


PERSONAL INFORMATION

Name/Family Name:	Dr. Ercan KÜÇÜK	
Title:	Fisheries Technological Engineer	
Department:	Director	
E-mail:	ercan.kucuk@tarimorman.gov.tr kucukercan@gmail.com	
Phone:	0462 341 10 53	
Birth Date/Place:	30.08.1972 - Trabzon	

EDUCATIONAL INFORMATION

PhD	
University Academic Unit Graduation Year	Karadeniz Technical University Faculty of Marine Science / Dep.of Fisheries Technological Engineering 2011
MSc	
University Academic Unit Graduation Year	Karadeniz Technical University Faculty of Marine Science / Dep.of Fisheries Technological Engineering 1997
Bachelor's Degree	
University Academic Unit Graduation Year	Karadeniz Technical University Faculty of Marine Science / Dep.of Fisheries Technological Engineering 1994

FOREIGN LANGUAGE

English	86,25 - YOKDİL
---------	----------------

TASKS

Institution	Title	Year
Central Fisheries Research Institute, Trabzon	Director	2018-Ongoing
Central Fisheries Research Institute, Trabzon	Technical Coordinator	2014- 2018
Central Fisheries Research Institute, Trabzon	Head of Aquac. Dep.	2012-2014
Central Fisheries Research Institute, Trabzon	Researcher	2002-2012
Ministry of National Education, Rize	Teacher	1999-2002
Central Fisheries Research Institute, Trabzon	Captain Assistant	1997-1998
Karadeniz Technical University, Institute of Science, Trabzon	Research Assistant	1995-1997

PUBLICATIONS**International Publications****SCI, SCI-expanded, SCI and AHCI Papers:**

- Ak, O., Ceylan, B., Aydın, İ., Polat, H., **Küçük**, E., Eroğlu, O., Kapiris, K., 2016. Stock Enhancement by Hatchery-Released Turbot, *Psetta maxima*, in the Southeastern Black Sea: Capture, Migration, Growth and Diet Analyses. *Scientia Marina*, 80(2): 163-174.
- Ak, O., Polat, H., **Küçük**, E., Selen, H., 2016. First Confirmed Record of Green Sea Turtle, (*Chelonia mydas* Linnaeus, 1758) (Cheloniidae), From the Eastern Black Sea Waters of Turkey. *Turkish Journal of Zoology*, DOI: 10.3906/zoo-1503-7
- Aydın, İ., Akbulut, B., **Küçük**, E., Kumlu, M., 2015. Effects of Temperature, Fish Size and Dosage of Clove Oil on Anaesthesia in Turbot (*Psetta maxima* Linnaeus, 1758). *Turkish Journal of Fisheries and Aquatic Sciences*, 15(4): 899-904. DOI: 10.4194/1303-2712-v15_4_13
- Aydın, İ., **Küçük**, E., Şahin, T., Kumlu, M., 2015. Effect of Temperature on Reversed Asymmetry in Hatchery-Reared Flounder (*Platichthys flesus luscus* Pallas, 1811). *Turkish Journal of Fisheries and Aquatic*

Sicences, 15(3): 737-740. DOI: 10.4194/1303-2712-v15_3_17

Küçük, E., Aydın, İ., Polat, H., Eroldoğan, O.T., Şahin, T., 2014. Effect of Feeding Frequency on Growth, Feed Efficiency and Nutrient Utilization of Juvenile Flounder (*Platichthys flesus luscus*). Aquaculture International, 22(2): 723–732. DOI: 10.1007/s10499-013-9701-2

Aydın, İ., Ak, O., **Küçük**, E., Polat, H., Ceylan, B., 2012. Optimum Temperature and Growth Performance of Hatchery Reared Black Sea Flounder (*Platichthys flesus luscus* Pallas, 1814) Turkish Journal of Veterinary and Animal Sciences, 2012; 36(2): 101-106.

International Symposiums, Meetings and Conferences:

Polat, H., Beken, A.T., Aydın, İ., **Küçük**, E., 2014. Spermatological Characteristics of Hatchery-Reared Black Sea Turbot (*Psetta maxima*) in Spawning Season. International Symposium on Fisheries and Aquatic Sciences, 25-27 September 2014, Trabzon, Turkey, Symposium Abstract Book, pp. 283. (Poster)

Kamermans, P., **Küçük**, E., Wang, M., Polat, H., Akbaş, U., Aydın, İ., 2014. Effect of Fish Cage Presence on Spat Settlement, Growth and Survival of Mussels (*Mytilus galloprovincialis*) in The South-Eastern Black Sea. International Symposium on Fisheries and Aquatic Sciences, 25-27 September 2014, Trabzon, Turkey, Symposium Abstract Book, pp. 78.

Küçük, E., Perker, N., Güven, A., 2014. Effect of Different Live Food Enrichments on Survival Rate of Black Sea Turbot (*Psetta maxima*) Larvae. International Symposium on Fisheries and Aquatic Sciences, 25-27 September 2014, Trabzon, Turkey, Symposium Abstract Book, pp. 273. (Poster)

Özcelep, T., Akbulut, B., Aydın, İ., **Küçük**, E., Selen, H., Ergün, H., 2014. Determination of Potential Cage Farming Area in the Coastal Area of Black Sea in Artvin Provincial of Turkey. International Symposium Fisheries and Aquatic Science, 25-27 September 2014, Trabzon, Turkey, Symposium Abstract Book, pp. 264. (Poster)

Akbulut, B., Aydın, İ., **Küçük**, E., 2013. State and Rearing Model of Rainbow Trout Culture in Sea Cages in the Turkish Coastal Water of Black Sea. VIII. International Conference on Current Fisheries and Environmental Problems of the Azov and Black Sea Region, 26-27 June 2013, Kerch, Ukraine.

Aydın, İ., **Küçük**, E., Polat, H., Altınok, İ., 2011. Growth of Diploid (2n) and Triploid (3n) Juvenile Black Sea turbot (*Psetta maxima*) Under Different Temperature Regimes. V. International Conference and Technical and Technological Exhibition 'Aquaculture and Fisheries', 1-3 June 2011, Faculty of Agriculture, Belgrade, Serbia.

Aksungur, N., Ceylan, B., Özdemir, G., Polat, H., Haşimoğlu, A., **Küçük**, E., Aydın, İ., 2007. Effects of Dietary Protein and Lipid Levels on Growth of Black Sea Turbot *Psetta maxima*. European Aquaculture Conference 07, 24-27 October 2007, İstanbul, pp. 29–30. (Poster)

Aydın, İ., **Küçük**, E., Kolotoğlu, L., Iwamoto, H., 2007. The Effect of Feeding Frequency on Growth Performance of Black Sea Turbot *Psetta maxima*. European Aquaculture Conference 07, 24-27 October 2007, İstanbul, pp. 54–55. (Poster)

Okumuş, İ., **Küçük**, E., Başçınar, N., Şahin, T., Akbulut, B., 1997. Growth Performance of Seabass (*Dicentrarchus labrax*) Fingerlings in the Southeastern Black Sea. In Hossu, B. (Ed.) Mediterranean Fisheries Congress, 9-11 April 1997, Izmir, pp. 277-282.

National Publications

National Papers:

Aydın, İ., Polat, H., **Küçük**, E., 2015. The Effect of Different Photoperiod Practice on Embryogenesis in Eggs of Black Sea Plaice (*Platichthys flesus luscus* Pallas, 1814). Yunus Research Bulletin, 2015 (2): 3-7. (In Turkish)

Aydın, İ., Polat, H., Şahin, T., Kolotoğlu, L., **Küçük**, E., 2011. Effect of Iodine Treatment on the Hatching Rate of Black Sea Turbot, (*Psetta maxima* Linnaeus, 1758), Eggs. Journal of FisheriesSciences.com, 5(1): 73-78, DOI: 10.3153/jfsc.com.2011009

Aydın, İ., **Küçük**, E., Şahin, T., Kolotoğlu, L., 2011. The Effect of Feeding Frequency and Feeding Rate on Growth Performance of Juvenile Black Sea Turbot (*Psetta maxima*, Linnaeus, 1758). Journal of FisheriesSciences.com, 5(1): 35-42, DOI: 10.3153/jfsc.com.2011004

Aydın, İ., Şahin, T., **Küçük**, E., Polat, H., 2011. A Study on the Spermatological Characteristics of Hatchery-Reared Flounder (*Platichthys flesus luscus* Pallas, 1814). Journal of FisheriesSciences.com, 5(4): 270-278, DOI: 10.3153/jfsc.com.2011031 (In Turkish)

Aydın, İ., Polat, H., Ak, O., **Küçük**, E., 2010. Survival and Growth Characteristics of Black Sea flounder (*Platichthys flesus luscus* L. 1758) During the Culture Condition Adaptation Period. Süleyman Demirel University, Journal of Fisheries Faculty, Eğirdir, 6 (1): 29-36. (In Turkish)

Aydın, İ., **Küçük**, E., Polat, H., Iwamoto, H., 2008. Cartilage and Bone Staining Procedure of Turbot, *Psetta maxima*. Journal of FisheriesSciences.com, 2(3): 440–446. (In Turkish)

Küçük, E., 2008. Stress in Fish Farming. Yunus Research Bulletin, 8(2): 11-13. (In Turkish)

Aydın, İ., Eroğlu, O., **Küçük**, E., 2008. Demersal Fish of Black Sea. Yunus Research Bulletin, 8(2):4-8. (In Turkish)

Aydın, İ., **Küçük**, E., 2005. Cartilage and Bone Staining Procedure of Turbot. Yunus Research Bulletin, (5)3: 1-2.

(In Turkish)

Üstündağ, C., **Küçük**, E., 2003. Seed Production in Turbot. Yunus Research Bulletin, (3)3: 6-8. (In Turkish)

National Symposiums, Meetings and Conferences:

Polat, H., Aydın, İ., **Küçük**, E., 2015. Effect of Wet and Dry Fertilization Methods on Fertilization and Hatching Rate in Black Sea turbot (*Psetta maxima*) Eggs. Symposium on Ecology 2015, 06-09 May 2015, Sinop, Symposium Abstract Book, pp: 478. (Poster)

Küçük, E., Özdemir, G., Perker, N., Güven, A., Kutlu, İ., Türe, M., 2014. Effect on Survival Rate of Black Sea Turbot (*Psetta maxima*) of Using Probiotics and Vitamin. V. Eastern Anatolia Aquaculture Symposium, 31 May-02 June 2014, Elazığ, Symposium Abstract Book, pp. 204-205. (In Turkish)

Polat, H., Aydın, İ., **Küçük**, E., Özel, O.T., Alp, E., 2014. Properties of Sperma Obtained from Turbot (*Psetta maxima*) by Photoperiod Method in Early Stage. V. Eastern Anatolia Aquaculture Symposium, 31 May-02 June 2014, Elazığ, Symposium Abstract Book, pp. 208-209. (In Turkish)

Küçük, E., 2012. Cage Fishing in the Black Sea. Yakakent Marine Fisheries Symposium, 09 November 2012, Yakakent, Samsun. (In Turkish)

Küçük, E., 2012. Effect on Growth Performance of the Use of Partially Plant Protein Sources Instead of Fish Meal in Diets of Black Sea Turbot (*Psetta maxima* L., 1758). II. Workshop of Fish Feeding and Feed Technology, 11-12 October 2012, Armutlu, Yalova. (In Turkish)

Aydın, İ., **Küçük**, E., Polat, H., Çavdar, Y., 2012. Effects of Triploidy on Growth and Feed Utilisation of Fish, II. Workshop on Fish Feeding and Feed Technology, 11-12 October 2012, Armutlu, Yalova. (In Turkish)

Küçük, E., Çakmak, E., Aksungur, N., Çavdar, Y., 2012. Cage Fishing in the Eastern Black Sea. Workshop on Sustainable Fisheries in the Black Sea, 06-08 November 2012, Sinop. (In Turkish)

Aydın, İ., **Küçük**, E., Ak, O., Polat, H., 2011. Effect of Feeding Frequency on Growth, Feed Conversion and Body Composition of Juvenile Black Sea Flounder (*Platichthys flesus luscus* Pallas, 1814). I. Workshop on Fish Feeding and Feed Technology, 30 June - 1 July 2011, Eğirdir, Isparta. (In Turkish)

Aydın, İ., **Küçük**, E., Polat, H., 2011. Effect of Triploidy on Sexual Rate in Black Sea Turbot (*Psetta maxima* Linnaeus, 1758), XVI. National Aquaculture Symposium, 25–27 October 2011, Antalya. (In Turkish)

Aydın, İ., Polat, H., **Küçük**, E., 2011. Effect of Lighting Period on Egg Incubation in Black Sea Flounder (*Platichthys flesus luscus* Pallas, 1814). Symposium on Fisheries and Aquatic Sciences, 7-9 September 2011, Samsun. (In Turkish)

Aydın, İ., Polat, H., **Küçük**, E., Gül, Ö., 2010. Growth and Gonadal Development of Diploid (2n) and Triploid (3n) Black Sea Turbot (*Psetta maxima*). I. National Molecular Biology and Biotechnology Congress, 26-29 October 2010, Antalya, Abstract Book, pp. 24. (In Turkish)

Aydın, İ., **Küçük**, E., Polat, H., Iwamoto, H., 2007. Bone Staining Procedure of Turbot, *Psetta maxima*, XIV. National Aquaculture Symposium, 4-7 September 2007, Muğla. (In Turkish).

Küçük, E., 2007. Seed Production Procedure in Turbot. Workshop on Turbot, 14-15 November 2007, Maçka, Trabzon. (In Turkish)

Aydın, İ., **Küçük**, E., Polat, H., Ceylan, B., 2006. The Marking Using the ALC and OTC of Turbot Juveniles *Psetta maxima* otoliths. I. Symposium on Fish Stocking and Reservoir Management, 7-9 February 2006, Antalya, Symposium Book, pp. 395-401 (In Turkish)

Küçük, E., 2003. Seed Production Procedure in Turbot (*Psetta maxima*). Workshop on New Species and Farming Method in Marine Fish Aquaculture, 14-16 October 2003, Bodrum, Muğla. (In Turkish)

Other Publications

Aydın, İ., Ak, O., Polat, H., **Küçük**, E., Eroğlu, O., Ceylan, B., Özdemir, G., Kutlu, S., Haşimoğlu, A., Firdin, Ş., Zengin, B., Çiftçi, Y., Türe, M., 2013. Research on Aquaculture Possibilities of Flounder (*Platichthys flesus luscus* Pallas, 1811). CFRI Project Report, Trabzon, p. 152. (In Turkish)

Aydın, İ., **Küçük**, E., Polat, H. ve Işıdan, H., 2012. Comparing Aquaculture Performance of Diploid (2n) and Triploid (3n) Black Sea Turbot: Growing, Reproduction, Abnormalities, Flesh Quality and Disease Susceptibility. 108R014, TUBITAK-1001 Project Report, Trabzon, p. 117. (In Turkish)

Küçük, E., 2011. Effect on Growth Performance and Flesh Quality of the Use of Corn Gluten and Soybean Meal Instead of Fish Meal in Diets of Black Sea Turbot (*Psetta maxima* Linnaeus, 1758). PhD Thesis, Karadeniz Technical University, Institute of Science, Trabzon, p. 106. (In Turkish)

Okumuş, İ., **Küçük**, E., Kurtoğlu, İ.Z., Başçınar, N., 1999. Growth and Survival Characteristics of Sea Bass (*Dicentrarchus labrax*) in the Eastern Black Sea. Project Code No: 96.101.010.10, KTU Research Fund, Project Result Report, Trabzon.

Okumuş, İ., Kurtoğlu, İ.Z., **Küçük**, E., Başçınar, N., Alkan, M.Z., 1999. Growth Characteristics in Fresh and Sea Water of Brook Trout (*Salvelinus fontinalis*) in Eastern Black Sea Conditions. Project Code No:

96.101.010.9/613, KTU Research Fund, Project Result Report, Trabzon.

Küçük, E., 1997. Investigation of Growth Performance of Sea Bass (*Dicentrarchus labrax*) in the Eastern Black Sea. MSc Thesis, Karadeniz Technical University, Institute of Science, Trabzon, p. 48. (In Turkish)

PROJECTS

Resulted Projects:

Growth and Survival Characteristics of Sea Bass (*Dicentrarchus labrax*) in the Eastern Black Sea. KTU Research Fund, Project Code No: 96.101.010.10 (1996-1997) **Researcher**

Growth Characteristics in Fresh and Sea Water of Brook Trout (*Salvelinus fontinalis*) in Eastern Black Sea Conditions. KTU Research Fund, Project Code No: 96.101.010.9/613 (1996-1997) **Researcher**

The Fish Culture Development Project in the Black Sea. Japan International Corporation Agency-JICA and Central Fisheries Research Institute-CFRI (2002–2005) **Counterpart**

The Technical Development of Sustainable Seed Production for Black Sea Turbot. Japan International Corporation Agency-JICA and Central Fisheries Research Institute-CFRI (2005–2007) **Counterpart**

Development of Turbot (*Psetta maxima*) Aquaculture Techniques. General Directorate of Agricultural Research and Policies (2007-2011) **Researcher**

Research on Aquaculture Possibilities of Flounder (*Platichthys flesus luscus* Pallas, 1811). General Directorate of Agricultural Research and Policies (2007-2011) **Researcher**

Comparing Aquaculture Performance of Diploid (2n) and Triploid (3n) Black Sea Turbot: Growing, Reproduction, Abnormalities, Flesh quality and Disease susceptibility. The Scientific and Technological Research Council of Turkey-TUBITAK, 1001 (2009-2012) **Researcher**

Development of Black Sea Turbot (*Psetta maxima*) Aquaculture Techniques. General Directorate of Agricultural Research and Policies (2011-2015) **Project Leader**

Mussel (*Mytilus galloprovincialis*) Farming in the Eastern Black Sea. Central Fisheries Research Institute-CFRI and Institute for Marine Resources and Ecosystem Studies-IMARES (2013-2014) **Project Leader**

Preliminary Study for the Establishment of Gene Bank: Preservation of Fish Sperm. General Directorate of Agricultural Research and Policies (2013-2015) **Researcher**

An Investigation on Opportunities of Early Spawning of Black Sea Turbot (*Psetta maxima*) by Photoperiod Method. General Directorate of Agricultural Research and Policies (2014-2016) **Researcher**

Current Projects:

National Aquaculture Gene Bank and Center of Biotechnology. Ministry of Development (2015-2018) **Researcher**

Determination of the Bioecology and Aquaculture Characteristics of the Mullet Species (*Mugil cephalus* and *Liza aurata*) in the Eastern Black Sea. General Directorate of Agricultural Research and Policies (2015-2018) **Researcher**

OTHER

Editorial

Turkish Journal of Fisheries and Aquatic Sciences – Managing Editor (2013-2014)

Yunus Research Bulletin – Editor (2013-2017)