



TAGEM
R&D AND INNOVATION

MEDITERRANEAN FISHERIES RESEARCH
PRODUCTION AND TRAINING INSTITUTE / ANTALYA

İSMAİL DAL

Fisheries Engineer

EDUCATION

Assoc. prof

PhD

MSc Süleyman Demirel University
2008-2011 Faculty of Fisheries

Bachelor's Degree Ondokuzmayıs University
1995-1999 Faculty of Fisheries

LANGUAGE English ÜDS 50

CAREER

2002-... Researcher, Mediterranean Fisheries Research,
Production and Training Institute / ANTALYA

2000-2002 Engineer, Provincial Directorate of Agriculture /
ZONGULDAK

1993-2000 Veterinary Health Technician, Dikmen District
Directorate of Agriculture/SİNOP

1990-1993 Veterinarian, Siverek District Directorate of
Agriculture/SANLIURFA

ABOUT ME

He was born in 1973 in Söke. He graduated from Selimiye Veterinary Health Vocational High School in 1990, from Ondokuz Mayıs University Sinop Fisheries Faculty in 1999, and completed his master's degree at Süleyman Demirel University in 2011.

He took part in many national and international projects. He has experience in breeding aquarium fish and managing trawling operations.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

- Determination of Population Parameters of Puffer Fish in Antalya Bay (2009) (Researcher)
- Investigation of Reproductive Traits of *Ladigesocypris ghigii* (Gianferrari,1927) (2009-2012) (Project Leader)
- Investigation of Parasitic and Bacterial Disease Factors in Imported Freshwater Aquarium Fish (2011-2013) (Researcher)
- Determination of Reproductive Characteristics of Some Aphanius Species (*Aphanius mento*, *Aphanius villwocki*, *Aphanius sureyanus*) found in Turkish Inland Waters under Artificial Conditions (2011-2014) (Researcher)
- Determination of Reproductive Characteristics and Breeding Criteria of Doctor Fish (*Garra rufa* and *Cyprinion macrostomus*) (2014-2016) (Researcher)
- My Lagoon (2016-2017) (BAKA Project-Researcher)
- Biological Characteristics and Stock Size Estimation of Commercial Shrimp Species in Antalya Bay (2015-2018) (Project Leader)
- An Investigation of the Structural and Socio-Economic Situation of the Ornamental Fish Farms in Turkey (2018) (Researcher)
- Estimation of the Sizes of Demersal Fish Stocks on the Mediterranean Coast of Turkey (2015-2018) (Researcher)
- Development of Ecosystem Approach Fisheries Plan for Small Scale Fisheries in Gökova Bay (2016-2018) (Researcher)
- Determination of Phytoplankton Diversity and Distribution in Antalya Bay, Effect of Physicochemical Parameters on Succession (2017-2019) (Researcher)
- Detection of Bacterial and Parasitic Factors in Aquarium Enterprises in the Mediterranean Region (2017-2020) (Researcher)
- Determination of Distribution Areas, Biology and Tetrodotoxin Levels of Puffer fish (*Lagocephalus sceleratus*) on the Coasts of Our Country, Investigation of Possible Control Methods (2017-2020) (Researcher)
- The Pilot study on the collection of biological data along the Turkish coast of Aegean (GSA 22) and Mediterranean (GSA 24). Food and Agriculture Organization of the United Nations (FAO) under the project “Scientific and Institutional Cooperation to Support Responsible Fisheries in the Eastern Mediterranean (EastMed) (2018-2020) (Researcher)
- Evaluation of Biofloc Produced with Different Carbon Sources as a Food Source for Carp (*Cyprinus carpio*), Trout (*Oncorhynchus mykiss*) and Goldfish (*Carassius auratus*) (2019-2020) (Researcher)
- Collection of Biological Data from Fisheries in Aegean and Mediterranean Coasts (2020-2021) (Researcher)
- Blue Hope Initiative (2018-2021) (Researcher-Project Contact Point)



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▪ **PROJECTS**

▪ **Ongoing Projects**

- Determination of Genetic Diversity of Carp Populations in Fishing Sources (2017-2022) (Researcher) Establishment of Fisheries Genetic Database (2017-2027) (Researcher)
- Stock Evaluation Practices in Fishing Activities: Beymelek Lagoon Model (2020-2022) (Researcher)
- Estimation of the Sizes of Demersal Fish Stocks on the Mediterranean Coast of Turkey (Monitoring project) (2021-2023) (Researcher)
- Effects of Climate Change on Fisheries Stocks and Determination of Distribution Areas of Invasive Species in Our Seas (2022-2027) (Researcher)



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

- Sevgili, H., Y. Emre ve **İ. Dal**, 2011. Growth, Nutrient utilization and Digestibility of Mirror Carp (*Cyprinus carpio*) Fed Diets Containing Graded Levels of Hazelnut Meal in Place of Fishmeal. *Bamidgeh (İsraeli Journal of Aquaculture)*, 63, 557.
- Ünlüoğlu, A., Akalın, S., Dal, İ., Aydın, C.M., 2018. First record of red cornetfish *Fistularia petimba* (Syngnathiformes: Fistulariidae) from Antalya and İskenderun Bays along Turkish Coasts of the Mediterranean Sea. *Journal of Applied Ichthyology*, Volume 34, Issue 4, Pages 977-980, 2018.
- AYDIN, M., ERKAN, S., **DAL, İ.**, 2017. Antalya Körfezi'ndeki Tetraodontidae familyasına ait 3 türün (*Lagocephalus sceleratus*, *Lagocephalus spadiceus*, *Lagocephalus suezensis*) boy-ağırlık ilişkisi. *Turkish Journal of Maritime and Marine Sciences* Volume: 3 Issue: 2 (2017) 67-74
- Kosker, Ali Rıza, Merve Karakus, Panagiota Katikou, **İsmail Dal**, Mustafa Durmus, Yılmaz Ucar, Deniz Ayas, and Fatih Özogul. "Monthly Variation of Tetrodotoxin Levels in Pufferfish (*Lagocephalus sceleratus*) Caught from Antalya Bay, Mediterranean Sea." *Marine Drugs* 21, no. 10 (2023): 527.

▪ **International Papers, Seminars, etc.**

- UYSAL, G., SEVGİLİ, H., **DAL, İ.**, KANYILMAZ, M., SEZEN, S., 2016. Do Angelfish (*Pterophyllum scalare*, G. 1862) Have A Color Preference For Spawning Substrate? Poster Presentation. FABA 2016: International Symposium on Fisheries and Aquatic Sciences, 3-5 November 2016, Antalya/TURKEY. Abstract Book, p.311, ISBN: 978-605-9175-59-3.
- AYDIN, C. M., TIRAŞIN, E. M., ÜNLÜOĞLU, A., **DAL, İ.**, YEŞİLTAŞ, M., AKALIN, S., ERKAN, S., KARAKUŞ, M., UYSAL, G., ÖZTÜRK, S., SARIGÖZ, S., TOSLAK, C., EMRE, Y., 2016. Fisheries Resources Along The Mediterranean Coast of TURKEY Based On Bottom-Trawl Surveys. Poster Presentation. FABA 2016: International Symposium on Fisheries and Aquatic Sciences, 3-5 November 2016, Antalya/TURKEY Abstract Book, p.442, ISBN: 978-605-9175-59-3.
- ÜNLÜOĞLU, A., EMRE, N., TIRAŞIN, E. M., **DAL, İ.**, AKALIN, S., AYDIN, C. M., 2016. Preliminary Results On The Fecundity Of Argentine (*Argentina sphyraena*) In Antalya Bay (Eastern Mediterranean Sea). Poster Presentation. FABA 2016: International Symposium on Fisheries and Aquatic Sciences, 3-5 November 2016, Antalya/TURKEY Abstract Book, p.443, ISBN: 978-605-9175-59-3.
- KARAKUŞ, M., **DAL, İ.**, AYDIN, C. M., UYSAL, G., YEŞİLTAŞ, M., ERKAN, S., ÖZTÜRK, S., SARIGÖZ, S., ÜNLÜOĞLU, A., TIRAŞIN, E. M., AKALIN, S., TAN, D., EMRE, Y., 2016. Marine Litter In Antalya Bay: Eastern Mediterranean. Poster Presentation. FABA 2016: International Symposium on Fisheries and Aquatic Sciences, 3-5 November 2016, Antalya/TURKEY Abstract Book, p.555, ISBN: 978-605-9175-59-3.



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- TIRAŞIN, E.M., AYDIN, C. M., AKALIN, S., **DAL, İ.**, ÜNLÜOĞLU, A., 2016. Some Observations On The Reproductive Biology of *Squalus blainvillei* Along The Western Mediterranean Coast of TURKEY. Oral Presentation. FABA 2016: International Symposium on Fisheries and Aquatic Sciences, 3-5 November 2016, Antalya/TURKEY Abstract Book, p.156-157, ISBN: 978-605-9175-59-3.
- AYDIN,M., ERKAN,S.,**DAL,İ.**,2017.Length-weight relationships of the 3 Tetraodontidae. International Symposium On Pufferfish. 13-14 October 2017, Bodrum/TURKEY
- Karakus M., **Dal I.** , Aydin C.M., (2022). The First Record of Age Findings of *Sphoeroides pachygaster* (Muller and Troschel, 848) in Eastern Mediterranean Sea. 2. *Pufferfish and lionfish symposium Bodrum/2022.* (Oral Presentation).

▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **International Papers, Seminars, etc.**

- ÖZTÜRK, S., KARAKUŞ, M., **DAL, İ.** SARIGÖZ, S., YEŞİLTAŞ, M., BUĞDAYCI KANLI, M., TIRAŞIN, E M., ÜNLÜOĞLU, A., 2017. Antalya Körfezinde Yapılan Trol Çekimlerinde Toplanan Deniz Çöplerinin Durumu. Uluslararası Katılımlı Çevre ve Ekoloji Kongresi, EDİRNE.
- ÖZTÜRK, S., **DAL, İ.**, SARIGÖZ, S., AYDIN, C.M., ERKAN, S., BUĞDAYCI KANLI, M., TIRAŞIN, E.M.,2018. Lenght Weight Relationship of Common Pandora (*Pagellus erythrinus*, Linnaeus 1758) in Antalya Bay. Oral Presentation. International Symposium of Fisheries and Aquatic Sciences, 21-23 November, Ankara/TURKEY. Abstract Book, p.24. ISBN: 978-605-68894-0-0
- AYDIN, C.M., TIRAŞIN, E.M., **DAL, İ.**, ÜNLÜOĞLU, A., 2018. Carapace Length-Weight Relationships of *Parapenaeus longirostris* and *Aristeus antennatus* in Antalya Bay. Poster Presentation. International Symposium of Fisheries and Aquatic Sciences, 21-23 November, Ankara/TURKEY. Abstract Book, p.140. ISBN: 978-605-68894-0-0

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in National Journals**

- MEFUT,A., AKSOY,A., EMRE,N., **DAL, İ.**, 2017.İthal Edilen Tatlı Su Akvaryum Balıklarında Paraziter Hastalık Etkenlerinin Tespiti. 19.Ulusal Su Ürünleri Sempozyumu.12-15 EYLÜL 2017,SİNOP.
- Diler,İ.,Sarıgöz,S., Emre,Y.,**Dal,İ.**, Sezen,S.,2007,Severum (*Heros severus*) Balıklarında Bazı Pigment Maddeli Yemlerle Beslenmesinin Büyüme ve Deri Rengine Etkileri, Türk Sucul Yaşam Dergisi Ulusal Su Günleri 2007 Sempozyum Özel Sayısı, YIL 3-5, SAYI 5-8, Sayfa: 661.
- Öz M, Şahin D, Aral O, **Dal İ**, Mavi FM, Bahtiyar M, 2013.Canlı Balık Taşımacılığında Klinoptilolitin Etkisi. 17.Ulusal Su Ürünleri Sempozyumu, 3-6 Eylül 2013, İstanbul.
- Kanyılmaz M, Tekelioğlu N, Sevgili H, **Dal,İ.**, 2014, Yeme Katılan Farklı Düzeylerdeki Zeolitin (Klinoptilolit) Çipuraların Kan Biyokimyası ve Hematolojisi Üzerine Etkileri. Doğu Anadolu Bölgesi V. Su Ürünleri Sempozyumu, 31 Mayıs-2 Haziran 2014, Elazığ.



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

Participated Trainings/Symposiums/Congresses/Workshops and Organizations

- Ecosystem Approach to Fisheries Workshop (08-12 September 2014)
- 1st National Aquarium Fisheries and Its Problems Workshop (30-31 October 2014).
- Amateur Fishing Workshop (20-21 November 2014)
- Fisheries Genomics Workshop (11-13 November 2015)
- FABA 2016 (November 3-5, 2016)

Trainings/Seminars Given

- Aquarium Fish Breeding and Nutrition Seminar (2007)
- Trainers' Training Program (2009)
- Freshwater, marine fish and aquarium fish breeding program (2010)
- Development of Sustainable Aquaculture: III. Country Training Program (2012)
- Applied Bottom Trawling (2017-Coast Guard Training Command)

National and International Training/Courses Received

- Stock Evaluation Practices in Fishing Activities "Ecological Modeling, Data Recovery Verification Methods Training".
- Stock Evaluation Practices in Fishing Activities 'Protocol and Methodology Workshop'
- Increasing the Empowerment of Youth by Improving the Digital e-Learning in Gastro-Fish (2019-3-TR01-KA205-080005) (Gastrofish C1 Ltt (Short-Term Joint Staff Training Event) In Greece, 10-12 November 2020)
- Increasing the Empowerment of Youth by Improving the Digital e-Learning in Gastro-Fish (2019-3-TR01-KA205-080005) (2nd Short Term Joint Staff Training in Italy, 15-21May,2021)

Other Research Activities

- Experimental Trawl Survey at Sea in Lebanese Waters (October 2021, Lebanon / Scientific Expert)
- A Second Exploratory Trawl Survey at Sea in Lebanese Waters (October 2022, Lebanon / Scientific Expert)
- Implementation of bottom trawls scientific surveys at sea along Turkish coast (August,2023)
- Implementation of exploratory trawl surveys at sea in Lebanese waters (October,2023)