



TAGEM
R&D AND INNOVATION

WESTERN MEDITERRANEAN AGRICULTURAL
RESEARCH INSTITUTE/ ANTALYA

TUNAY ŞEKER

Technical Services Coordinator

EDUCATION

- Assoc. prof
- PhD
- MSc
- Bachelor's Degree 1987-1991 Fırat University Fisheries Faculty
- LANGUAGE French

CAREER

- 21.12.2020 Technical Services Coordinator, Fisheries Research Institute - ELAZIĞ
- 20.12.1999 Researcher, Fisheries Research Institute - ELAZIĞ
- 30.09.1997 Teacher, National Education Directorate - ELAZIĞ
- 1992-1997 Technical temporary worker, Provincial Directorate of Agriculture - ELAZIĞ

ABOUT ME

I was born in 1968 in Elazig. I graduated from Fırat University, Faculty of Fisheries in 1991. I started my career as a researcher at Elazig Fisheries Research Institute in 1999. I have been working as the Technical Services Coordinator in the Directorate of Fisheries Research Institute of Elazig since 21.12.2020.

I have worked as a researcher in many projects on fisheries management, aquaculture, ecology and resource and socio-economics.

CONTACT

■ Sürsürü District Şehit Polis M.Lami Karaağaç Street No:10 PK:62 23040 Elazığ/TÜRKİYE

■ tunay.seker@tarimorman.gov.tr

■ 0424 241 10 85 – 86



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▪ **PROJECTS**

▪ **Projects Conducted**

1. Determining the Current Status of Hunting Tools and Equipment in Eastern and South Eastern Anatolia (01.01.2021-31.12.2023, TAGEM)
2. Determination of Suitable Areas for Aquaculture on Land in Eastern and Southeastern Anatolia Regions (2002-2003, TÜGEM)
3. Research Project on Increasing Production and Consumption of Fisheries in the GAP Region (01.01.2001-31.12.2023, TAGEM-GAP Administration)
4. The Research Project of Terms of Organic Aquaculture in Gap Region (12.12.2002-31.12.2005, TAGEM)
5. Seasonal Distribution and Water Quality of Hazar Lake (01.01.2003-31.12.2007, TAGEM)
6. Research Some Population Parameters of Economic Fish Species in Keban, Karakaya and Atatürk Dam Lakes (01.01.2009-31.12.2013, TAGEM/HAYSÜD/2009/09/01/02)
7. Spatial Analysis of Fish Farms with CBS (01.01.2012-31.12.2016, TAGEM)
8. Investigation of Upper Euphrates Basin Surface Waters in Terms of Quality and Aquaculture (01.01.2012-31.12.2014, TAGEM)
9. Determination Water Quality and Carrying Capacity of Adıyaman Cat Dam Lake Terms of Trout Farming (01.01.2013-31.12.2014, TAGEM)
10. Assessment of Hazar Lake's Plankton with Geographic Information System (01.01.2014-31.12.2015, TAGEM)
11. Effect of Heavy Metal Pollution on Biochemical Parameters and Meat Quality of Some Fish Species in Keban, Karakaya and Atatürk Dam Lakes (01.01.2015-31.12.2018, TAGEM)
12. Determination of Hematological, Physiological, Endocrinological and Antioxidant Effects with Using Egg Shell Dust and Rock Salt in Rainbow Trout (*Oncorhynchus mykiss*, Walbaum 1792) Rations (01.01.2019-31.12.2021, TAGEM)

▪ **Routine Studies**

1. Monitoring Keban Dam Lake Water Quality (01.02.2010-08..02.2011)
2. Monitoring the Water Quality of Güzelyurt Dam Lake (Malatya) (15.03.2011-06.02.2013)
3. Monitoring Karakaya Dam Lake Water Quality (01.01.2008 – 05.07.2010)
4. Seasonal Monitoring of Keban Dam Lake Water Quality (15.03.2011-06.02.2013)
5. Seasonal Monitoring of Water Quality in Karakaya, Cip and Kalecik Dam Lakes (15.03.2011-06.02.2013)
6. Monitoring of Işıktepe Dam Lake Water Quality (15.03.2011-06.02.2013)



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▪ **PROJECTS**

▪ **Routine Studies**

7. Socio-Economic Analysis of Fisheries Breeding Enterprises in Elazig Province (27.06.2011-13.06.2014)
8. Investigation of Seasonal Water Quality of Özlüce Dam Lake (Bingöl) and Evaluation in Terms of Aquaculture (25.03.2013 - 20.04.2015)
9. Determination of the Water Quality of Nazik Lake and Plankton Distribution (01.12.2013 – 13.01.2017)
10. Establishment of the Fisheries Strategy Project in DAP gion Malatya and Tunceli (01.11.2014-31.08.2015, DAP Administration)

▪ **Ongoing Projects**

1. Protozoan Research in Rainbow Trout (*Oncorhynchus mykiss*, Walbaum 1792) Hatchery (01.01.2022-31.12.2023, TAGEM)
2. Determination of Carrying Capacity of the Pembelik Dam Lake (01.01.2022-31.12.2023, Guided, TAGEM)
3. Determination of Carrying Capacity of the Kiğı Dam Lake (01.01.2022-31.12.2023, Guided, TAGEM)
4. Determination of Carrying Capacity of the Sefaköy Dam Lake (01.01.2022-31.12.2023, Guided, TAGEM)
5. Determination of Carrying Capacity of the Karakurt Dam Lake (01.06.2023-31.12.2024, Guided, TAGEM)



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. Alpaslan, K., Sesli, A., Tepe, R., Özbey, N., Birici, N., **Şeker, T.**, Koçer, M.A.T., Vertical and seasonal changes of water quality in Keban Dam Reservoir, Fisheries Sciences.com, 23 Oct 2011-25 May 2012
2. Balcı, M., Birici, N., **Şeker, T.**, Akgün, H., Demir, T., Arısoy, G. 2016. Evaluation of Fisheries Consumption Behaviors of People Living in Malatya City Center, Adıyaman University Journal of Science, Volume:6(2) (2016), p.132-155
3. Balcı, M., Birici, N., **Şeker, T.**, Küçükylmaz, M., San, A.T., Güneş, S., 2018. The present Status of Aquatic Sector in Malatya Province, International Journal of Agricultural and Natural Sciences, 1 (2), 102-107.
4. Birici, N., Saatçi, Y., Güneş, M., Bayraktar, K., **Şeker, T.**, Karakaya, G., 2016. Evaluation of Refahiye Köroğlu Stream (Erzincan) Waters in Terms of Fish Breeding and Water Quality, International Erzincan Symposium Proceedings Book, 28 September – 01 October 2016, Volume:3, p.613-630
5. Birici, N., Karakaya, G., **Şeker, T.**, Küçükylmaz, M., Balcı, M., Özbey, N., Güneş, M. 2017. Evaluation of Coruh River (Bayburt) Water Quality in Accord With Water Pollution Control Regulation, IJPAS, ISSN: 2149-0910, Int. J. Pure Appl. **SCI.** 3(1): 54-64 (2017)
6. Küçükylmaz, M., Örnekci, G.N., Uslu, A.A., Birici, N., **Şeker, T.**, Özbey, N., 2019, Evaluation of the 10th Region of Karakaya Dam Reservoir in terms of Water Quality and Trout Breeding, International Journal of Eastern Mediterranean Agricultural Research, 2 (1), p.20-29.
7. Sönmez, F., Güneş, S., Özbey, N., **Şeker, T.**, Arısoy, G., 2017. The Seasonal Variations of Phytoplankton of Nazik Lake (Bitlis, Türkiye), Journal of Aquaculture Engineering and Fisheries Research, E-ISSN 2149- 0236,3(4):219-235.
8. Çelik, B., Saler, S., Karakaya, G., Yüce, S., Özbey, N. ve Şeker, T, 2022, Evaluation of Hazar Lake (Elazığ) Zooplankton with Geographic Information System, Ecological Life Sciences, 2022, 17(1):24-35 <http://dx.doi.org/10.12739/NWSA.2022.17.1.5A01623>

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

1. Akgün, H., Küçükylmaz M., Örnekci GN., Uslu AA., Özbey N., **Şeker, T.**, Birici N., Yıldız, N., Koçer, M.A.T., 2013. Investigation of the water quality in Işıktepe irrigation dam, The First International Fisheries Symposium in Northern Cyprus, 24-27 March 2013, p. 132, Cyprus
2. Balcı, M., Gündüz F., Birici N., **Şeker T.**, Alpaslan K., 2017. Investigation of Tunceli Province Fisheries Sector in Terms of Hunting and Aquaculture, University of Trakya, XIII. International Participation Ecology and Environment Congress Poster Presentation, 12-15 September 2017, Edirne/Türkiye
3. Balcı, M., Gündüz F., Birici N., **Şeker T.**, Alpaslan K., 2017. Investigation of Trout Establishments in the Elazığ Province in terms of Health Expenditures and Diseases, International Symposium on Limnology and Freshwater Fisheries, Poster Presentation, 04-06 October 2017 Eğirdir/Isparta
4. Balcı, M., Gündüz F., Birici N., **Şeker T.**, Alpaslan K., 2017. Hygiene Investigation of Elazığ Trout Farms, 4th International Water Congress, 26-29 October 2017, Afyonkarahisar/Türkiye



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

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

5. Balcı, M., Birici, N., **Şeker, T.**, Küçükylmaz, M., Sesli, A., Demir, T., 2018. The Current Status of the Fisheries Sector in the Malatya Province, 4. International Agriculture Congress, Poster presentation, 05-08 July 2018, Nevşehir/Türkiye.
6. Birici, N., Karakaya, G., **Şeker, T.**, Küçükylmaz, M., Balcı, M., Özbey, N., Güneş, M. 2017. Evaluation of Coruh River (Bayburt) Water Quality in Accord With Water Pollution Control Regulation, International Ecology Symposium, 11-13 May 2017, Kayseri
7. Birici, N., **Şeker, T.**, Karakaya, G., Çelik, B., Örnekçi, G.N., Uslu, A.A., 2017. Water Quality of Tuzla and Balıklı Streams, International Ecology Symposium, 11-13 May 2017, Kayseri
8. Birici, N., Örnekçi, G. N., Uslu, A. A., **Şeker, T.**, Çelik, B., Karakaya, G., 2017. Investigation of Kelkit Stream (Gümüşhane) Water Quality, 1th International Water Congress , 4th National Water Congress, Abstract Booklet, p.75., 26-29 October 2017, Afyonkarahisar/Türkiye
9. Birici, N., Güneş, M., **Şeker, T.**, Alpaslan, K., Tepe, R., Özbey, N., 2017. Investigation of Water Quality of Akpınar and Mercan Streams (Erzincan), 1th International Water Congress , 4th National Water Congress, Abstract Booklet, p.74., 26-29 October 2017, Afyonkarahisar/Türkiye
10. Birici, N., **Şeker, T.**, Karakaya, G., Alpaslan, K., Tepe, R., 2018. Evaluation of ecological quality status of Mans stream (Erzincan) in terms of fish farming, 2th International Water Congress, 5th National Water Congress, Abstract Booklet, p.180, 28 October – 1 November 2018, Afyonkarahisar/Türkiye
11. Birici, N., Karakaya, G., Şeker, T., Alpaslan, K., Tepe, R., Arısoy, G., 2019. “Water Quality Characteristics of Some Streams (Uluköy, Bayırbağı-Pagnik, Üzümlü, Işıkpınarı) in Erzincan Basin” 2nd International Symposium on Limnology and Freshwater Fisheries , Poster Presentation, Symposium Abstract Book, p.129, 03-05 September 2019 Elazığ/Türkiye
12. Canpolat, İ., Birici, N., Arısoy, G., Gürçay, S., Memişoğlu, E. ve **Şeker, T.**, 2016. The Current Status of Fishing in Elazığ Province, FABA 2016, International Symposium on Fisheries and Aquatic Sciences, ISBN:978-605-9175-59-3, p.378, 3-5 November 2016, Antalya, TÜRKİYE.
13. Çelik, B., Saler, S., Karakaya, G., Yüce, S., Özbey, N., Şeker, T., Evaluation of Hazar Lake (ELAZIĞ) Zooplankton with Geographic Information System, 1th International Water Congress, 4th National Water Congress, Abstract Booklet, 26-29 October 2017, Afyonkarahisar/Türkiye
14. Küçükylmaz M., Uslu, G., Birici, N., Örnekçi, N.G., Yıldız, N., **Şeker, T.**, 2010. Investigation of Karakaya Dam Lake Water Quality, International Sustainable Water and Wastewater Management Symposium, Konya
15. Küçükylmaz, M., Örnekçi, G.N., Uslu, A.A., Özbey, N., **Şeker, T.**, Birici, N., Yıldız, N., 2017. Evaluation of Karakaya Dam Lake 10th Region According to the Regulation on Surface Water Quality Management, XIII. Ecology and Environment Congress with International Participation, Abstract Booklet, p. 542., 12-15 September 2017, Edirne/Türkiye
16. Şahin, A.G., Tepe, R., **Şeker, T.**, Küçükylmaz, M., Örnekçi, G.N., Barım, Öz., Ö., Erişir, M., Şahin, H., Türkoğlu, S., Fırat, Ö., Benzer, F., 2019. “Determination of Heavy Metal Levels in Liver and Muscle Tissues of Carp (*Cyprinus carpio* L., 1758) from Atatürk Dam Lake” 2nd International Conference on Data Science and Applications (ICONDATA’19), Oral Presentation, Abstract Book, p.11, October 3-6, 2019, Balıkesir, TÜRKİYE



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▪ **PUBLICATIONS**

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in National Journals**

1. Alpaslan, K. Karakaya, - Gündüz, F, Şeker T., Aksağan, A., 2017. Change of Tatar Dam lake Water Quality Depend on Depths and Regions, XIII. Congres of Ecology and Environment with International Participation, 12-15 September 2017. Edirne, p. 621.
2. Balcı, M., Birici, N., **Şeker, T.**, Akgün, H., Sesli, A., Arısoy, G. 2016. Fish Consumption Analysis in Tunceli Province, Erzincan University, Journal of Science and Technology, 9 Special Issue I, 1-9.
3. Birici, N., **Şeker, T.**, Balcı, M., Çelik, B., Kılıç, A. 2014. Structural and Economic Analysis of Rainbow Trout (*Oncorhynchus mykiss L.*) Farms in Elazığ Province, Yunus Research Bulletin, (2): 23-48
4. Birici, N., **Şeker, T.**, Balcı, M., Çelik, B., Kılıç, A. , Güneş S. 2014. The Usage of Mechanization in Aquaculture Enterprises in Elazığ Province, Yunus Research Bulletin, (3): 51-58
5. Birici, N., **Şeker T.**, Balcı M., Çelik B., Karakaya G., 2015. Socio-Demographical Characteristics of Operators Cultivating Rainbow Trout (*Oncorhynchus mykiss L.*) in Elazığ Province, Yunus Research Bulletin, 2016(1): 3, 18
6. Küçükylmaz M., Örnekci GN., Uslu AA., Özbey N., Şeker, T., Birici N., Yıldız N., Koçer M.A.T., 2014. Initial Findings on Physicochemical Water Quality of Işıktepe Dam Lake (Maden, Elazığ) Coastal Region, Yunus Research Bulletin, 2014 (2): p.55-63, Trabzon/Türkiye
7. Küçükylmaz, M., Uslu, G., Birici, N., Örnekçi, G.N., Yıldız, N., **Şeker. T.**, 2017, Investigation of Karakaya Dam Lake Water Quality, Yunus Research Bulletin, 2017(2): p.145-155, Trabzon/Türkiye
8. Yüce, S., Aydın, R., Gündüz, F., Demiroğlu, F., **Şeker, T.**, Çoban, M.Z., Şen, D., 2015. Growth Parameters of *Chondrostoma regium* (Heckel, 1843) Living in Keban Dam Lake, Fırat University, Journal of Science, 27(2),29-36
9. Alpaslan K., Sesli A., Tepe R., Özbey N., Birici N., Şeker T., Koçer M.A.T., Vertical and seasonal changes of water quality in Keban Dam Reservoir, Fisheries Sciences.com, 23 Oct 2011-25 May 2012

▪ **National Papers, Seminars, etc.**

1. Akgün, H., Temur, B., Özbay, Ö., Yıldırım, T., Şeker, T., Birici, N., 2015. Fish Vaccination Studies in Our Inland Waters, II. Fisheries and Reservoir Management Symposium, 20-22 May 2015, Eğirdir, Isparta, p.253-254.
2. Alpaslan K., Sesli A., Tepe R., Karakaya G., Birici N., Özbey N., **Şeker T.**, Yıldız N. Koçer. M.A.T., 2011. Change of Water Quality in Keban Dam Lake by Depth and Regions, X. National Ecology and Environment Congress, Abstract Booklet, p.373. 04-07 October 2011, Çanakkale/Türkiye
3. Birici, N., Şeker, T., Balcı, M., Çelik, B., Güneş, S., Kılıç, A. 2014. The Usage of Mechanization in Aquaculture Enterprises in Elazığ Province, 5th Eastern Anatolia Region Fisheries Symposium, Elazığ, p.368-369.
4. Birici N., **Şeker T.**, Balcı M., Çelik B., Karakaya G., 2015. Socio-Demographical Characteristics of Operators Cultivating Rainbow Trout (*Oncorhynchus mykiss L.*) in Elazığ Province, , II. Fishing and Reservoir Management Symposium, Proceedings Book, p.139-140, 20-22 May, Eğirdir.



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▪ **PUBLICATIONS**

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **National Papers, Seminars, etc.**

5. Demir, T., Koçer, M.A.T., Örneki, G.N., Uslu, A.A., Birici, N., Gürçay, S., Şeker, T., Özbey, N., Arısoy, G., Özmen, H., 2015. Empirical Estimation of Carrying Capacity for Trout Breeding in Cages of Çat Dam Lake (Adıyaman) with Phosphorus Budget Model, II. Fishing and Reservoir Management Symposium, p.119-120, 20-22 May 2015, Eğirdir/Isparta.
6. Demir, T., Şeker, T., Özbey, N., Birici, N., Gürçay, S., Uslu, A, A., 2017. Evaluation of Çat Dam Lake (Adıyaman) in terms of Aquaculture, 19th National Fisheries Symposium, 12-15 September 2017, Sinop University Faculty of Fisheries, Sinop.
7. Küçükylmaz M., Örneki, N.G., Uslu, A.A., Özbey, N., Şeker, T., Birici, N., Yıldız, N., Koçer, M.T.A., Kılıç, A., 2013. A Seasonal View on the Water Quality of Kalecik Irrigation Dam Lake, Ecology 2013 Symposium, Tekirdağ/Türkiye
8. Küçükylmaz M., Örneki, N.G., Uslu, A.A., Özbey, N., Şeker, T., Birici, N., Yıldız, N., 2013. A Seasonal View of Karakaya Dam Lake Water Quality, 17th Fisheries Symposium, İstanbul.
9. Küçükylmaz M., Örneki, N.G., Uslu, A.A., Özbey, N., Şeker, T., Birici, N., Yıldız, N., Koçer, M.T.A., Kılıç, A., 2013. Investigation of Water Quality of Cip Irrigation Dam Lake in terms of Trout Breeding, 3rd National Trout Symposium, Kastamonu.
10. Küçükylmaz, M., Örneki, G.N., Uslu, A.A., Özbey, N., Şeker, T., Birici, N., Yıldız, N., Koçer, M.A.T., Kılıç, A., 2016. Investigation of Water Quality of Kalecik Irrigation Dam Lake in terms of Trout Breeding, 3rd National Agriculture Congress, Abstract Booklet, p.90, 3-8 October 2016, Afyonkarahisar.
11. Örneki, G.N., Akgün H., Küçükylmaz M., Özbey N., Şeker T., (2014). Determination of Some Physicochemical Properties of Özlüce Dam Lake (Bingöl), VI. National Limnology Symposium, Abstracts, p.83., 25-28 August, Bursa.
12. Örneki, G.N., Akgün H., Küçükylmaz, M., Özbey, N., Şeker, T., 2015. Evaluation of Özlüce Dam Lake (Bingöl) Water Quality in Terms of Some Physical and Chemical Parameters, II. Fisheries and Reservoir Management Symposium, 20-22 May 2015, Eğirdir, Isparta
13. Örneki, G.N., Akgün H., Küçükylmaz M., Özbey N., Şeker T., 2015. Evaluation of Özlüce Dam Lake (Bingöl) in terms of Aquaculture, XII. National Ecology and Environment Congress, p.258, 14-17 September 2015, Muğla.
14. Yüce, S., Aydın, R., Gündüz, F., Demiroğlu, F., Şeker, T., 2011. Growth Parameters of *Chondrostoma regium* (Heckel, 1843) Living in Keban Dam Lake (Elazığ, Türkiye), 16th National Fisheries Symposium, 25-27 October 2011, Antalya, Türkiye.
15. Yüce S, Çoban M.Z, Örneki G. N., Şeker T., Küçükylmaz M., Reproductive Characteristics of *Chondrostoma regium* (Heckel, 1843) Living in Keban Dam Lake, Eastern Anatolia Region 5th Fisheries Symposium, 31 May -02 June 2014, Elazığ p.390-391.
16. Yüce, S., Gündüz, F., Demiroğlu, F., Çoban, M.Z., Küçükylmaz, M., Şeker, T., Birici, N., Şen, D., 2015. Reproduction Biology of *Capoeta umbla* (Heckel, 1843) Living in Karakaya Dam Lake, II. Fisheries and Reservoir Management Symposium, 20-22 May 2015, Eğirdir, Isparta, Türkiye, p.181.



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▪ PUBLICATIONS

▪ NATIONAL ARTICLES AND PAPERS

▪ National Papers, Seminars, etc.

17. Yüce, S., Gündüz, F., Çoban, M.Z., Demirool, F., Küçükylmaz, M., **Şeker, T.**, Aydın, R., Şen, D., 2015. Some Population Parameters of *Cyprinus carpio* Linnaeus, 1758 (Scaly Carp) Living in Atatürk Dam Lake, II. Fisheries and Reservoir Management Symposium, 20-22 May 2015, Eğirdir, Isparta, Türkiye, p.163.

▪ OTHER PUBLICATIONS

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

1. Canpolat İ., S. Yüce, T. Yıldırım ve **T. Şeker**, (2003). Determining the Current Status of Hunting Tools and Equipment in Eastern and South Eastern Anatolia Regions, Project Final Report, Project number: TAGEM/HAYSUD/2001/07/03/01, Elazığ Fisheries Research Institute, Elazığ 2003.
2. Yılmaz, C., Ural, M., Memişoğlu, E., **Şeker T.**, Birici, N., Yüce, S., 2005. Project of Investigation of Organic Fish Farming Opportunities in the GAP Region, Project Final Report, Project number: TAGEM/HAYSUD/2002/07/01/01, Elazığ Fisheries Research Institute, Elazığ 2005.
3. Project of Investigation of Existing Water Resources and Facilities in GAP Region in terms of Organic Fish Farming, Organic Agriculture Research Results, 2005-2010. T.C. Ministry of Agriculture and Rural Affairs, Ankara Türkiye, pp. 295-303. (Archived at <http://orgprints.org/21759>)
4. Koçer, M.A.T., Sesli, A., Karakaya, G., Türkgülü, İ., Alpaslan, K., Küçükylmaz, M., Birici, N., Tepe, R., Yüce, S., **Şeker, T.**, 2009. Hazar Lake Water Quality and Seasonal Change, Project Final Report, Project number: TAGEM/HAYSÜD/ 2002/09/04/01, Elazığ Fisheries Research Institute, Elazığ 2009.
5. Yüce, S., Şen, D., Gündüz, F., Demirool, F., Örnekçi, GN., Çelik, B., Birici, N., **Şeker, T.**, Özbey, N., Küçükylmaz, M., Alpaslan, K., uslu, AA., Tepe, R., Güneş, S., Özbay, Ö., Saler, S., Aydın, R., Sönmez, F., Çoban, MZ., 2014. Research Some Population Parameters of Economic Fish Species in Keban, Karakaya and Atatürk Dam Lakes, Project Final Report, Project number: TAGEM/HAYSÜD/2009/09/01/02, Elazığ Fisheries Research Institute, Elazığ, 2014.
6. Birici N., **Şeker T.**, Karakaya G., Güneş, M., Alpaslan, K., Örnekçi, G.N., Uslu, A.A., Küçükylmaz, M., Tepe, R., Çelik, B., Özbey, N., Balcı, M., Kılıç, A., Bayraktar, K., 2017. Investigation Surface Water of Quality and Aquaculture in Upper Fırat Basin, Project Final Report, Project number: TAGEM/HAYSÜD/12.11.01.01, Elazığ Fisheries Research Institute, Elazığ, 2017
7. Çelik, B., Saler, S., Sönmez, F., Yüce, S., Ünal, E., Ceylan, N., Karakaya, G., Özbey, N., **Şeker, T.**, Örnekçi, G.N., Assessment of Hazar Lake's Plankton with Geographic Information System, Project Final Report, Project number: TAGEM/HAYSUD/ 2014/ A11/ P-02/4, Elazığ Fisheries Research Institute, Elazığ 2017.
8. Demir, T., Özmen,H., Koçer,M.A.T., Örnekçi,G.N., Uslu,A.A., Birici, N., Gürçay,S., **Şeker,T.**, Özbey,N., Arısoy, G., Determination Water Quality and Carrying Capacity of Adıyaman Cat Dam Lake Terms of Trout Farming, Project Final Report, Project number: TAGEM/HAYSÜD/13/A-11/P-01/02, Elazığ Fisheries Research Institute, Elazığ 2017



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▪ OTHER PUBLICATIONS

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

9. Şahin, A.G., Öz Barım, Ö., Tepe, R., Erişir, M., Türkoğlu, S., Benzer, F., Fırat, Ö., Şahin, H., Sünbül, M.R., **Şeker, T.**, Yıldırım, T., Küçükylmaz, M., Örnekci, G.N., 2018., Effect of Heavy Metal Pollution on Biochemical Parameters and Meat Quality of Some Fish Species in Keban, Karakaya and Atatürk Dam Lakes, Project Final Report, Project number: TAGEM/HAYSÜD/13/A-11/P-01/02, Elazığ Fisheries Research Institute, Elazığ, 2017
10. Küçükylmaz, M., Uslu, G., Demirof, F., Koçer, M.A.T., Özbey, N., Türkgülü, İ., Karakaya, G., Birici, N., Örnekçi, G.N., Yıldız, N., **Şeker, T.**, 2010. Monitoring Water Quality of Karakaya Dam Lake, booklet, Elazığ Fisheries Research Station Directorate Publications, Elazığ 2010
11. Balcı, M., Birici, N., **Şeker, T.**, Akgün, H., Sesli, A., Demir, T., 2017. Establishment of the Fisheries Strategy Project in DAP Region Malatya and Tunceli, Project Final Report, Elazığ Fisheries Research Institute Publications _ DAP Administration, Elazığ, 2017.
12. Alpaslan K., Koçer, M.A.T., Karakaya G., Tepe R., Sesli A., Birici N., **Şeker T.**, Özbey N., Yıldız N., 2011. Monitoring Water Quality of Keban Dam Lake Monthly, booklet, Elazığ Fisheries Research Institute Publications, Elazığ 2011
13. Alpaslan K., Koçer M.A.T., Tepe R., Sesli A., Birici N., **Şeker T.**, Özbey N., Yıldız N., 2012., Monitoring Seasonal Water Quality of Keban Dam Lake, booklet, Elazığ Fisheries Research Institute Publications, Elazığ 2012
14. Alpaslan K., Koçer M.A.T., Karakaya G., Birici N., **Şeker T.**, Özbey N., Özgür Alpağan F., Yıldız N., 2012. Monitoring Water Quality of Güzelyurt Dam Lake, Elazığ Fisheries Research Institute Publications, Elazığ 2012
15. Küçükylmaz, M., Özbey, N., Birici, N., Örnekçi, G.N., Yıldız, N., **Şeker, T.**, 2012. Monitoring Seasonal Water Quality of Karakaya Dam Lake, booklet, Elazığ Fisheries Research Station Directorate Publications, Elazığ 2012
16. Küçükylmaz, M., Örnekci, G.N., Uslu, A.A., Özbey, N., **Şeker, T.**, Birici, N., Yıldız, N., 2012. Monitoring Water Quality of Isıktepe Dam Lake, booklet, Elazığ Fisheries Research Station Directorate Publications, Elazığ 2012
17. Küçükylmaz, M., Kılıç, A., Örnekci, G.N., Uslu, A.A., Özbey, N., **Şeker, T.**, Birici, N., Yıldız, N., 2012. Monitoring Seasonal Water Quality of Cip, Kalecik Dam Lake, booklet, Elazığ Fisheries Research Station Directorate Publications, Elazığ 2012
18. Birici, N., Şeker, T., Balcı, M., Çelik, B., Kılıç, A., 2014. Socio-Economic Analysis of Fisheries Breeding Businesses in Elazığ Province, Study Results Report, Publication Number: 12.23ESÜAİ.1a.M.M01.3, Elazığ Fisheries Research Station Directorate, Elazığ 2014
19. Güneş, S., Sönmez, F., Saler, S., Karakaya, G., Alpaslan, K., Küçükylmaz, M., Özbey, N., **Şeker, T.**, Arısoy, G., 2016. Determination Water Quality of Nazik Lake, Study Results Report, Publication Number: 12.23ESÜAİ.1a.M.M40.9., Elazığ 2016



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Technical Services Coordinator



- **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**
 - **Duties Taken in Activities such as Symposium, Congress, Workshop, Course Organization**
1. 5th Eastern Anatolia Fisheries Symposium, Member of the Organizing Committee, 31.05 - 02.06.2014, Elazig.
 2. Elazığ Sustainable Trout Aquaculture Workshop, Member of the Organizing Committee, 12 April 2016, Elazig.
 3. Elazığ, Malatya, Tunceli and Erzincan Provinces Fisheries Cooperative and Fisheries Workshop, Member of the Organizing Committee, 27 September 2016, Elazığ Türkiye.
 4. 1st National Leech Workshop, Member of the Organizing Committee, 27 April 2017, Elazig.
 5. Climate Change and Trout Aquaculture CERES Project Workshop, Member of the Organizing Committee, 04 May 2017, Elazig.
 6. Supported by FAO and Hosted by Our Institute, "Regional Training of Fish Aquaculture in Net Cages in Reservoirs and Lakes", Chairman of the Organizing Committee, 05-08 December 2017, Elazig.
 7. Limnofish 2019, 2nd International Symposium on Limnology and Freshwater Fishery, Co-Chairman, 03- 05 September 2019, Elazig.

I ATTENDED EDUCATION

No	Name of Education	Date	Training Unit
1	Training of Principal Officers	2-6.10.2000	Ministry of Agriculture and Rural Affairs
2	Fisheries Control Services and Circular Applications	2-4/05/2000	Malatya Provincial Directorate of Agriculture - General Directorate of Protection and Control (KKGM)
3	Age Determination Training in Fish	31.01-01.02/2001	Elazig Fisheries Research Institute -General Directorate of Agricultural Research And Policies
4	Agricultural Environment and Water Pollution	8-10/05/2001	Elazig Provincial Directorate of Agriculture – General Directorate of Protection and Control (KKGM)
5	Stock Detection Training in Lakes and Streams	1-3/10/2002	Elazig Provincial Directorate of Agriculture - General Directorate of Agricultural Production
6	Research and Project Management Training	25/09/2003	Elazig Fisheries Research Institute -General Directorate of Agricultural Research And Policies
7	English Language Education	1.11-1.04/2004	ELSAM–KKGM (General Directorate of Protection and Control)
8	Agricultural Environment and Water Pollution	3-5/05/2004	Elazig Provincial Directorate of Agriculture



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- **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**
- **Duties Taken in Activities such as Symposium, Congress, Workshop, Course Organization**

I ATTENDED EDUCATION

No	Name of Education	Date	Training Unit
9	Fisheries Control Services and Circular Applications	20-21/05/2004	Elazig Provincial Directorate of Agriculture - General Directorate of Protection and Control (KKGGM)
10	Organic Agriculture Education	14-18/06/2004	Directorate of Organization and Support / Yalova
11	Analytical Budget In-Service Training	3-4/02/2005	General Directorate of Personnel / Ankara
12	Issues to be Considered in the Preparation, Evaluation and Field Studies of Aquaculture Projects	19-21/04/2005	General Directorate of Agricultural Production / Antalya
13	Organic Agriculture Education	26-30/09/2005	Directorate of Organization and Support / Mersin
14	Organic Agriculture Education	26-30/09/2006	Directorate of Organization and Support / Elazığ
15	Training Seminar on Breeding and Breeding Techniques of Local Species in the Framework of the Target Project	03/07/2007	Elazig Fisheries Research Institute
16	EU Project Preparation and Implementation Training	17-21/08/2009	Provincial Private Administration –Elazığ Governorship
17	In-Service Training Seminar on Problems Encountered in the Control of Trout Farms and Suggestions for Solutions	27-29/11/2012	Elazig Fisheries Research Institute
18	Effect of Pollution Load of Trout Breeding Facilities on Dam Lake in Keban Dam Lake	11/01/2013	Elazig Fisheries Research Institute
19	Presentation Techniques Training	10/02/2014	Elazig Fisheries Research Institute
20	Statistical Data Analysis and Reporting	19-28/01/2015	Elazig Fisheries Research Institute
21	HIEBIS	29-31/01/2015	Department of Education and Extension
22	Publication Preparation Steps for An Indexed Journal	16/04/2015	Elazig Fisheries Research Institute
23	Personal Development Training	14/12/2015	Elazig Fisheries Research Institute
24	E-Document Training	18/05/2016	Elazig Fisheries Research Institute
25	Moderation Training	06/12/2016	Elazig Fisheries Research Institute
26	HIEBIS Training (Antalya)	24-27/10/2016	Department of Education and Extension
27	Web Applications Training	23-27/10/2017	Information Processing Department
28	FAO- Regional Training on Best Practices Forcage Culture in Reservoirs And Lakes	05-08/12/2017	Elazig Fisheries Research Institute
29	Training of Occupational Health and Safety in the Laboratory	08-12/01/2018	Elazig Fisheries Research Institute - Firat Development Agency



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- **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**
- **Duties Taken in Activities such as Symposium, Congress, Workshop, Course Organization**

I ATTENDED EDUCATION

No	Name of Education	Date	Training Unit
30	Training of Farm Systems Adapted to Climate Change	25/07/2018	Firat University - Elazig Fisheries Research Institute
31	Standardization, Certification, Accreditation and Branding Training in Agricultural Markets	29.03-04.04/2018	Firat Development Agency - Elazig Provincial Directorate of Agriculture
32	Training Project of Environmentally Friendly Agricultural Production Methods	17/01/2019	Elazig Fisheries Research Institute
33	Strengths, Weaknesses and Strategies of Fisheries and Aquaculture in Our Region and Province	01/08/2019	Elazig Fisheries Research Institute
34	Training on "Scientific Research Methods"	02-06/12/2019	Firat University/Elazığ
35	Research and Publication Ethics	27/04/2020	Online- Atatürk Horticultural Central Research Institute/Yalova
36	Biological Data Collection from Commercial Fisheries	28/08/2020	Online - AKSAM
37	Ethics in the Framework of Human Rights	12/07/2021	Public Servants Ethics Committee - CBIKO
38	Good Management Principles in the Context of Human Rights and Ombudsman Institution	12/07/2021	Chief Ombudsman of the Ombudsman Institution - CBIKO
39	Gender Equality at Work Based on Human Rights	12/07/2021	Labor and Social Security Education and Research Center Presidency -CBIKO
40	Human rights	26.07.2021	Labor and Social Security Education and Research Center Presidency -CBIKO
41	Disaster Awareness Training	17/09/2021	Disaster and Emergency Management Presidency - CBIKO
42	Fire drill	24/09/2021	Elazig AFAD Provincial Directorate
43	Disaster Awareness Training	01.10.2021	Disaster and Emergency Management Presidency
44	First Aid Awareness Training	10.12.2021	Elazig AFAD Provincial Directorate

I ATTENDED I SEMINARS

No	Name of Seminar	Date	Location
1	First Aid Awareness Training	11.09.2015	Elazig Fisheries Research Institute
2	CBRN Training Seminar, Participant	3.02.2016	Elazig Fisheries Research Institute -Elazig AFAD Provincial Directorate



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TAGEM
R&D AND INNOVATION

- **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**
- **Duties Taken in Activities such as Symposium, Congress, Workshop, Course Organization**

I ATTENDED I SEMINARS

<u>No</u>	<u>Name of Seminar</u>	<u>Date</u>	<u>Location</u>
3	CBRN Training Seminar, Participant	19.04.2016	Elazig Fisheries Research Institute - Elazig AFAD Provincial Directorate
4	Training Seminar of Civil Defense, Fire Prevention, Extinguishing and Practice, Participant	13.02.2017	Elazig Fisheries Research Institute
5	Training Seminar of Civil Defense, Fire Prevention, Extinguishing and Practice	30.03.2018	Elazig Fisheries Research Institute
6	Training Seminar on Combating Violence against Women	22.05.2018	Elazig Fisheries Research Institute
7	Adaptation to Climate, Marketing of Local and Local Products and Cooperatives Seminar	17.02.2018	Elazig Fisheries Research Institute - FKA

I ATTENDED SYMPOSIUM/PANEL/CONGRESS /CONFERENCE/MEETING

<u>No.</u>	<u>Name of Activities</u>	<u>Date</u>	<u>Training Unit</u>
1	5th Eastern Anatolia Fisheries Symposium	31.05-2.06/2014	Elazig Fisheries Research Institute
2	Conference on Aquaculture in Closed Circuit Systems	23/10/2014	Elazig Fisheries Research Institute
3	Current Situation of Aquaculture in Türkiye and Importance of Aquaculture in Elazig	3/11/2014	Firat University
4	Healthy Living Conference	28.02.2016	Elazig Public Health Directorate
5	Conference on Environmental Effects of Trout Farms and Precautions to be Taken	1.04.2016	Elazig Fisheries Research Institute
6	Conference on R&D Reform Package of the Ministry of Science, Industry and Technology, Tubitak R&D Projects and 2023 Vision	10.05.2016	Elazig Fisheries Research Institute
7	2nd National Environmental and Water Management Panel	12.05.2017	Elazig Municipality
8	1st Food, Agriculture and Livestock Summit	27-28.10.2017	Elazig
9	Agricultural Sector Common Mind Meeting	21.06.2018	Elazig
10	LIMNOFISH 2019, II nd International Symposium on Limnology and Freshwater Fisheries	03-05/09/2019	Elazig Fisheries Research Institute /Elazig
11	HUHS Regional Group Meeting	28.12.2020	Erzincan Garden Cultures Res. Ins. - Online
12	TAGEM Fisheries Research Project Evaluation Meeting	15-19/03/2021	Online - General Directorate of Agricultural Research And Policies
13	TAGEM Extended Coordination Meeting	16/04/2021	Online - General Directorate of Agricultural Research And Policies



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- **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**
- **Duties Taken in Activities such as Symposium, Congress, Workshop, Course Organization**

I ATTENDED I SEMINARS

<u>No</u>	<u>Name of Seminar</u>	<u>Date</u>	<u>Location</u>
14	Agricultural Extension and Consultancy Provincial Technical Committee	22.04.2021	Elazığ Directorate of Provincial Agriculture and Forestry
15	5 th Crop Production Plant Health and Animal Production Animal Health Meeting	04.05.2021	Erzincan Garden Cultures Res. Ins. - Online
16	FABA 2021: International Fisheries and Aquatic Sciences Symposium	7-8.09.2021	Online
17	Technology Transfer and Business Development Working Group Meeting	03.11.2021	Online - General Directorate of Agricultural Research And Policies
18	Norm Staff	25.11.2021	General Directorate of Personnel
19	6th Regional Group Meeting	21.12.2021	Erzincan Garden Cultures Res. Ins. - Online
20	Agricultural Extension and Consultancy Provincial Technical Committee	29.12.2021	Elazığ Directorate of Provincial Agriculture and Forestry

I ATTENDED WORKSHOPS

<u>No</u>	<u>Name of Workshop</u>	<u>Date</u>	<u>Location</u>
1	Academic Consultation Evaluation and Quality Improvement Workshop	14.02.2013	Elazig Fisheries Research Institute
2	Health Management Workshop in Fish Aquaculture	2.04.2013	Elazig Fisheries Research Institute
3	Workshop on Detection of Inland Water Resources and Fish Fauna in Siirt, Şırnak and Hakkari Provinces	26-27/08/2014	Elazig Fisheries Research Institute
4	Malatya Province Fisheries Strategic Plan Workshop	31/03/ 2015	Malatya
5	Tunceli Province Fisheries Strategic Plan Workshop	26/03/ 2015	Tunceli
6	Sustainability Trout Aquaculture Workshop	12.04.2016	Elazig Fisheries Research Institute
7	Elazig, Malatya, Tunceli and Erzincan Provinces Fisheries Cooperative and Fishing Workshop	27.09.2016	Elazig Fisheries Research Institute
8	1 st National Leech Workshop	27/04/2017	Elazig Fisheries Research Institute
9	CERES Project Workshop on Climate Change and Trout Aquaculture	04.05.2017	Mersin University / Elazig Fisheries Research Institute



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<u>Name of Prize</u>	<u>PRIZES</u> <u>Institution</u>	<u>Year</u>
Certificate of appreciation	The Ministry of Agriculture and Rural Affairs	2002
Certificate of appreciation	Elazig Fisheries Research Institute	2012
3rd in the Institution	Research Institutions Researcher Personnel, Performance evaluation	2014
4th in the Institution	Research Institutions Researcher Personnel, Performance evaluation	2015
Certificate of appreciation	Elazig Fisheries Research Institute	2014
Certificate of appreciation	Elazig Governorship	2014
Certificate of appreciation	Elazig Governorship	2016
Certificate of appreciation	Elazig Governorship	2016
2nd in the Institution	Research Institutions Researcher Personnel, Performance evaluation	2016
Certificate of achievement (2014-2016 Average 2 nd in the Institution)	General Directorate of Agricultural Research and Policies	2017
1st in the Institution	Research Institutions Researcher Personnel, Performance evaluation	2017
Certificate of appreciation	Elazig Fisheries Research Institute	2017
Certificate of appreciation	Elazig Fisheries Research Institute	2017
2nd in the Institution	Research Institutions Researcher Personnel, Performance evaluation	2018
1st in the Institution	Research Institutions Researcher Personnel, Performance evaluation	2021
1st in the Institution	Research Institutions Researcher Personnel, Performance evaluation	2022