

PERSONAL INFORMATION

Name/Family Name:	Bilal AKBULUT	
Title:	Associate Professor PhD.	
Department:	Aquaculture	
E-mail:	akbulutbilal@tarimorman.gov.tr	
Phone:	+904623411053	
Birth Date/Place:	1966- Erciř	

EDUCATIONAL INFORMATION

Bachelor's Degree	
University	Karadeniz Technical University
Academic Unit	Fisheries Technology Engineering,
Graduation Year	1990
MSc	
University	Karadeniz Technical University
Academic Unit	Fisheries Technology Engineering,
Graduation Year	1993
PhD	
University	Karadeniz Technical University
Academic Unit	Fisheries Technology Engineering,
Graduation Year	1998
Associate Professor	
YÖK Inter-University Council / 2018	

FOREIGN LANGUAGE

English	76 - Foreign Language Exam (KPDS)
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TASKS

Institution	Title	Year
Central Fisheries Research Institute, Trabzon	Head of Department	2012- Current
Central Fisheries Research Institute, Trabzon	Researcher	1994-2012
Provincial Food, Agriculture and Livestock-Trabzon	Engineer	1990-1994
Provincial Food, Agriculture and Livestock-Trabzon	Agriculture Technician	1987-1990

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

Ture, M., Ozcelep, T., Akbulut, B., & Kutlu, I. (2018). Disease of Russian sturgeon (*Acipenser gueldenstaedtii*) caused by *Aeromonas* sp.. *Genetics of Aquatic Organisms*, 2, 43-47. http://doi.org/10.4194/2459-1831-v2_2_03

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: 899-904. DOI: 10.4194/1303-2712-v15_4_13

Akbulut, B., Feledi, T., Lengyel, S., Ronyai, A., 2013. Effect of Feeding Rate on Growth Performance, Food Utilization and Meat Yield of Sterlet (*Acipenser ruthenus* Linne, 1758). *Journal of FisheriesSciences.com*, 7(3): 216-224.

Akbulut, B., Aydın, İ., Çavdar, Y., 2012. Influence of Temperature on Clove Oil Anaesthesia in Flounder (*Platichthys flesus* Linnaeus, 1758), *Journal of Applied Ichthyology*, 28: 254–257, 2012, DOI: 10.1111/j.1439-0426.2012.01936.x.

- Akbulut, B.**, Çakmak, E., Özel, 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 (3): 669-675, DOI: 10.4194/1303-2712-v12_3_15.
- Akbulut, B.**, Çavdar, Y., Çakmak, E., Aksungur, N., 2011. Effect of Exposure Duration on Time to Recovery from Anaesthesia of Clove Oil in Juvenile of Russian Sturgeon. Turkish Journal of Fisheries and Aquatic Sciences. 11 (3) 463-467.
- Akbulut, B.**, Çavdar, Y., Çakmak, E., Aksungur, N., 2011. Use of clove oil to anaesthetize larvae of Russian sturgeon (*Acipenser gueldenstaedtii*). J. Appl. Ichthyol. 27, 618-621. doi: 10.1111/j.1439-0426.2010.01653.x
- Akbulut, B.**, Zengin, M., Ciftçi, Y., Ustaoglu Tiril, S., Memis, D., Alkan, A., Çakmak, E., Kurtoğlu, İ.Z., Aydın, İ., Üstündağ, E., Eroğlu, O., Serdar, S., 2011: Stimulating Sturgeon Conservation and Rehabilitation Measures in Turkey: an Overview on Major Projects (2006-2009). J. Appl. Ichthyol. 27, 415-419.
- Ustaoglu Tiril, S., Zengin, M., **Akbulut, B.**, Memis, D., Alagil, F., Dağtekin, M., 2011. A Participatory Approach to Tagging and Monitoring as an Initial Step in Developing a Sturgeon Conservation Strategy along the Turkish Black Sea Coast. J. Appl. Ichthyol. 27, 411-414. 10.1111/j.1439-0426.2010.01646.x
- Sahin, T., **Akbulut, B.**, Çakmak, E. and Çavdar, Y., 2010. Reproductive Characteristics of Brown Trout (*Salmo trutta fario* L.) Reared in North-Eastern Turkey. The Israeli Journal of Aquaculture - Bamidgeh 62(3), 195-201.
- Sahin, T., **Akbulut, B.**, Çakmak, E. and Çavdar, Y., 2007. Reproductive Performance of Wild and Hatchery-reared Black Sea Salmon. The Israeli Journal of Aquaculture - Bamidgeh 59(4), 212-216.
- Aksungur, N., Aksungur, M., **Akbulut, B.**, Kutlu, İ., 2007. Effects of Stocking Density on Growth Performance, Survival and Food Conversion Ratio of Turbot (*Psetta maxima*) in the Net Cages on the Southeastern Coast of the Black Sea, Turkish Journal of Fisheries and Aquatic Sciences 147-152.
- Akbulut, B.**, Şahin, T., Aksungur, N., Aksungur, M., 2002. Effect of Initial Size on Growth Rate of Rainbow Trout, *Oncorhynchus mykiss*, Reared in Cages on the Turkish Black Sea Coast. Turkish Journal of Fisheries and Aquatic Sciences, 2: 133-136.
- Şahin, T., **Akbulut, B.**, Aksungur, M., 2000. Compensatory Growth in Seabass (*D. Labrax*), Seabream (*S. aurata*) and rainbow trout (*O. mykiss*), Turkish Journal of Zoology, 24:81-86.
- Şahin, T., **Akbulut, B.**, Aksungur, M., 1999. Investigation on Weight Loss Occurring in Winter Season and Growth of Gilthead Seabream (*S. aurata*) Reared in the Black Sea, Turkish Journal of Marine

Sciences, 5(2):79-86.

Akbulut, B., Şahin, T., 1999. Effect of Weight Loss Occurring in Winter Season on Growth of Seabass (*Dicentrarchus labrax*) Reared in the Black Sea, Turkish Journal of Marine Sciences, 5:39-46.

Şahin, T., **Akbulut, B.**, 1997. Some Population Aspects of Whiting (*M. merlangus euxinus* Nordmann, 1840) in the Eastern Black Sea coast of Turkey, Turkish Journal of Zoology, 21:187-193.

Şahin, T., **Akbulut, B.**, 1997. Some Biological Characteristics of *Mullus barbatus ponticus* Essipov, 1927 in the Eastern Black Sea coast of Turkey, Turkish Journal of Zoology, 21:179-185.

Sahin, T., **Akbulut, B.**, 1997. Some biological characteristics of *Mullus barbatus ponticus* Essipov, 1927 in the eastern Black Sea coast of Turkey. Oceanographic Literature Review, 12 (44), 1551

International Symposiums, Meetings and Conferences:

Taçbaş E. Baydan E., Aydın F.G., Gökbulut C., Arslanbaş E., Türe, M. Akbulut B., Özcelep T., 2019. Determination of florfenicol pharmacokinetics in *Acipenser gueldenstaedtii* grown in the Black Sea Water ICAS 2019: International Conference on Aquaculture and Fisheries Bangkok, Thailand. December 17 - 18, 2019.

Akbulut B., 2018. Rainbow Trout Production in Turkey, on the Meeting of İnan Experts Study Visit on Selective Breeding Practical Approach, 24-28 December 2018, Trabzon, Turkey.

Akhan, S., **Akbulut B.**, 2018. Commercial Cage Farming of Trout on the Turkish Black Sea Coast. II. International Fisheries Symposium -IFSC, Girne, Cyprus 4-8 November 2018. (Oral presentation)

Akbulut, B., 2017. Aquaculture Sector in Turkey. Workshop on Aquaculture in the Black Sea: Potential and Opportunities, 24-26 October 2017 Trabzon, Turkey.

Akbulut, B. Beken, A.T., 2017. Anesthetic and Usage in Aquaculture. Workshop on Aquaculture in the Black Sea: Potential and Opportunities 24-26 October 2017 in Trabzon, Turkey

Akbulut, B., Fidan, D., 2015. Assessment Environmental Effect of Sea Cage Fish Farms in the Black Sea. Regional Workshop on Black Sea Marine Ecosystems and Fisheries, 18-20 November 2015, Trabzon, Turkey

Kamermans, P., Küçük, K., Wang, M., Polat, P., Aydın, İ., **Akbulut, B.**, 2015. Determine The Effect of Fish Cage Presence on Spat Settlement and Growth of Mussels (*Mytilus galloprovincialis*) in The South-Eastern Black Seacoast. 23-25 November 2015. Expert Meeting on Sustainable Shellfish. Cattolica-Italy

Beken, A.T., **Akbulut, B.**, Aydın, İ., 2015. Compare with Gradual Freezer and Manual Freezing Method For Cryopreservation of Russian Sturgeon (*Asipencer gueldenstaedtii*) Sperm, 1 st International Conference on Sea and Coastal Development in the Frame of Sustainability (MACODESU 2015), (Poster Presentation).

- Özcelep, T., **Akbulut, B.**, Aydın, Ğ., 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. FABA 2014: International Symposium Fisheries and Aquatic Science, 25-27 September 2014, Trabzon, Turkey, Symposium Abstract Book, 264. (Poster Presentation).
- 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 Seas Region. 26-27 June 2013, Kerch/Ukrain.
- Akbulut, B.**, M. Zengin, Dağtekin, M., Özkan, B., Eroglu, O., Ciftci, Y., Firidin, Ş., Cakmak, E., Çavdar, Y., Aksungur, N., Aydın, İ., Ustaoglu Tiril, S., Memis, D., Alkan, A., Üstündağ, E. ve Serdar, S., 2009. Present Status of Sturgeon Population and Rearing Possibilities in Turkish Black Sea Coastline and Rivers. The 6th International Symposium on Sturgeon Wuhan, Hubei Province, China.
- Dzharigazov E.S., Chipinov, V.G., **Akbulut, B.**, Aydın, I. 2009. Experimental Studies on the Russian Sturgeon Sperm Cryopreservation in Turkey. International Scientific Conference on Innovation Technologies in Aquaculture, 21-22 September 2009, Rostov on Don, Russia.
- Chipinov, V.G., Dzharigazov, E.S., **Akbulut, B.**, Aydın, I., 2009. Research on Quality Assessment of the Russian Sturgeon Sperm in Case of Activation by Water of Different Temperatures. International Scientific Conference on Innovation Technologies in Aquaculture, 21-22 September 2009, Rostov on Don, Russia
- Akbulut, B.**, Özdemir, A., 2009. Rainbow Trout Culture in Sea Cages in Black Sea International Scientific Conference on Innovation Technologies in Aquaculture, 21-22 September 2009, Rostov on Don, Russia.
- Özdemir, A., **Akbulut, B.**, 2009. Environmental Impacts of Marine Cage Fish Farms on The Marine Ecosystem. International Scientific Conference on Innovation Technologies in Aquaculture, 21-22 September 2009, Rostov on Don, Russia. 157 pp.
- Üstündağ, E., Aksungur, M., **Akbulut, B.**, 2007. A Cageculture Model on Trout Farming in Black Sea: Suggestion and Practicability, Aquaculture and Future Fish Eurasia, 24-27 October 2007, İstanbul
- Özdemir, A., **Akbulut, B.**, 2007. Researches on Present Status of Sturgeon Population and Rearing Possibilities in Turkey. Program of International Scientific-Practical Seminar On Sturgeon Breeding, BIOS, March 12-16, 2007, Astrakhan
- Akbulut, B.**, Okumuş, İ., Başçınar, N., Kurtoğlu, N., Şahin, T., 1998. Egg Production in a Brook Trout (*S. fontinalis*) Broodstock: Fecundity, Egg Size and Correlation of Body weight, First International Symposium on Fisheries and Ecology, 2-4 September 1998, Trabzon, Turkey.

National Publications

National Papers:

- Aydin İ., **Akbulut B.**, Memiş, D., 2012. Semen Collection and Cryopreservation of Russian Sturgeon (*Acipenser gueldenstaedtii*) Reared in Turkey. *Aquaculture Studies*, 12 (3): 1-7.
- Aydin İ., **Akbulut, B.**, Chipinov, V., Dzhariqazov E., 2012. Temperature response to sperm motility of Russian sturgeon semen during the post-activation period. *Aquaculture Studies* 2012 (2):1-6.
- Akbulut, B.**, Janka, B., Yeşilsu, A.F., 2012. Importance of Fatty Acids in Nutrition of Sturgeon Fish, *Aquaculture Studies*, 2012(2): 17-23.
- Akbulut, B.**, Çakmak, E., Kurtoğlu, İ.Z., Aksungur, N., 2011. Growth Performance of Beluga Feed with Row Anchovy, *Aquaculture Studies* 11 (1): 21-26 (in Turkish).
- Akbulut, B.**, Aksungur, N., Özel, O.T., 2011. Nutritional Need of Sturgeon and Feeding. *Aquaculture Studies*, 11(4):15-21(in Turkish).
- Akbulut, B.**, Çakmak, E., Kurtoğlu, İ.Z., Aksungur, N., 2010. Growth Performance of Juvenile Beluga (*Huso huso*), Captured from Black Sea, Fed with Whiting in Tanks. *Journal of Fisheriesciences.com*. 4(2): 184-189 (2010) Doi: 10.3153/Jfscom.2010019 (in Turkish).
- Akbulut, B.**, Kurtoğlu, İ. Z., Üstündağ, E., Aksungur, M., 2009. Historical Development and Future Projection of Aquaculture in the Black Sea Region, *Journal of Fisheriesciences.com*, 3(2): 76-85 (in Turkish).
- Akbulut, B.**, 2009. Explorations on Temperature, Oxygen, Nutrients and Habitat Demands of Fish Species Found in River Çoruh. *Artvin Çoruh University Faculty of Forestry Journal*. 10(1):29-36 (in Turkish).
- Akbulut, B.**, Ustaoglu Trıl, S., Zengin, M., Aksungur, M., 2007. Historical Development of Sturgeon in Turkey. *Aquaculture Studies*. 7(3):6-9 (in Turkish).
- Aksungur, N., Aksungur, M. **Akbulut, B.**, Üstündağ, C., Çiftçi, Y., 2006. Growth attributes of turbot (*Psetta maxima* Linnaeus, 1758) were reared in the Black Sea condition. *E.Ü. Journal of Fisheries & Aquatic Sciences* 2006. Volume 23, (3-4)321-326 (in Turkish).
- Aksungur, M., Üstündağ, E., **Akbulut, B.**, 2005. Types of Studies on Alternative Development and Fisheries Sector. *TAGEM Research Bulletin*. 4: 10-14 (in Turkish).
- Akbulut, B.**, 2002. Water Temperature Affects Fish Culture and Growth in the Black Sea, *Aquaculture Studies*, 2:4

Akbulut, B., 2002. Sturgeon Culture, Aquaculture Studies, 2:4 (in Turkish).

Akbulut, B. 2002. Rearing of Black Seabass and Seabream in the Black Sea, Aquaculture Studies, 2:1 (in Turkish).

Çelikkale, M. S., **Akbulut, B.**, Şahin, T., 1996. Growth, Food Conversion Ratio and Stocking of rainbow trout (*O. mykiss*) cultured in the Sea Cage, E.Ü. Journal of Fisheries & Aquatic Sciences 13:3-4(297) (in Turkish).

Akbulut, B., Şahin, T., 1996. Some Genetic Applications in Rainbow Trout Culture. E.Ü. Journal of Fisheries & Aquatic Sciences, 13:3-4(479) (in Turkish).

National Symposiums, Meetings and Conferences:

Cimagil, R., Aydın, I., Akbulut, B., Ture, M., Kalyon, E. 2018. Early Adaptation of Rainbow Trout (*Oncorhynchus mykiss*) to Black Sea Water, Preliminary Study on Growth Performance and Feed Consumption V. Fish Feed and Feed Technology Workshop. 06-07 September 2018. Erzurum. (Oral presentation).

Akbulut, B., Erbay, M., Kutlu, İ., 2016. Aquaculture Studies Broadcasting, Workshop on Fisheries Scientific Journalism, October 15, 2016, Trabzon.

Aydın, İ. ve **Akbulut, B.** 2016. Species diversity in inland waters in terms of Sturgeon Importance of Fish Culture. Alternatively Inland Products Breeding Workshop. January 11 to 13, 2016, Antalya.

Akbulut, B., 2014. Daily Growth Rate. Eastern Anatolia Region 5 Fisheries Symposium, May 31- June 2, 2014, Elazığ (in Turkish).

Aydın, İ., **Akbulut, B.**, 2013. Use of Clove Oil in Anaesthesia of Turbot (*Psetta maxima*): Effect of Temperature, Dose and Fish Size, FABA2013 Fisheries and Aquatic Sciences Symposium, May 30- June 1 2013, Erzurum (in Turkish).

Akbulut, B., Kutlu, S., Aksungur, N., Çakmak, E., Yeşilsu, A.F., Alp, E., 2013. Effect of Feeding Frequency on Growth, FCR, Meat Yield and Meat Quality on Stellate Sturgeon. 17. National Fisheries Science Symposium, 3-6 September 2013 in Istanbul. Abstracts Book (in Turkish).

Akpınar, Z., Özdemir, A., Aksungur, N., Dülger, N., Özel, O.T., **Akbulut, B.**, Ergun, H., Çakmak, E., Melek, H. 2013. A Study on Success Incubation and Fry Growth of Siberia Sturgeon (*Acipenser baerii* Brandt, 1869) in RAS "May 30 -01 June 2013, Erzurum, TY: 65, 900 p (in Turkish).

Akbulut, B., Aydın, İ., 2012. Current Situation and Foresight about Future of Sturgeon. Ondokuzmayıs City. Fresh Water Fisheries Symposium. 09 November 2012 Ondokuzmayıs. Samsun (In Turkish)

Akbulut, B., Çakmak, E., Kurtoğlu, İ.Z., Aydın, İ., Ergün, H., Savaş, H. Aksungur, N., Çavdar, Y., 2011.

Effect of Temperature on the Bulding Sturgeon Broad Stock, FABA 2011 Fisheries and Aquatic Sciences Symposium, Samsun, 07-09 September 2011,100 pp (in Turkish).

Zengin, M., **Akbulut, B.**, Dağtekin, M., Gül, G., Can, T., Eryıldırım, H., 2010. A study on Sturgeon (Acipenser sp ve huso) population in Turkish Coastal water of Black Sea. Turkey's Coastal and Marine Areas VIII. National Congress. April 27 to May 1 2010. Trabzon (in Turkish).

Akbulut, B., Çakmak, E., Kurtoğlu, İ.Z., Alkan, A., 2009. A study on oxygen consumption of Brown trout (*Salmo trutta labrax* Pallas, 1811), 15. National Fisheries Symposium, July 01-04- 2009, Rize (in Turkish).

Ustaoğlu, S., **Akbulut, B.**, Üstündağ, E., 2009. A Proposal on Sturgeons Territorial Management Plan, 15. National Fisheries Symposium, July 01-04- 2009, Rize (in Turkish).

Aydın, İ., **Akbulut, B.**, Işdan, H., Çavdar, Y., Kurtoğlu, İ.Z., Çakmak, E., Memiş, D., Polat, H., Aksungur, N., Savaş, H., Ercan, E. 2008. A study on Cryopreservation Russian Sturgeon. Workshop on Sturgeon Conservation and Production, 30-31 October 2008. 91-96 p (in Turkish).

Kurtoğlu, İ.Z., Memiş, D., **Akbulut, B.**, Çakmak, E., Aydın, İ., Savaş, H., Çavdar, Y., Aksungur, N., Ercan, E. 2008. A study on sturgeon reproduction. Workshop on Sturgeon Conservation and Production, 30-31 October 2008: 87-91 (in Turkish).

Memiş, D., Ercan, E., Kurtoğlu, İ.Z., **Akbulut, B.**, Aydın, İ., Çakmak, E., Savaş, H., Çavdar, Y., Aksungur, N., 2008. Gonodal Development and Stripping of Sturgeon. Workshop on Sturgeon Conservation and Production, 30-31 October 2008: 81-85 (in Turkish).

Akbulut, B., 2008. Determination of Sturgeons' Current Population and Research on Aquaculture Possibilities. Workshop on Sturgeon Conservation and Production, 30-31 October 2008: 3-5 (in Turkish).

Ustaoğlu, S., **Akbulut, B.**, Zengin M., Alagil, F., Gül, M., 2007. Tagging Applications as A Conservation Strategy for Sturgeons (Acipenseridae), XIV. National Fisheries Symposium, 4 to 7 September 2007, Muğla (in Turkish).

Şahin, T., **Akbulut, B.**, Aksungur, M., 1998. Analysis of Reproduction of Atlantic Salmon (*Salmo salar*), Eastern Anatolia Region III. Fisheries Symposium, 10-12 June 1998, Erzurum (in Turkish).

Okumuş, İ., Küçük, E., Başçınar, N., Şahin, T., **Akbulut, B.**, 1997. Growth Performance of Seabass (*D. labrax*) in the Eastern Black Sea Conditions. Mediterranean Fisheries Congress, 9-11 April 1997, İzmir (in Turkish).

1. Broadstock Management in Sturgeon Breeding, (**Leader**) TAGEM/HAYSUD/2015/A11/P-01/5 (2015-2018), TAGEM
2. Improvement of Sturgeon Culture and Conservation Strategy (**Leader**) TAGEM /HAYSÜD (2011-2015) (in Turkish), TAGEM
3. Determination of Sturgeons' Current Population and Research on Aquaculture Possibilities, (2006–2010) TAGEM/HAYSÜD/2006/ (**Leader**) (in Turkish), TAGEM
4. Rearing Possibility of Sturgeon in The Black Sea Region, TAGEM/HAYSÜD-2001-07-01-04 (2001-2005) (**Leader**) (in Turkish), TAGEM
5. Determination of Economic Beginning Weight of Rainbow Trout (*Oncorhynchus mykiss* Walbaum 1792) were reared in Sea Cages (**Leader**) (1994-1997) (in Turkish), TAGEM
6. Seabass (*Dicentrarchus labrax*) Rearing in The Black Sea (**Leader**) (1994-1998), TAGEM
7. Development of Aquaculture Techniques in Sturgeon (**Researcher**) (2017-2019), TAGEM
8. Investigation of Rearing Potentials of Siberian Sturgeon (*Acipenser baerii*, Brandt 1869) in Keban Dam Basin (**Researcher**) (2017-2019), TAGEM
9. Determination of Potential Aquaculture Place in the Marine Areas (**Researcher**) (2017-2019), TAGEM
10. Aquaculture Gen Bank and Center of Biotechnology (**Researcher**) (2015-), T.R. Ministry of Development
11. Preliminary Study for Fish Gen Bank: Cryoprsvation (**Researcher**) (2013-2015), TAGEM
12. Use of Technology in Aquaculture (**Researcher**) (2012),ÇEP
13. The Positional Analysis of Fish Farms with GIS, (**Researcher**), 2012-2015, TAGEM
14. Determination of Bio-ecological Characteristics of *Sciaena umbra* and *Umbrina cirrosa* and Research on Aquaculture Possibilities (**Researcher**) (2007-2010), TAGEM
15. Introduction of the Black Sea Trout (*Salmo trutta labrax* Pallas, 1811) to Private Sector (**Researcher**) (2007-2009), TAGEM
16. Turbot (*Psetta maxima*) Rearing Research In Land Based and Sea Cages in The Black Sea (**Researcher**) (2000-2003), TAGEM
17. Gilthead Seabream (*Sparus aurata* L. 1758) Rearing in The Black Sea (**Researcher**) (1994-1998), TAGEM
18. Research on Economic Marine Fish (**Researcher**) (1993-1996) (in Turkish), TAGEM
19. Recovery of sturgeon population in Turkey: habitat assessment and restocking Project Number:

TCP/TUR/3202 (D) Starting Date: November 2008 Completion Date: August 2011 (**Researcher**),
FAO

20. Investigation on Effects of Limited and Cyclical Feeding Strategy Growth of Goldfish (*Carassius auratus* Linnaeus, 1758) (**Researcher**) (2011-2012), TÜBİTAK 1002
21. Determination of Effects of Aquaculture Enterprises on Marine Ecosystem (**Researcher**) (2006-2010), TÜBİTAK 1007
22. I Know and Protect the Sea III (Trainer) (2014), TÜBİTAK 4004
23. The Fish Releasing Project (**Researcher**) (2016-), BSGM
24. TR90 Fisheries and Aquaculture Sector Report Eastern Black Sea Region. 105 pp (in Turkish), TR90/11/DFD/2(**Researcher**) 1 (2012), DOKA
25. Meeting of Small Size Rainbow Trout with Black Sea (**Researcher**) (2017-2020) Private Sector Project
26. Floating Aquaculture Systems (SAPANCA Vessel/Monitoring, Project of Private Sector Assistance) (**Researcher**) (2008-2009), Private Sector Project
27. Incubation of Analysed Siberian Sturgeon (*Acipenser baerii* Brandt,1869) Egg in Closed Circuit System and Researching Seed Production Achievements (**Researcher**) (2011), Private Sector Project

OTHER

Administrative

- 2012- Current: Head of Aquaculture Department in the Central Fisheries Research Institute
- 2016- Current: Head of Laboratory Animals Ethics Committee, CFRI
- 2010-2016: Member of Laboratory Animals Ethics Committee, CFRI
- 2006-Current: Member of Turkish Sturgeon Conservation Society
- 2008-Current: Member of W.S.C.S. - World Sturgeon Conservation Society
- 1997: Training: Boi-production in Semi Closed Sea and Environmental Management -Japan (4 months)
- 2003: Training: Field Work on Sturgeon Propagation and Releasing in Ukarain, 07-14 July 2003
- 2011-2012: Training: Artificial Sturgeon Production in HAKI-Hungary (3 months)

Editorial

Secretariat: FABA 2014: International Symposium on Fisheries and Aquatic Sciences, 25-27 September 2014, Trabzon, Turkey

2012-Current: Section Editor: Turkish Journal of Fisheries and Aquatic Sciences

2010-2018: Managing Editor: Aquaculture Studies

2018-Current: Section Editor: Aquaculture Studies

Scientific Board Memberships

FABA 2014: International Symposium on Fisheries and Aquatic Sciences, 25-27 September 2014, Trabzon, Turkey

International Taşköprü Pompeiopolis Science Culture and Art Research Symposium, 10 - 12 Nisan 2017, Kastamonu.

Sympathoadrenal System and Stress in Fish' was submitted on Ist International Symposium on Limnology and Freshwater Fisheries, 04 -06 October2017, Eğirdir/Isparta.

Education

Sturgeon Culture in the Hüyük (2015 Td-3 Tr52 / 15 / Td / 0044), Hüyük Chamber of Agriculture, Mevlana Development Agency (MEVKA), Trainer, 17-21 August 2015.

Aquaculture System and Predator Damages, on the Fish Disease Practical Training Course of FAO SEC, Trainer, 17-21 February 2014 in Trabzon, Turkey

Third Country Training Programs: Development of Sustainable Aquaculture Production for Central Asian Countries (JICA and TIKa), Instructor, 13-23 October 2011.

Third Country Training Programs: Development of Sustainable Aquaculture Production for Central Asian Countries (JICA and TIKa), Trainer, 01-20 October 2012.

First, rise young people then fish culture, EU-funded Project: Promoting Youth Employment, TR08 H1.01-01 / 477, Trainer, 2011