

## PERSONAL INFORMATION

<b>Name/Family Name:</b>	PhD. Osman Tolga OZEL	
<b>Title:</b>	Agricultural Engineer	
<b>Department:</b>	Aquaculture	
<b>E-mail:</b>	osmantolga.ozel@tarimorman.gov.tr osmantolgaozel@gmail.com	
<b>Phone:</b>	0462 341 10 53	
<b>Birth Date/Place:</b>	1978 - Trabzon	

## EDUCATIONAL INFORMATION

<b>Bachelor's Degree</b>	
University Academic Unit Graduation Year	Uludag University Faculty of Agricultural / Department of Animal Sciences 2002
<b>MSc</b>	
University Academic Unit Graduation Year	Ondokuz Mayıs University Faculty of Agricultural / Department of Animal Sciences 2006
<b>PhD</b>	
University Academic Unit Graduation Year	Ondokuz Mayıs University Faculty of Agricultural / Department of Animal Sciences 2015

## FOREIGN LANGUAGE

English	63.75 - Foreign Language Exam (YDS) 71.25 - Foreign Language Exam (YÖK-DİL)
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## TASKS

Institution	Title	Year
Central Fisheries Research Institute, Trabzon Private sector	Engineer Manager	2011- Present 2005-2006

## PUBLICATIONS

### International Publications

#### SCI, SCI-expanded, SCI and E-SCI Papers:

**Ozel, O.T.**, Cakmak, E., Öztürk, E. 2018. Effects of Alternative Oil Sources on Growth Performance, Lipid Metabolism and mRNA level of Some Genes in Juvenile Black Sea Trout (*Salmo trutta labrax* Pallas,1811). Turkish Journal of Fisheries and Aquatic Sciences. 18: 891-903. doi:10.4194/1303-2712-v18-7-07.

**Ozel, O.T.**, Cakmak, E., Coskun, I., Cankirilgil, 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. Volume 35, Issue 2.

Cakmak, E., Cankirilgil, E.C, **Ozel, 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

Akbulut, B., Çakmak, E., **Ozel, O.T.**, Dülger, N. 2012. Effect of Anaesthesia with Clove Oil and Benzocaine on Feed Intake in Siberian Sturgeon (*Acipenser baerii* Brandt, 1869). Turkish Journal of Fisheries and Aquatic Sciences. 12: 487-493.

### **International Papers**

**Özel, O.T.**, Coskun, I., Cakmak, E., Cimagil, R. 2019. Histomorphological Study on The Pyloric Caeca and Intestine of Black Sea Trout (*Salmo labrax* Pallas 1814). Turkish Journal of Agriculture – Food Science and Technology. 7(12): 2159-2164, 2019 doi: <https://doi.org/10.24925/turjaf.v7i12.2159-2164.2918>.

Cakmak, E., Cankiriligil, E.C, Düzgünes, Z. D., **Özel, O.T.**, Eroglu, O., Firidin, S. 2019. Triploid Black Sea Trout (*Salmo labrax* Pallas, 1814) Induced by Heat Shock and Evaluation of Triploidy with Different Techniques. Genetics of Aquatic Organisms 3(1), 01-07. doi.org/10.4194/2459-1831-v3\_1\_01.

**Özel, O.T.**, Coskun, I., Cakmak, E. 2018. Intestine Villi Morphology of Black Sea Trout (*Salmo labrax* Pallas, 1814). LimnoFish. 4(1):42-46. doi:10.17216/LimnoFish.365434.

Sarıçiçek, B.Z., **Ozel, O.T.** 2010. Determination of Rumen Microbial population Changed Depend on feeding in the Ruminants. Trends in Animal & Veterinary Sciences Journal. 1(1):36-41.

### **International Symposiums, Meetings and Conferences:**

#### **Oral presentation**

**Özel, O.T.**, Coskun, I., Cakmak, E. 2019. The morphologic examination of midgut section of Black Sea trout (*Salmo labrax* Pallas 1814). 11. International Animal Science Conference. 20-22 October 2019, Nevşehir.

Çakmak, E., **Özel, O.T.**, Perker, N., Altuntas, A., Aksungur, N., Aksungur, M., Ergün, H., Düzgünes, Z.D., Özdemir, M.D. 2019. The effects of diets with different protein levels on Black Sea trout (*Salmo labrax*, Pallas 1814) reproductive performance. 11. International Animal Science Conference. 20-22 October 2019, Nevşehir.

**Ozel, O.T.**, Gürkan-Ertürk, S. 2019. Temporal variation of some digestive enzyme activities of Black Sea trout (*Salmo labrax*). International Erciyes Agriculture, Animal and Food Sciences Congress. 24-27 April 2019, Kayseri.

**Ozel, O.T.**, Türe M., Cakmak E., Cimagil R., Çankırılıgil E. C., Kutlu I. 2018. Effects of dietary daphne (*Laurus nobilis* L.) and fennel (*Foeniculum vulgare* L.) oils on some intestinal bacteria of Black Sea trout (*Salmo labrax* Pallas, 1814). IV. International Agriculture Congress 05-08 July 2018, Nevşehir.

**Ozel, O.T.**, Cakmak, E., Coskun, I. 2017. Intestine villi morphology of Black sea trout (*Salmo trutta labrax* Pallas, 1811): In seawater and after freshwater transfer. I<sup>th</sup> International Symposium on Limnology and Freshwater Fisheries. 04-06 October 2017, Isparta.

Cankırılıgil, E.C., Cakmak, E., **Ozel, O.T.**, Kasapoglu, N. 2017. Black Sea trout (*Salmo trutta labrax* PALLAS, 1811) culture in Turkey and morphometric characteristics of fifth culture generation. International Symposium on EuroAsian Biodiversity 05-08 July 2017.

#### **Poster presentation**

**Ozel, O.T.**, Coskun, I., Cakmak, E. 2017. Intestine villi morphology of Black sea trout (*Salmo trutta labrax* Pallas, 1811): Age. I<sup>th</sup> International Symposium on Limnology and Freshwater Fisheries. 04-06 October 2017, Isparta.

**Ozel, O.T.**, Coskun, I. 2017. Intestine villi morphology of Black Sea trout (*Salmo trutta labrax* Pallas, 1811): Different Weight of Similar Ages. I<sup>th</sup> International Symposium on Limnology and Freshwater Fisheries. 04-06 October 2017, Isparta.

Akpınar, Z., **Ozel, O.T.**, Hasimoglu, A. 2016. The egg production of European seabass (*dicentrarchus labrax*, l., 1758) on controlled conditios in Blacksea. International symposium on Fisheries and Aquatic Sciences, 04-06

November 2016, Antalya.

Akpınar, Z., Akpınar, I.O., **Özel, O.T.**, Hasimoğlu, A. 2016. A study on natural reproduction behavior of European seabass (*dicentrarchus labrax*, lin. 1758) in the black sea. International symposium on Fisheries and Aquatic Sciences, 04-06 November 2016, Antalya.

### **National Publications**

#### **National Papers**

**Özel, O.T.**, Sarıççek, B.Z. 2009. Ruminantlarda Rumen Mikroorganizmalarının Varlığı ve Önemi. Türk Bilim Araştırma Vakfı. Cilt:2, Sayı:3, Sayfa: 227-285.

**Özel, O.T.**, Öztürk, E., Garipoğlu, A.V. 2017. Balıklarda Lipid Metabolizması. Aquaculture studies, 17 (3): 303-317. doi: 10.17693/yunusae.vi.271321.

Akbulut, B., Aksungur, N., **Özel O.T.** 2011. Mersin Balıklarının Besin İhtiyaçları ve Beslenmeleri. Aquaculture studies, 11 (4).

#### **National Symposiums, Meetings and Conferences:**

##### **Oral presentation**

Özdemir, A., **Özel, O.T.** 2011. Ülkemizde Balık Besleme Araştırmaları. Balık Besleme ve Yem Teknolojisi Çalıştayı. 30 Haziran-01 Temmuz 2011. Isparta,

##### **Poster presentation**

Polat, H., Aydın, İ., Küçük, E., **Özel, O.T.**, Alp, E. 2014. Kalkan Balığında (*Psetta maxima*) Fotoperiyod Yöntemiyle Erken Dönemde Elde Edilen Spermin Özellikleri. 5. Doğu Anadolu Bölgesi Su Ürünleri Sempozyum, 31 Mayıs -02 Haziran 2014, Elazığ.

Akpınar, Z., Özdemir, A., Aksungur, N., Dülger, N., **Özel, O.T.**, Akbulut, B., Ergün, H., Çakmak, E., Melek, H. 2013. Gözlenmiş Sibirya Mersini (*Acipenser baerii* Brandt, 1869) Yumurtalarının Kapalı Devre Sistemde Kuluçka ve Yavru Üretim Başarısı. FABA2013 Balıkçılık ve Akuatik Bilimler Sempozyumu, 30 Mayıs - 1 Haziran 2013, Erzurum.

**Özel, O.T.**, 2012. Su Ürünleri Yetiştiriciliğinde Humik Maddelerin Kullanım Olanakları. (Uluslararası katılımlı) 1. Ulusal Humik Madde Kongresi. 06-09 Haziran 2012. Sakarya. SAÜ Fen Edebiyat Dergisi (2012-1). 519-527.

**Özel, O.T.**, Sarıççek, B.Z. 2011. Rumen Anaerobik Mantarları. 6. Ulusal Hayvan Besleme Kongresi (uluslararası katılımlı). 29 Haziran-02 Temmuz 2011. Samsun, Bildiriler kitabı 515-519.

**Özel, O.T.**, Sarıççek, B.Z. 2011. Ruminant Beslemede Bor Mineralinin Önemi. 7. Ulusal Zootekni Bilim Kongresi. 14-16 Eylül 2011. Adana, Bildiriler kitabı

**Özel, O.T.**, Sarıççek, B.Z. 2008. Rumen Protozoaları. 4. Ulusal Zootekni Öğrenci Kongresi. 15-17 Mayıs 2008. Samsun, 312-315.

Sarıççek, B.Z., **Özel, O.T.** 2004. Farklı Yem Hammaddelerinin Rumen Mikroorganizma Populasyonu Üzerine Etkisi. 4. Ulusal Zootekni Bilim Kongresi. 01-03 Eylül 2004. Isparta, 230-235.

## **PROJECTS**

### **Current Projects:**

TAGEM - 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*) Researcher (2020 - Ongoing).

TAGEM - Investigation of the possibilities of using some phytobiotic added diets in nutrition of Black sea trout

(*Salmo trutta labrax* Pallas, 1811) (Project leader) 2017-2019

TAGEM - Determination of the Success of Usage Cryopreserved Sperm (Artificial Insamination) in Rainbow Trout (*Oncorhynchus mykiss*) Aquaculture (Researcher) 2017-2019

### **Completed Projects:**

TAGEM - Determination of the Bioecology and Aquaculture Characteristics of the Mullet Species (*Mugil cephalus*, *Liza aurata*) in the Eastern Black Sea (Researcher) 2015- 2019

TAGEM - Broadstock Management in Sturgeon Breeding (Researcher) 2015- 2017

TAGEM - Preliminary Study for fish Gen Bank: Cryoprsvation (Researcher) 2013-2015

TAGEM - The Determination of Nutritional Requariments in Blacksea Trout (*Salmo trutta labrax*) (Researcher) 2011-2013

TAGEM - Improvement of Sturgeon Culture and Conservation Strategy (Researcher) 2011-2013

## **OTHER**

### **Editorial**

Turkish Journal of Fisheries and Aquatic Sciences – Production Editor (2013-2015)

### **Orginizing Committee**

**Workshop:** Workshop on Aquaculture in the Black Sea: Potential and Opportunities – 24-26 October 2017, Trabzon, Turkey (Orginizing)

### **Administrative**

Recirculated aquaculture systems responsible (2012-2013)

Marine cages responsible (2012- present)

Internship responsible (2015- 2018)

### **Reviewing**

2015: Turkish Journal of Fisheries and Aquatic Sciences (2)

2016: Turkish Journal of Fisheries and Aquatic Sciences

2018: Aquaculture Studies

### **International meetings**

**2018:** Regional Meeting to Operationalize the Strategy for the Sustainable Development of Mediterranean and Black Sea Aquaculture, Food Agricultural Organisation (FAO) - Paticipant

**2018:** Aquaculture Demonstrative Centre Black Sea Focus Technical Meeting, Food Agricultural Organisation (FAO) - Paticipant

**2019** Demonstrative Trainin on Trout Farming in RAS. Food Agricultural Organisation (FAO) and General Fisheries Commision fort he Mediterranean (GFCM) -Trainer