



**TAGEM**  
R&D AND INNOVATION

SU ÜRÜNLERİ MERKEZ ARAŞTIRMA ENSTİTÜSÜ  
MÜDÜRLÜĞÜ/ TRABZON

## Muhammed Doğan ÖZDEMİR

### Aquaculture Engineer

#### EDUCATION

- PhD**  
2020-.... Recep Tayyip Erdoğan University  
Department of Aquaculture
- MSc.**  
2017-2018 University of Plymouth  
Sustainable Aquaculture Systems
- Bachelor**  
2008-2012 Ege University  
Aquaculture Engineering
- LANGUAGE**  
English C2 St.Giles International, London.  
English C1 (7.0) IELTS UKVI Academic.  
Dutch Level 4 – ILT KULeuven, Leuven.

#### CAREER

- 2019-..... Engineer, Central Fisheries Research Institute (SUMAE)- TRABZON
- 2014-2018 Cost Analyst, Private Sector- İSTANBUL
- 2012-2014 Artisanal Candy Maker, Private Sector- İSTANBUL

#### ABOUT ME

He completed his master's degree in England with the scholarship he won in 2015 and started to work as an engineer at SUMAE in 2019. Although he is experienced in aquaculture, fish physiology and data analysis, he has recently been interested in the physiology of Trout (Salmonidae), especially Black Sea trout (*S. labrax*), and proteomics-based studies.

As of 2021, He bared the responsibility of the RAS Incubation and Larval Rearing Unit. His daily routine includes regular maintenance of the fish, as well as ensuring the continuity of suitable water conditions for growth and welfare, and for the training and supervision of support personnel. He plays a supporting role in the sturgeon breeding and conversation program. He is the managing editor of the journal Aquaculture Studies.

#### CONTACT

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### PROJECTS

#### Conducted Projects

**TAGEM** | Determination of Aquaculture Carrying Capacity in Inland Waters (Guided Project) | Researcher (2020-2021)

#### Ongoing Projects

**TAGEM** | The Use of Molecular Genetics and Biotechnological Methods to Form Trout Breeding Line | Researcher (2019-2024)

**TAGEM** | Development of Aquaculture Techniques in Sturgeons | Researcher (2019-2024)

### PUBLICATIONS

#### Articles Published in International Indexed Journals (SCI, SCI-Expanded)

Dağtekin M., Genç, Y., Kasapoğlu, N., Erik, G., Mısır, D. S., İlhan, S., ... & Özdemir, M. D. (2022). Length-weight relationships of 28 fish species caught from demersal trawl survey in the Middle Black Sea, Turkey. *Turkish Journal of Zoology*, 46(1), 67-73.

#### Articles Published in Other International Journals

Massa, F., Aydin, I., Fezzardi, D., Akbulut, B., Atanasoff, A., Beken, A.T., Bekh, V., Buhlak, Y., Burlachenko, I., Can, E., Carboni, S., Caruso, F., Dağtekin M., Demianenko, K., Deniz, H., Fidan, D., Fourdaine, L., Frederiksen, M., Guchmanidze, A., Hamza, H., Harvey, J., Nenciu, M., Nikolov, G., Niță, V., Özdemir, M.D., Petrova-Pavlova, E., Platon, C., Popescu, G., Rad, F., Seyhaneyildiz Can, Ş., Theodorou, J.A., Thomas, B., Tonachella, N., Tribilustova, E., Yakhontova, I., Yesilsu, A.F., Yücel-Gier, G. (2021). Black Sea Aquaculture: Legacy, Challenges & Future Opportunities. *Aquaculture Studies*, 21, 181- 220. [https://doi.org/10.4194/2618-6381-v21\\_4\\_05](https://doi.org/10.4194/2618-6381-v21_4_05)

#### International Papers, Seminars, etc.

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 (Seminar).



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### National Papers, Seminars, etc.

Başçınar, N. S., Dağtekin M., İlhan, S., Erik, G., Sultan, A. N., Kaya, T., Büyükdeveci, F., Cebeci, A., Kasapoğlu, N., Özsandıkçı, U., Kılıç, M. B., Genç, Y., Altuntaş, C., Kalıpçı, Ö., Zengin, M., Mısır, D. S., Demir, U., Gaygusuz, Ö., **Özdemir, M. D.** (2019). Doğu Karadeniz (Sinop-Hopa) Balık ve Makrozoobentoz Biyoçeşitliliği. II. Ulusal Denizlerde İzleme ve Değerlendirme Sempozyumu, 11-13 December 2019, Ankara, Türkiye.

Dağtekin M., Genç, Y., Başçınar, N. S., Kasapoğlu, N., Kılıç, M. B., Altuntaş, C., İlhan, S., Erik, G., Sultan, A. N., Kaya, T., Özsandıkçı, U., Büyükdeveci, F., Cebeci, A., Mısır, D. S., Zengin, M., Demir, U., Kalıpçı, Ö., Gaygusuz, Ö., **Özdemir, M. D.** (2019). Doğu Kardeniz'deki (Sinop-Hopa) Demersal Balıkçılık Kaynaklarının Durumu. II. Ulusal Denizlerde İzleme ve Değerlendirme Sempozyumu, 11-13 December 2019, Ankara, Türkiye.

### Ph.D. Thesis, Master Thesis, Reports, Books etc.

Fidan, D., Çakmak, E., Özel, O., Kalıpçı, Ö., Altınbaş, M., Yavuz, M., Çalışkan, D., Çankırılıgil., E.C., **Özdemir, M.D.**, Saler, Serap., Pala, G. ve Bulut, Hilal. (2021). Estimation of Deriner Dam Reservoir Carrying Capacity; Application of Phosphorus Mass Balance Model, Risks and Uncertainties, Project Final Report, 75 P.

Aydın, İ., Polat., H., Küçük, E., **Özdemir, M. D.**, Turbot and Flounder Aquaculture, 106-126, Book Chapter; Çoban, D., Demircan, M.D., Tosun, D.D. (Eds.) 2020. Marine Aquaculture in Turkey: Advancements and Management. Turkish Marine Research Foundation (TUDAV) Publication No: 59, İstanbul, Türkiye.

**Özdemir, M.D.** (2018). Effects of dietary probiotic (*Pediococcus acidilactici*) on breeding efficiency and reproduction of adult zebrafish (*Danio rerio*), Master Thesis, University of Plymouth, England.

**Özdemir, M.D.** (2012). The development of a Common Mediterranean Sea Urchin (*Paracentrotus lividus*) and the effects of zinc at early stages, Bachelor Thesis, Ege University, Türkiye.

### OTHER ACTIVITIES

#### Editorial

Aquaculture Studies, Manager Editor (2021-Current).

Turkish Journal of Fisheries and Aquatic Sciences, Technical Editor (2020-2021).

Aquaculture Studies, Technical Editor (2020-2021).

Genetics of Aquatic Organisms, Technical Editor (2020-2021).



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### Trainings

**Özdemir, M. D.**, 2021. Demonstrative Training on Sturgeon Aquaculture- GFCM Aquaculture Demonstrative Centres (ADC) Online Courses. 15-19.11.2021.  
<https://www.fao.org/gfcm/news/detail/en/c/1444298/>

**Özdemir, M. D.**, 2021. Demonstrative Training on Finfish Pathology- GFCM Aquaculture Demonstrative Centres (ADC) Online Courses. 5-13.04.2021. <https://www.fao.org/gfcm/news/detail/en/c/1382561/>

**Özdemir, M. D.**, 2020. Suitable Design and Business Forecast for New Facilities- GFCM Aquaculture Demonstrative Centres (ADC) Online Courses. 29.04.2020.  
<https://www.fao.org/gfcm/news/detail/en/c/1270852/>

**Özdemir, M. D.**, 2019. Journal Management and Preparation. Central Fisheries Research Institute (SUMAE), Trabzon, Türkiye. 08-09/07/2019.

### Social Networks

**Google Scholar:** [Muhammed Doğan Özdemir- Google Scholar](#)

**Research Gate:** [Muhammed OZDEMİR | Engineer | Master of Science | Aquaculture \(researchgate.net\)](#)

**ORCID:** [Muhammed Doğan Özdemir \(0000-0003-2294-1437\) \(orcid.org\)](#)