6. Berik N., **Çankırılıgil E.C.**, Kahraman D., **2011**. Determination of Quality Attributes and Production of Fingers from Rainbow Trout (*Oncorhynchus mykiss*) Fillet, *Kafkas Univ Vet Fak Derg.* 17: 735-740.

Indexed in E-SCI

7. Özel O.T., Çakmak E., **Çankırılıgil E.C.**, Düzgüneş Z.D., Çimagil R., Batır E., **2023**. Comparison of reproductive performance of Black Sea salmon broodstock (*Salmo labrax* PALLAS, 1814) reaching first sexual maturity at different ages, *Ege Journal of Fisheries*, 40(3):166-173.
8. Çakmak E., Firidin Ş., Aksungur N., Çavdar Y., Kurtoğlu İ.Z., Aksungur M., Özel O.T., **Çankırılıgil E.C.**, Düzgüneş Z.D., Esin B., **2022**. Improving Reproductive Yield of the Black Sea Salmon (*Salmo labrax* PALLAS, 1814) with a Selective Breeding Program, *Aquatic Sciences and Engineering*, 37(3):161-168.
9. Kasapoglu N., **Çankırılıgil E.C.**, Çakmak E., Özel O. T., **2020**. Meristic and Morphometric Characteristics of the Black Sea Salmon, *Salmo labrax* Pallas, 1814 Culture Line: an Endemic Species for Eastern Black Sea. *Journal of Fisheries* 8(3): 935-939.
10. **Çankırılıgil E.C.**, Berik N., Alp Erbay E., **2020**. Optimization of Hydrolization Procedure for Amino Acid Analysis in Fish Meat with HPLC-DAD by Response Surface Methodology (RSM). *Ege Journal of Fisheries and Aquatic Sciences* 37(2): 113-123.



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11. Berik N., **Çankırılıgil E.C.**, 2019. The Elemental Composition of Green Seaweed (*Ulva rigida*) Collected from Çanakkale, Turkey. *Aquatic Sciences and Engineering*, 34(3): 74-79.
12. **Çankırılıgil E.C.**, Berik N., 2018. Sensorial Evaluation of Fish Croquettes Produced from Different Seafood. *Aquatic Sciences and Engineering*. 3(3):96-101.
13. Çakmak E., **Çankırılıgil E.C.**, Özel, O.T. 2018. The Fifth Culture Generation of Black Sea Trout (*Salmo trutta labrax*): Culture Characteristics, Meat Yield and Proximate Composition. *Ege Journal of Fisheries and Aquatic Sciences*. 35(1):103-110.
14. Özel, O.T., Çakmak E., Çoşkun, İ., **Çankırılıgil E.C.**, 2018. Evaluation of Growth Performance and Intestine Villi Morphology of Black Sea Trout (*Salmo trutta labrax*) Fed with Different Protein Levels Containing Diets. *Ege Journal of Fisheries and Aquatic Sciences*. 35(2):125-130.
15. **Çankırılıgil E.C.**, Berik N., 2017. Effects of Deep-Frying to Sardine Croquettes' Chemical Composition. *Ege Journal of Fisheries and Aquatic Sciences*, 34(3):293-302.
16. **Çankırılıgil E.C.**, Berik N., 2017. Gökkuşluğu Alabalığı (*Oncorhynchus mykiss*) Krokettlerinin Soğuk Muhafazada (+4°C) Raf Ömrünün Belirlenmesi. *Turkish Journal of Aquatic Sciences*, 32:35-48.
- Not-indexed in SCI, SCI-expanded, SCI and E-SCI**
17. Özel O.T., Çakmak E., **Çankırılıgil E.C.**, Çimagil R., Düzgüneş Z.D., 2023. Reproductive Performance of Hatchery-Originated Black Sea Salmon Broodstocks' (*Salmo labrax* PALLAS, 1814) F5 and F6 Filial Generations. *Acta Aquatica Turcica* (Accepted).
18. Uslu, A.A., Özel, O.T., Örnekeçi, G.N., Çelik, B., **Çankırılıgil, E.C.**, Çoşkun, İ., Uslu Şenel, G., 2023. Insect Larval Meal as a Possible Alternative to Fish Meal in Rainbow Trout (*Oncorhynchus mykiss*) diets: Black Soldier Fly (*Hermetia illucens*), Mealworm (*Tenebrio molitor*). *Journal of Limnology and Freshwater Fisheries Research*, 9(1):43-52.
19. Veske E., **Çankırılıgil E.C.**, Yavuzcan Yıldız H., 2022. Seasonal Proximate Composition, Amino Acid and Trace Metal Contents of the Great Mediterranean scallop (*Pecten jacobaeus*) Collected from the Gulf of Antalya, *Journal of Anatolian Environmental and Animal Sciences*, 7(3):358-366.
20. Berik N., **Çankırılıgil E.C.**, Ormancı H.B., Akyıldız A., 2022. Çanakkale Boğazı'ndan Toplanan Deniz Marulu (*Ulva rigida*)'nun Mevsimsel Besin İçeriğinin Belirlenerek Salata ve Çorba olarak Değerlendirilmesi. *Food and Health*, 8(2): 127-140.
21. Kasapoglu N., **Çankırılıgil E.C.**, Düzgüneş, Z.D., Çakmak E., Eroğlu, O., 2020. The Bio-ecological and Genetic Characteristics of Sand Steenbras (*Lithognathus mormyrus*) in the Black Sea. *Journal of the Black Sea / Mediterranean Environment*. 26(3): 249-262.
22. **Çankırılıgil E.C.**, Berik N., 2020. Chemical Composition of the Black Sea Trout (*Salmo labrax* Pallas, 1814): A Comparative Study. *Aquatic Research*. 3(4): 208-219.



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23. Çakmak E., **Çankırılıgil E.C.**, Düzgüneş Z.D., Özel O.T., Eroğlu O., Firdin Ş., **2019**. Triploid Black Sea Trout (*Salmo labrax* Pallas, 1814) Induced by Heat Shock and Evaluation of Triploidy with Different Techniques, *Genetics of Aquatic Organisms (GenAqua)*. 3(1): 01-07.
24. **Çankırılıgil E.C.**, Berik N., **2017**. Changes in Fatty Acid and Mineral Compositions of Rose-Shrimp Croquettes during Production Process. *American Journal of Food Technology*. 12(4): 254-261.
25. Berik N., **Çankırılıgil E.C.**, Gül, G., **2017**. Meat Yield and Shell Dimension of Smooth Scallop (*Flexopecten glaber*) Caught from Cardak Lagoon in Canakkale, Turkey. *Journal of Aquaculture & Marine Biology (JAMB)*, 5:3, 122.
26. **Çankırılıgil E.C.**, Alp Erbay, E., **2017**. Effect of different thawing techniques on color of Black Sea trout (*Salmo labrax* PALLAS, 1814) filets. *International Journal of Agriculture, Environment and Food Sciences*. 1 (1): 27-32.
27. Kasapoğlu N., **Çankırılıgil E.C.**, Firdin Ş., Çakmak E., **2016**. A Preliminary Study of Some Biological Characters for the Black Sea, Turkey: East Atlantic Peacock Wrasse, *Symphodus tinca*. *International Journal of the Black Sea / Mediterranean Environment*, 22: 3 289-294.
28. Berik N., **Çankırılıgil E.C.**, **2013**. Determination of Proximate Composition and Sensory Attributes of Scallop (*Flexopecten glaber*) Gonads. *Marine Science and Technology Bulletin*, 3: 5-8.
- **International Congress, Seminars, Etc.**
1. **Çankırılıgil E.C.**, **2022**. Nutritional Composition and Texture Profile of Wild and Culture Adapted Blue Crab (*Callinectes sapidus*) Meat. The 8th Aquatic Biodiversity International Conference (ABIC 8), 20-22 September 2022, Sibiu, Transylvania, Romania (Oral presentation).
2. **Çankırılıgil E.C.**, **2022**. Determination of Amino Acid Composition, Color and Texture Profile of Fresh and Processed Sea Cucumber (*Holothuria tubulosa*). Tokyo Summit-V, 5th International Conference on Innovative Studies of Contemporary Sciences, 14-16 January 2022, Virtual-Tokyo, Japan (Oral presentation).
3. **Çankırılıgil E.C.**, Ak İ., **2021**. Amino Acid Composition of Seaweeds from Çanakkale, Turkey. HydroMediT 2021 - 4th International Congress on Applied Ichthyology, Oceanography & Aquatic Environment, 4-6 November 2021, Virtual - Greece (Full-text).
4. **Çankırılıgil E.C.**, Ak İ., **2021**. Amino Acid Composition of *Ceramium rubrum* (Rhodophyceae) from North Aegean Sea, Turkey. HydroMediT 2021 - 4th International Congress on Applied Ichthyology, Oceanography & Aquatic Environment, 4-6 November 2021, Virtual - Greece (Full-text).
5. Uslu A.A., Özel O.T., Çelik B., **Çankırılıgil E.C.**, Coşkun İ., **2021**. Fish Meal Replacement by Mealworm (*Tenebrio molitor*) Larvae Meal in Diets for Rainbow Trout (*Oncorhynchus mykiss*). FABA 2021-International Symposium on Fisheries and Aquatic Sciences, 7-8 September 2021, İzmir, Türkiye (Oral presentation).
6. Uslu A.A., Özel O.T., Örnekçi N., **Çankırılıgil E.C.**, Coşkun İ., Şenel G.U., **2021**. Black soldier fly (*Hermetia illucens*) prepupae meal as a possible alternative to fish meal in Rainbow trout (*Oncorhynchus mykiss*) diets. TURFAJ 2021, 2nd International Congress of the Turkish Journal of Agriculture - Food Science and Technology, October, 2021 – Gazimağusa (Oral presentation).



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7. **Çankırılıgil E.C.**, Berik N., **2019**. Effects of Astaxanthine, Canthaxanthin and Lycopene Containing Diets on the Chemical Quality and Textural Properties of the Black Sea Trout (*Salmo labrax*) Fillets. BioEco2019 International Biodiversity & Ecology Sciences Symposium, 26-28 September 2019, Istanbul, Türkiye (Oral presentation).
8. **Çankırılıgil E.C.**, Berik N., **2019**. Histological Examination of Black Sea Trout (*Salmo labrax*) Fed by Carotenoid Containing Diets. BioEco2019 International Biodiversity & Ecology Sciences Symposium, 26-28 September 2019, Istanbul, Türkiye (Oral presentation).
9. Berik N., **Çankırılıgil E.C.**, **2019**. Seasonal Fatty Acid Composition of Green Seaweed (*Ulva rigida*). 4. Uluslararası Anadolu Tarım, Gıda, Çevre ve Biyoloji Kongresi, 20-22 April 2019, Afyonkarahisar, Türkiye (Oral presentation).
10. Berik N., **Çankırılıgil E.C.**, **2019**. Evaluation of Fatty Acid Compositions of Commercial Fish Oils Considering Recommended Omega Fatty Acid Uptake for a Healthy Diet. 4. Uluslararası Anadolu Tarım, Gıda, Çevre ve Biyoloji Kongresi, 20-22 April 2019, Afyonkarahisar, Türkiye (Oral presentation).
11. Özel O., Türe M., Çakmak E., Cimagil R., **Çankırılıgil E.C.**, Kutlu İ. **2018**. Effects of Dietary Daphne (*Laurus nobilis* L.) and Fennel (*Foeniculum vulgare* L.) Essential Oils on Some Intestinal Bacteria of Black Sea Trout (*Salmo labrax*). 4th International Agriculture Congress, 05-08 July 2018, Kırşehir, Türkiye (Oral presentation).
12. **Çankırılıgil E.C.**, Berik N., **2017**. The Processing of Pufferfish and Usage of Tetrodotoxin in the Pharmaceutical Industry. Jubilee International Scientific Conference "Bulgaria of the Regions", 27-28 October 2017, Plovdiv Bulgaria (Poster presentation).
13. **Çankırılıgil E.C.**, Berik N., **2017**. Element Composition of Farmed Rainbow Trout (*Oncorhynchus mykiss*) Obtained from Fish Farm in the Mount Ida. ISEEP-2017 VIII. International Symposium on Ecology and Environmental Problems, 4-7 October 2017, Çanakkale Türkiye (Poster presentation).
14. Berik N., **Çankırılıgil E.C.**, **2017**. The Seasonal Elemental Composition of Green Seaweed (*Ulva rigida*) Collected from Canakkale, Turkey. ISEEP-2017 VIII. International Symposium on Ecology and Environmental Problems, 4-7 October 2017, Çanakkale Türkiye (Poster presentation).
15. **Çankırılıgil E.C.**, Berik N., **2017**. Amino Acid Composition of Cultured Black Sea Trout (*Salmo trutta labrax* PALLAS, 1811). SEAB 2017, International Symposium on EuroAsian Biodiversity, 5-8 July 2017, Minsk, Belarus (Oral presentation).
16. **Çankırılıgil E.C.**, Berik N., **2017**. Scallop Species in Turkey and Evaluation in terms of Food Safety Considering 9th Task Group of Marine Strategy Framework Directive. SEAB 2017, International Symposium on EuroAsian Biodiversity, 5-8 July 2017, Minsk, Belarus (Oral presentation).
17. **Çankırılıgil E.C.**, Çakmak E., Özel O.T., Kasapoğlu N., **2017**. Black Sea Trout (*Salmo trutta labrax* PALLAS, 1811) Culture in Turkey and Morphometric Characteristics of Fifth Culture Generation. SEAB 2017, International Symposium on EuroAsian Biodiversity, 5-8 July 2017, Minsk, Belarus (Oral presentation).
18. Kasapoğlu N., Düzgüneş E., **Çankırılıgil E.C.**, **2017**. Biodiversity in The Black Sea Bottom Trawl Fisheries and Processing Possibilities of Discard Species. SEAB 2017, International Symposium on EuroAsian Biodiversity, 5-8 July 2017, Minsk, Belarus (Poster presentation).



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19. **Çankırılıgil E.C.**, Berik N., Çakmak E., **2016**. Meat Color Changes in Different Generations of Cultured Black Sea Trout (*Salmo trutta labrax*): A Preliminary Study. FABA 2016, International Symposium on Fisheries and Aquatic Sciences, 3-5 November 2016, Antalya, Türkiye (Poster presentation).
 20. **Çankırılıgil E.C.**, Alp Erbay E., **2016**. Effect of Different Thawing Techniques on Color of Black Sea Trout (*Salmo trutta labrax*) Fillets. FABA 2016, International Symposium on Fisheries and Aquatic Sciences, 3-5 November 2016, Antalya, Türkiye (Poster presentation).
 21. Kasapoğlu N., **Çankırılıgil E.C.**, Çakmak E., **2016**. A Preliminary Study on Growth Characteristics of Striped Sea Bream, *Lithognathus mormyrus* in the Black Sea. FABA 2016, International Symposium on Fisheries and Aquatic Sciences, 3-5 November 2016, Antalya, Türkiye (Poster presentation).
 22. **Çankırılıgil E.C.**, Berik N., **2016**. Changes in Fatty Acid and Mineral Compositions of Rose-Shrimp Croquettes during Production Process. 63rd Scientific Conference with International Participation "Food Science, Engineering and Technology 2016, Plovdiv, Bulgaria, 21-22 October 2016 (Oral presentation).
 23. **Çankırılıgil E.C.**, Çakmak E., Özcan Akpınar İ., **2016**. Histological Development of the Digestive Tract of Black Sea Trout (*Salmo trutta labrax* PALLAS, 1811) During Larval Ontogeny. 41th CIESM Congress, Living Resources & Marine Ecosystems Committee, 12-16 September 2017, Kiel, Germany (Full-text).
 24. Kasapoğlu N., Çakmak E., **Çankırılıgil E.C.**, **2016**. Differences Between Cultured and Wild Black Sea Trout (*Salmo trutta labrax*) Otoliths: a Comparative Study. 41th CIESM Congress, Living Resources & Marine Ecosystems Committee, 12-16 September 2017, Kiel, Germany (Full-text).
 25. Berik N., **Çankırılıgil E.C.**, **2015**. Mineral Contents of Meat and Digestive Glands of Scallops (*Flexopecten glaber*) Caught in Çanakkale Strait, Turkey. MACODESU 2015, Conference of Sea and Coastal Development in the frame of Sustainability, 18-20 September 2015, Trabzon, Türkiye (Poster presentation).
 26. Berik N., **Çankırılıgil E.C.**, **2012**. Determination of Proximate Composition and Sensory Attributes of Scallop (*Flexopecten glaber*) Gonads. Turkish-Japanese Marine Forum, Harmonization of Bio-diversity and Marine Industries Symposium, 9-12 November 2012, Türkiye (Poster presentation).
 27. **Çankırılıgil E.C.**, Berik N., **2012**. Production of Croquettes from Deep-Water Rose Shrimp (*Parapenaeus longirostris*) Meat. Turkish-Japanese Marine Forum, Harmonization of Bio-diversity and Marine Industries Symposium, 9-12 November 2012, Çanakkale, Türkiye (Poster presentation).
- **NATIONAL ARTICLES AND PAPERS**
 - **Articles Published in National Journals**
 - 1. Berik N., **Çankırılıgil E. C.**, **2017**. Carotenoids in Aquaculture and Investigation in terms of Food Safety. Dünya Gıda Dergisi, June, 90. p.
 - **National Presentations, Seminars, etc.**
 - 1. Özel O.T., Çakmak E., **Çankırılıgil E.C.**, Düzgüneş Z.D., Çimagil R., **2022**. Farklı Yaşlarda Cinsel Olgunluğa Ulaşan Karadeniz Somonu Anaçlarının (*Salmo labrax* PALLAS, 1811) Üreme Performansı. 6th National Trout Symposium, 15-16 September 2022, Isparta, Türkiye (Oral presentation).



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2. Özel O.T., Çakmak E., **Çankırılıgil E.C.**, Çimagil R., Düzgüneş Z.D., **2022**. Kuluçkahane Kökenli F₅ ve F₆ Nesil Karadeniz Somonu Anaçlarının (*Salmo labrax* PALLAS, 1811) Üreme Performansı İlişkisi. 6th National Trout Symposium, 15-16 September 2022, Isparta, Türkiye (Oral presentation).
 3. **Çankırılıgil E.C.**, Berik N., **2022**. A Preliminary Study on the Antioxidant Activity and Amino Acid Composition of Marine Sponge *Aplysina aerophoba* Collected from Northeastern Aegean Sea. 5th National Marine Sciences Congress, 1-3 June 2022 Trabzon, Türkiye (Poster presentation).
 4. **Çankırılıgil E.C.**, Berik N., **2017**. Farklı Su Ürünlerinden Elde Edilen Kaplama Ürünlerin Duyusal Özelliklerinin Belirlenmesi. 19. Ulusal Su Ürünleri Sempozyumu, 12-15 September 2017, Sinop, Türkiye (Poster presentation).
 5. **Çankırılıgil E.C.**, Güven A., Balçık Mısır G., **2017**. Kültüre Alınan Altınbaş Kefalin (*Liza aurata*) Kas Dokusu ve Atıklarının Amino Asit Kompozisyonunun Belirlenmesi. 19. Ulusal Su Ürünleri Sempozyumu, 12-15 September 2017, Sinop, Türkiye (Poster presentation).
 6. Kasapoğlu N., Güven A., Çakmak E., Çankırılıgil E.C., Firidin Ş., **2017**. Karadeniz Kefal Avcılığında Hedef Dışı Av Oranları. 19. Ulusal Su Ürünleri Sempozyumu, 12-15 September 2017, Sinop, Türkiye (Poster bildiri).
 7. **Çankırılıgil E.C.**, Berik N., **2013**. Gökkuşluğu Alabalığı (*Oncorhynchus mykiss*) Krokotlerinin Soğuk Muhafazada (+4°C) Raf Ömrünün Belirlenmesi. 17. Ulusal Su Ürünleri Sempozyumu, 3-6 September 2013, İstanbul, Türkiye (Poster bildiri).
 8. Berik N., **Çankırılıgil E.C.**, **2011**. Çanakkale Balık Halinden Temin Edilen Deniz Tarağına (*Flexopecten glaber*) Farklı Pişirme Tekniklerinin Uygulanması. 16. Ulusal Su Ürünleri Sempozyumu, 25-27 October 2011, Antalya, Türkiye (Poster presentation).
 9. Berik N., Kahraman D., **Çankırılıgil E.C.**, **2010**. Alabalık (*Oncorhynchus mykiss*) Marinatlarının Duyusal ve Besin Değeri Bakımından Değerlendirilmesi. 2. Ulusal Alabalık Sempozyumu 6-8 July 2010, Karaman, Türkiye (Poster presentation)
 10. Berik N., **Çankırılıgil E.C.**, Kahraman D., **2010**. Alabalık (*Oncorhynchus mykiss*) Eti Kullanılarak Hazırlanan Krokotlerin Besin Bileşimi ve Duyusal Analizleri Açısından İncelenmesi. 2nd National Trout Symposium, 6- 8 July 2010, Karaman, Türkiye (Poster presentation).
- **Others (Workshop, Information Meetings etc.)**
1. **Çankırılıgil E.C.**, **2023**, 7th National Turkish Antarctic Expedition, T.C. Ministry of Agriculture and Forest, I. Regional Group Meeting, July 2023, Yalova, Türkiye (Oral presentation).
 2. **Çankırılıgil E.C.**, **2023**, Studies that carried out in 7th National Turkish Antarctic Expedition, Career Talks in ÇOMÜ Marine Science and Technology Faculty, June 2023, Çanakkale, Türkiye (Oral presentation).
 3. **Çankırılıgil E.C.**, Ak İ., Türker G., Kara A., Veske E., Apaydın Yağcı M., Kocabaş E., Berik N., **2022**. "Biological Activity Evaluation of Macroalgae Distributed on Horseshoe Island (Antarctica) Coasts by Determining Nutrient Composition and Phytochemical Contents" Project Display. 6. National Polar Science Woskshop, 1 December 2022, Trabzon, Türkiye (Oral presentation).



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4. **Çankırılıgil E.C., 2022.** Studies on Macroalgae Culture. Workshop of Blue Economy and Aquatic Plants, 22-23 June 2022, Antalya, Türkiye (Oral presentation).
5. **Çankırılıgil E.C., Çakmak E., Özel O.T., Kasapoğlu N., Alp Erbay E., Özcan Akpınar İ., 2017.** An Overview on Biology, Biochemistry and Aquaculture of the 5th Culture Generation of Black Sea Trout (*Salmo trutta labrax*) Considering Recent Studies. Workshop on Aquaculture in the Black Sea: Potential and Opportunities, 24-26 October 2017, Trabzon, Türkiye (Oral presentation).

▪ **Book Sections**

1. Ak İ., Kuru E., Türker G., **Çankırılıgil E.C., Dereli M. G., 2022.** Chapter 3: Biochemical compounds of Algae: Sustainable Energy Sources for Biofuel Production. In: Handbook of Algal Biofuels: Aspects of Cultivation, Conversion and Biorefinery (Ed., El-Sheekh M., Abomohra A. E.), Elsevier, 57-58.
2. Düzgüneş Z.D., **Çankırılıgil E.C., Beken A.T., Özel O.T., Cebeci A., 2021.** Bölüm 7: Akvatik Biyoteknoloji. In: Biyoteknoloji (Ed., Usta M.), Trabzon Üniversitesi.

▪ **Thesis**

1. Determination of Meat Quality of the Black Sea Trout (*Salmo labrax* PALLAS, 1814) Fed With Carotenoid Containing Diets – PhD thesis, **2019**.
2. Determination of Quality Parameters of Coated Products (Croquette) Obtained from Different Seafood – Master thesis, **2012**.

▪ **MEMBERSHIP, TRAINING, COURSE, MEETING, CONGRESS, SYMPOSIUM AND OTHER ACTIVITIES**

Administrative:

1. Researcher in Aquaculture Research and Production Facility, Sheep Breeding Research Institute, **2023-Ongoing**.
2. Researcher in Department of Aquaculture Production, Sheep Breeding Research Institute, **2022-Ongoing**.
3. Chief of Recirculating Aquaculture System, Central Fisheries Research Institute, **2013-2021**.

Awards:

1. SCAR Biology Early Career Research Award –Scientific Committee on Antarctic Research, **2023**.
2. Publication Encouragement Award - TUBITAK, **2023**.
3. Publons Peer Review Award - For placing top 1% of reviewers in Agricultural Sciences, **2019**.
4. Publons Peer Review Award - For placing top 1% of reviewers in Agricultural Sciences, **2018**.
5. Best Poster Presentation - Turkish-Japanese Marine Forum; Harmonization of Bio-diversity and Marine Industries Symposium, **2012**.
6. Publication Encouragement Award - TUBITAK, **2012**.



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News, Impact, Promotion, Etc.

1. International News/Project Promotion – I sample Antarctica’s seaweed to improve human health (by Nic Fleming), Where I Work Section, Nature, **2023**. <https://doi.org/10.1038/d41586-023-02314-0>
2. International News/Project Promotion – Medical Use for Antarctic Seaweed? (by Julia Hager), Polar Journal, **2023**. <https://polarjournal.ch/en/2023/07/31/medical-use-for-antarctic-seaweed/>
3. Türk Bilim İnsanlarının Güney Kutbu’ndaki Laboratuvarı Antarktika (by Şebnem Çoşkun), Anadolu Agency, **2023**. <https://www.aa.com.tr/tr/gundem/turk-bilim-insanlarinin-guney-kutbundaki-laboratuvari-antarktika/2860096>

Organizing committes:

1. Tokyo Summit-V, 5th International Conference on Innovative Studies of Contemporary Sciences, 14-16 Ocak **2022**, Virtual-Tokyo, Japan (Chairman of the session).
2. Workshop on Aquaculture in the Black Sea: Potential and Opportunities – 24-26 Ekim **2017**, Trabzon, Türkiye (Organizing committee and secretariat).
3. FABA 2014: International Symposium on Fisheries and Aquatic Sciences - 25-27 Eylül **2014**, Trabzon, Turkey (Organizing committee).

Editorial:

1. Associate editor: Journal of Aquaculture & Marine Biology (**2017 - 2019**).
2. Associate editor: International Journal of Fisheries Science And Research (**2017 - 2019**).
3. Associate editor: Journal of Nutrition and Food Science Forecast (**2017 - 2019**).
4. **Çankırılıgıl E.C.**, Ak O., Akbulut B., **2014**. Symposium Abstract Book - FABA 2014: International Symposium on Fisheries and Aquatic Sciences.

Grant review:

1. Panelist, The Scientific and Technological Research Council of Türkiye, TUBITAK, **2023**.
2. Panelist/Observant, The Scientific and Technological Research Council of Türkiye, TUBITAK, **2022**.
3. National Oceanic and Atmospheric Administration (NOAA), FY20 Saltonstall-Kennedy (S-K) full proposal call, **2019-2020**.

Peer review:

1. Aquatic Sciences and Engineering **2021**
2. Asian Fisheries Science **2019**
3. Biological Trace Element Research **2021**
4. Current Research in Nutrition and Food Science Journal **2019-2020**



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5. Çanakkale Onsekiz Mart University Journal of Marine Sciences and Fisheries **2019-2023**
6. European Food Research and Technology **2022**
7. Environmental Monitoring and Assessment **2021**
8. Food & Function **2016**
9. Food Chemistry **2016-2023**
10. Food Chemistry Advances **2022-2023**
11. Food Research International **2017-2020**
12. International Journal of Analytical Techniques **2017**
13. International Journal of Fisheries Science and Research **2017-2019**
14. Journal of Animal Science and Veterinary Medicine **2020**
15. Journal of Applied Phycology **2020-2021**
16. Journal of the Black Sea Mediterranean Environment **2023**
17. LWT - Food Science and Technology **2017-2021**
18. Marine Life, Science & Technology **2020**
19. Oriental Journal of Chemistry **2019**
20. Thalassas: An International Journal of Marine Sciences **2021**
21. Turkish Journal of Fisheries and Aquatic Sciences **2017-2018**

Teaching:

1. **Çankırılıgil E.C., 2020.** Constitution & Components of Recirculating Aquaculture Systems - GFCM Aquaculture Demonstrative Centres (ADC) Online Courses. 29.04.2020.
<http://www.fao.org/gfcm/news/detail/en/c/1270852/>
2. **Çankırılıgil E.C., 2020.** Production of Big Size Black Sea Trout. Technical Training in the “Conventionalization of Black Sea Trout Culture” Project. 20-21.04.2021, Ordu-Samsun, Türkiye.
3. **Çankırılıgil E.C., 2020.** Incubation and Smolt Size Production in Recirculating Aquaculture System. Technical Training in the “Conventionalization of Black Sea Trout Culture” Project. 20-21.04.2021, Ordu-Samsun, Türkiye.
4. **Çankırılıgil E.C., 2020.** Black Sea Trout Fattening in Different Aquaculture Systems. Technical Training in the “Conventionalization of Black Sea Trout Culture” Project. 20-21.04.2021, Ordu-Samsun, Türkiye.
5. **Çankırılıgil E.C., 2020.** Usage of Recirculating Aquaculture Systems in Broodstock Management. Technical Training in the “Conventionalization of Black Sea Trout Culture” Project. 20-21.04.2021, Ordu-Samsun, Türkiye.
6. **Çankırılıgil E.C., 2020.** Biotechnological Applications. Technical Training in the “Conventionalization of Black Sea Trout Culture” Project. 20-21.04.2021, Ordu-Samsun, Türkiye.



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7. **Çankırılıgıl E.C., 2019.** Basic components of RAS. FAO, Aquaculture Demonstrative Centre - Demonstrative training on trout farming in RAS, 17.07.2019.
8. **Çankırılıgıl E.C., 2019.** Constitution of RAS. FAO, Aquaculture Demonstrative Centre - Demonstrative training on trout farming in RAS, 17.07.2019.
9. **Çankırılıgıl E.C., 2018.** Black Sea Trout (*Salmo labrax*): Biology and Culture Characteristics. FAO, Study Visit on Selective Breeding Practical Approach, 25.12.2018.

Training and courses:

1. 9th ACSE Annual Meeting - Advancing Scholarly Publishing through Evolution, Equity, and Empowerment, **2023**.
2. CMAS Two Star Diver Training Program, **2022**
3. Training Course on Green Aquaculture. Technology for the Belt & Road. Countries, China (Virtual), **2022**
4. Computer application in Fisheries "R software", *TAGEM*, **2020**.
5. Project proposal training for Horizon 2020 Era-net calls, *TAGEM*, **2020**.
6. Amino acid analysis and application training with HPLC, *Agilent Technologies*, **2017**.
7. HPLC setup and usage training, *Agilent Technologies*, **2016**.
8. Use of SPSS Statistical Package Program in Agricultural Research, *TAGEM*, **2016**.
9. Trial Techniques and Statistics in Agricultural Research, *TAGEM*, **2015**.
10. Use of Statistical Package Programs in Agricultural Research, *TAGEM*, **2015**.
11. Editor and writer training seminar, *ULAKBİM*, **2015**.
12. Academic Article Writing Course, TEOL Language School, **2015**.
13. National academic AR-GE support presentation and project proposal preparation training, *ARDEB*, **2014**.
14. ISO 9001, ISO 2000 and Internal auditor certification program, *Utku Counseling*, **2008**.
15. CMAS One Star Diver Training Program, **2008**.

Web sites:

- [#GoogleScholar](#) ● [#Researchgate](#) ● [#Orcid](#) ● [#Publons](#) ● [#LinkedIn](#)