



**TAGEM**  
R&D AND INNOVATION

CENTRAL FISHERIES RESEARCH INSTITUTE  
SUMAE / TRABZON

## MELİKE ALEMDAĞ

### Fisheries Technology Engineer

#### EDUCATION

- PhD**  
2018- Karadeniz Technical University  
Fisheries Technology Engineering
  - MSc**  
2014-2017 Karadeniz Technical University  
Fisheries Technology Engineering
  - Bachelor's Degree**  
2010-2014 Karadeniz Technical University  
Fisheries Technology Engineering
- LANGUAGE** English YOKDIL 61,25

#### CAREER

- 2018 - Researcher, SUMAE - TRABZON

#### ABOUT ME


She started to work in the Breeding and Genetics department in 2018.

She is active in several projects and works on population genetics, bioinformatics (mtDNA, and microsatellite), and chromosome analysis.

#### CONTACT

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### ■ **PROJECTS**

#### ■ **Projects Conducted**

- **TAGEM-**Determination of Cultural Characteristics of Some Mullet Species (*Mugil cephalus* L. 1758 and *Liza aurata*, Risso 1810) Distributed in the Eastern Black Sea Region (2015-2020)(Researcher)
- **TAGEM-** Determination of Cryopreserved Sperm Use (Artificial Insemination) Success in Rainbow Trout (*Oncorhynchus mykiss*) Cultivation (2017-2021) (Researcher)

#### ■ **Ongoing Projects**

- **TAGEM-** Determination of Genetic Diversity of Bluefish (*Pomatomus saltatrix*) in Turkish Coasts (2020-) (Researcher)
- **TAGEM-**National Aquaculture Genetic Database (2017-)(Researcher)
- **TAGEM-** The Use of Molecular Genetics and Biotechnological Methods to Form Black Sea Trout Breeding Line (Researcher)2019-2024
- **TAGEM-** Isolation and Characterization of Bacteriophage against Fish Pathogenic Bacteria, *Aeromonas Hydrophila* (2021-)
- **KTU-BAP-** Determination of Hybridization and Hybridization Status of Brown Trout (*Salmo trutta*) Spreading in Turkey (2019-) (Researcher)

### ■ **PUBLICATIONS**

#### ■ **INTERNATIONAL ARTICLES AND PAPERS**

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

Firidin S., Ozturk R. Ç., Alemdag M., Eroglu O., Terzi Y., Kutlu I., Duzgunes., Z. D., Cakmak, E., Aydın, I. **2020**. Population genetic structure of turbot (*Scophthalmus maximus*L., 1758) in the Black Sea, Journal of Fish Biology, cilt.97, sa.4, ss.1154-1164. <https://doi.org/10.1111/jfb.14487>

**Alemdag, M., Öztürk, R. Ç., Sahin, S. A., Altınok İ. 2019.** Karyotypes of Danubian lineage brown trout and their hybrids, Caryologia, cilt.72, sa.4, ss.61-67, 10.13128/caryologia-160



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### Articles Published in Other International Journals

- International Papers, Seminars, etc.

### ▪ NATIONAL ARTICLES AND PAPERS

- Articles Published in National Journals
- International Papers, Seminars, etc.

### ▪ OTHER PUBLICATIONS

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

Master Thesis : Determination of chromosome number and structure of brown Trout (*Salmo trutta labrax*, *S.t. caspius*, *S.t. abanticus*) and their hybrids distributed in Anatolia

- Membership, Training, Course, Meeting, Congress, Symposium and Other Activities

### Editorial

Ongoing

Past

### Trainings

### Social Networks