



TAGEM
R&D AND INNOVATION

FISHERIES RESEARCH INSTITUTE/ ELAZIG



ÖZKAN ÖZBAY

Director

EDUCATION

- **Assoc. prof**
- **PhD**
- **MSc** 2017-2019 Çukurova University
Fisheries Faculty
- **Bachelor's Degree** 1992-1996 Fırat University
Fisheries Faculty
- **LANGUAGE** English

CAREER

- 05.10.2016- Director, Fisheries Research Institute – ELAZIĞ
- 29.02.2016-05.10.2016 Assistant Director, Fisheries Research Institute - ELAZIĞ
- 24.12.2015-28.02.2016 Researcher, Fisheries Research Institute - ELAZIĞ
- 19.11.2015-24.12.2015 Deputy Assistant Director, Fisheries Research Institute - ELAZIĞ
- 29.09.2015-19.11.2015 Researcher, Fisheries Research Institute - ELAZIĞ
- 2014-29.09.2015 Researcher, Fisheries Research Institute (With Ministry Approval), Fisheries Research Institute - ELAZIĞ
- 2012-2014 Administrative Coordinator (Assistant Director), Fisheries Research Institute - ELAZIĞ
- 2006-2012 Researcher, Fisheries Research Institute -ELAZIĞ
- 2003-2006 Engineer, Provincial Directorate of Agriculture, MALATYA
- 2002-2003 Teacher, National Education Directorate - ELAZIĞ
- 1997-2002 Teacher, Assistant Director, National Education Directorate - DİYARBAKIR

ABOUT ME

I was born in 1972 in Elazig. I graduated from Fırat University, Faculty of Fisheries in 1996. In 2003, I was appointed to Malatya Provincial Directorate of Agriculture as Fisheries Engineer. I started to work as a researcher at Elazig Fisheries Research Institute in 2006. I have been working as the Director of the Institute since 05.10.2016

I was the leader of the projects titled "Investigation of Leech Fauna and Its Economic Significance in the Güneydoğu Anadolu Region", "Investigation of Leech Fauna in Sivrice Hazar Lake (Elazig-Turkey) and the Streams Connected to the Lake" and "Monitoring of Medicinal Leech, Hirudo Verbana in Wetlands of Karakoçan District" and have been studying in many projects.

CONTACT



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▪ **PROJECTS**

▪ **Projects Conducted**

1. Investigation of Leech Fauna and Its Economic Importance in Güneydoğu Anadolu Region, (TAGEM – Project Leader).
2. Investigation of Some Population Parameters of Economic Fish Species in Keban, Karakaya and Atatürk Dam Lakes (TAGEM).
3. Estimating and Monitoring of Crayfish (*Aastacus leptodactylus eschscholtz, 1823*) Population Size of Keban Dam Lake (TAGEM).
4. Capacity Building Project of Adaptation to Climate Change In Terms of Agriculture, Forestry and Fisheries (European Union CFCU).
5. Analysis of the Effects of Aquaculture Supports (Guided- TAGEM).
6. Investigation of Leech Fauna in Sivrice Hazar Lake (Elazig-Turkey) and the Streams Connected to the Lake (Routine - Leader).
7. Monitoring of Medicinal Leech, *Hirudo verbana* in Wetlands of Karakoçan District (Routine - Leader)
8. Investigation of Aquaculture Potential of Sibirya Mersin Fish (*Acipenser baerii, Brandt 1869*) in Different Systems (TAGEM).
9. Production of Medicinal Leech and Obtaining Anti-Aging Product from Leech (Public-Private Sector).



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. Akgün, H., Arısoy, G., Yıldırım, T., Çiçek, Y., Özbay, Ö., Veske, E. Importance of Aquaculture Mechanization. Soil-Water Journal (2013) Vol 2, Number 2(1), s. 1225-1228. ISSN:2146 - 7072
2. Sağlam, N., Özbay, Ö., Demir, T., Balcı, M., Pala, A., & Kılıç, A., Effect of Water Quality on Monthly Density Variation of the Endangered Southern Medicinal Leech *Hirudo verbana* Carena, 1820 (Hirudinea: Arhynchobdellida: Hirudinidae), Acta zool.bulg., 70 (3), 2018:433-441.

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

1. **Özbay Ö.**, N. Sağlam, F. Demiroğlu, M. Balcı, A. Sevim, A. Kılıç, K. Özkan, F. Gündüz, T. Demir, N.G. Örnekçi, 2012. Monitoring of Medicinal Leech (*Hirudo Verbana* Carena, 1820) in Wetlands of Karakoçan, 1 Oth Conference of the Association of Hirudologists, 1-October 5, Kharkiv/Ukraine.
2. Sağlam N., **Ö. Özbay**, A. Sevim, N. Özbey, S. Arca, A. Beri, A. Sesli, A. Kılıç, 2012. "Sivrice Hazar Gölü (Elazığ-Türkiye) ve Göle Bağlantılı Akarsularda Sülük Faunasının Araştırılması" The First International Biology Congress in Kyrgyzstan , 24-24 September, Bishkek/Kyrgyzstan.
3. Akgün,H., **Özbay,Ö.**, Demir,T., Örnekçi,N., Uslu A.A., Gürçay,S., (2013). Present Status of Fisheries Sector in Elazığ, The First International Fisheries Symposium in Northern Cyprus, 24-27 March 2013, s.91, Cyprus.
4. Akgün, H., Küçükylmaz, M., Örnekçi, G.N., Uslu, A.A., **Özbay, Ö.**, 2013. Production sustainability and marketing of grown trout, Şanlıurfa, The First International Fisheries Symposium in Northern Cyprus, 24-27 March 2013, s. 83, Cyprus.
5. Akgün, H., **Özbay, Ö.**, Yıldırım, T., Veske, E., 2013. Fisheries Production Entrepreneurship and Regional Development: The Case of Elazığ) 2nd International Regional Development Conference 16-17 May 2013, Elazığ.
6. Demir, T., **Özbay, Ö.**, Kızak,V., Örnekçi, G.N., Alpaslan, K., Evaluation of Water Resources in Ardahan Province in Point of Aquaculture., Ecology Symposium 2017 International Symposium which is going to be held during May 11-13 2017 at Kayseri,Turkey. Welook forward to seeing you here in Kayseri. S.582.
7. Kızak, V., Gürçay, S., Demir, T., **Özbay, Ö.**, Aquaponic System As a Ecological Production Method, Ecology Symposium 2017 International Symposium which is going to be held during May 11-13 2017 at Kayseri,Turkey. Welook forward to seeing you here in Kayseri. S.4422
8. Uluer, A., Demir, T., Özbey, N., Kocalmış, A., **Özbay, Ö.**, Tohma Çayı (Malatya) Fosfor, Azot, Klorofil-a, Konsantrasyonlarının Mevsimsel Değişimi. ERASMUS International Academic Research Symposium on Science, Engineering and Architecture Sciences, 5-6 April 2019, İzmir, Turkey.
9. Demir, T., Uluer, A., **Özbay, Ö.**, Kocalmış, A., Özbey, N., Karakaya, G., Some Physio-Chemical Properties Of Tohma Stream (Malatya). Ispac 12thInternational Conference On Agriculture, Animal Sciences And Rural Development 6-8 July 2023-Ordu/ TURKEY



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▪ NATIONAL ARTICLES AND PAPERS

▪ Articles Published in National Journals

1. Akgün, H., **Özbay, Ö.**, Yıldırım, T., Veske, E., Current Situation of Fishing in Sanliurfa Province. Fisheries Eng. Association Journal Issue: 51-54 March.2013, 52-56
2. Özbay, Ö., Sağlam, N., Dörücü, M., Balcı, M., Kılıç, A., Özbey, N., Pala, A., Sesli, A., Demir, T., Arca, S., Metin, S., Beri, A., Özkan, K., Doğan Barata, S., Research of Leech Fauna in Southeastern Anatolia Region. Journal of Limnology and Freshwater Fisheries Research, 8 (2), 2022, Sayfa: 116-130

▪ International Papers, Seminars, etc.

1. Akgün, H., **Özbay, Ö.**, Yıldırım, T., Veske, E., Fisheries situation in Şanlıurfa Province, 17. National Fisheries Symposium Abstract Book p:250, 3-6 September 2013, İstanbul.
2. Akgün, H., Yıldırım, T., **Özbay, Ö.**, Veske, E., Elazığ Aquaculture Production Entrepreneurship. 17. National Fisheries Symposium Abstract Book, 3-6 September 2013, İstanbul, p:251
3. Yüce ,S., Aydın, R., Çoban ,M. Z., Çelik, B., Örnekçi, G. N., Güneş, S., **Özbay, Ö.**, 2013, Growth Characteristics of Carasobarbus luteus(Heckel,1843) living in Atatürk Dam Lake Erzurum Faba Summary Booklet.
4. **Özbay, Ö.**, Sağlam, N., Demir, T., Balcı, M., Arca, S., Sevim, A., Özbey, N., Sesli, A., Beri, A., Özkan, K., Akgün, H., 2014, Leech Fauna of Adıyaman, Gaziantep and Sanliurfa. Eastern Anatolia Region 5th Fisheries Symposium, Abstract Book, May-02 June 2014, Elazığ, 150-151.
5. Akgün, H., Yıldırım, T., Arısoy, G., **Özbay, Ö.**, 2015, Active Fisheries Cooperatives and Their Existing Structures in Sanliurfa II. Fishing and Reservoir Management Symposium, 20-22 May 2015, Egirdir/ ISPARTA, 137-138.
6. Akgün, H., Temur, B., **Özbay, Ö.**, Yıldırım, T., Şeker, T., Birici, N., 2015, Fish Vaccination Studies in Our Inland Waters. II. Fishing and Reservoir Management Symposium, 20-22 May 2015, Egirdir/ ISPARTA, 253-254.
7. Akgün, H., Yıldırım, H., **Özbay, Ö.**, 2015, Eating Fish Meat with Yogurt and Poisoning. II. Fishing and Reservoir Management Symposium, 20-22 May 2015, Egirdir/ ISPARTA, 299-300.
8. Gürçay, S., **Özbay, Ö.**, Alkan, S. M., Demir, T., 2017, Methods of Monitoring Feed, Nutrition and Growth Performance in Aquaculture. 19th National Fisheries Symposium, 12-15 September 2017, Sinop University, Faculty of Fisheries. Sinop.
9. Demir, T., Kızak, V., **Özbay, Ö.**, Gürçay, S., 2017, Economic Status of Aquaculture in Adıyaman Province. 19th National Fisheries Symposium, 12-15 September 2017, Sinop University, Faculty of Fisheries. Sinop.



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▪ **OTHER PUBLICATIONS**

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

1. Determination of Fisheries Consumption Habits in Elazig Province, Çukurova University, Institute of Science, FYL-2019-11789.

▪ **Duties Taken in Organization such as Symposium, Congress, Workshop, Course**

1. Doğu Anadolu Region 5th 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. Elazig, Malatya, Tunceli, Erzincan Provinces Fisheries Cooperatives and Fishery Workshop, Member of the Organizing Committee, 27 September 2016, Elazig.
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. "FABA 2018, International Symposium on Fisheries and Aquatic Sciences" ,Scientific Committee Member, 21-23 November 2018, Ankara.
8. Limnofish 2019, 2nd International Symposium on Limnology and Freshwater Fishery, Co-Chairman, 03-05 September 2019, Elazig.



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

ATTENDED TRAININGS

<u>Name of Training</u>	<u>Date</u>	<u>Organization</u>
1. 1st Turkish Fisheries and Aquaculture Seminar	11.04.2006	Aqua Life Journal
2. 2nd Turkish Fisheries and Aquaculture Seminar	13.05.2008	Aqua Life Journal
3. EU Project Preparation and Implementation Training	17-21.08.2009	Provincial Private Administration
4. In-Service Training Seminar on Problems Encountered in the Control of Trout Farms and Suggestions for Solutions	27-29.11.2012	ELSAM
5. Regional Group Meeting	10.12.2013	ELSAM
6. Presentation Techniques Training	10.02.2014	ELSAM
7. Publication Preparation Steps for An Indexed Journal	16.04.2015	ELSAM
8. Personal Development Training	14.12.2015	ELSAM
9. Fırat Development Agency Project Preparation Training	28.01.2016	ELSAM
10. Moderation Training	6.12.2016	ELSAM
11. FAO- Regional Training on Best Practices Forage Culture in Reservoirs And Lakes	05-08.12.2017	ELSAM
12. Training of Occupational Health and Safety in the Laboratory	08-12.01.2018	ELSAM - FKA
13. Applied Entrepreneurship Training of Young Entrepreneur Women in Agriculture Are Empowered	16.02.2018	Elazığ Provincial Directorate of Agriculture and Forestry
14. Adaptation to Climate, Marketing of Local and Local Products and Cooperatives Seminar	17.02.2018	ELSAM - FKA
15. In-service training on "Stock Estimation Methods Based on Commercial Fisheries in Inland Waters and Determination of Inland Fish Species"	10-12.04.2018	HİEBİS/ELSAM
16. "Su Ürünleri Yetiştiriciliğinde İyi Tarım Uygulamaları Kontrol Noktaları ve Uygunluk Kriterleri" Eğitimi	10-13.07.2018	Elazığ Provincial Directorate of Agriculture and Forestry
17. Training of Farm Systems Adapted to Climate Change	25.07.2018	FÜ-ESÜAE
18. Standardization, Certification, Accreditation and Branding Training in Agricultural Markets	29.03-04.04/2018	FKA-GTHB Elazığ İl Müd.
19. Training Project of Environmentally Friendly Agricultural Production Methods	17/01/2019	ELSAM
20. Stock Estimation Methods for Commercial Fisheries in Inland Waters and Determination of Inland Fish Species	17-18/04/2019	ELSAM
21. Strengths, Weaknesses and Strategies of Fisheries and Aquaculture in Our Region and Province	01.08.2019	ELSAM
22. Training on "Scientific Research Methods"	02-06/12/2019	Fırat University/Elazığ
23. Fire Extinction Practice Training	8.04.2013	ELSAM



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<u>Name of Training</u>	<u>Date</u>	<u>Organization</u>
24. Disaster Awareness Training	24.07.2013	ELSAM
25. Preparedness to Earthquake	22.12.2013	ELSAM
26. First Aid Awareness Training	11.09.2015	ELSAM
27. CBRN Training Seminar	3.02.2016	ELSAM-AFAD
28. CBRN Training Seminar	19.04.2016	ELSAM-AFAD
29. Training Seminar of Civil Defense, Fire Prevention, Extinguishing and Practice	13.02.2017	ELSAM
30. Training Seminar of Civil Defense, Fire Prevention, Extinguishing and Practice	30.03.2018	ELSAM
31. Training Seminar on Combating Violence Against Women	22.05.2018	ELSAM
32. Adaptation to Climate, Marketing of Local and Local Products and Cooperatives Seminar	17.02.2018	ELSAM - FKA

SYMPOSIUM/PANEL/CONGRESS

<u>Name of Symposium/Panel/Congress</u>	<u>Date</u>	<u>Place</u>
1. The First International Biology Congress in Kyrgyzstan	Eylül 2012	Bishkek/Kyrgyzstan
2. Doğu Anadolu Region 5th Fisheries Symposium	31.05-02.06/2014	ELSAM
3. The Effect of Pollution Load of Trout Aquaculture Facilities to Keban Dam Lake	11.01.2013	ELSAM
4. Conference on Aquaculture in Closed Circuit Systems	22.10.2014	ELSAM
5. Current Situation of Aquaculture in Turkey and Importance of Aquaculture in Elazığ	3.11.2014	Firat University
6. Elazığ Development Congress	29.11.2014	Elazığ Governorship
7. Elazığ Development Congress Fisheries Sector Meeting	20.03.2015	Elazığ Governorship -Firat University
8. Healthy Living Conference	28.02.2016	Directorate of Elazığ Public Health
9. Conference on Environmental Effects of Trout Farms and Precautions to be Taken	1.04.2016	ELSAM
10. Elazığ Science Fair	21.10.2016	Elazığ
11. Conference on R&D Reform Package of the Ministry of Science, Industry and Technology, Tubitak R&D Projects and 2023 Vision	10.05.2016	ELSAM
12. Malatya Province Fisheries Cooperatives and Breeders' Union Consultation Meeting	19.01.2017	ELSAM
13. 1st Public-Private Sector Meeting in Food and Agricultural R&D & Innovation	03.05.2017	TAGEM/Ankara
14. 2nd National Environmental and Water Management Panel	12.05.2017	Elazığ Municipality
15. Food, Agriculture and Livestock Fair	28.09-1.10.2017	Elazığ
16. 1st Food, Agriculture and Livestock Summit	27-28.10.2017	Elazığ



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<u>Name of Symposium/Panel/Congress</u>	<u>Date</u>	<u>Place</u>
17. 2nd Public-Private Sector Agricultural R&D & Innovation Meeting	15.11.2017	TAGEM/Ankara
18. Evaluation Meeting of 2017 Year-End	02.12.2017	Çemişgezek/Çermik
19. Registration Meeting of Fisheries Genetic Resources	24-25.01.2018	TAGEM/Elazığ
20. Agricultural Sector Evaluation Consultation Meeting	16.04.2018	Malatya
21. 5th Fisheries Evaluation Meeting	17.04.2018	Antalya
22. Meeting About Balıklı Lake	22.03.2018	Şanlıurfa
23. 2nd Regional Group Meeting	26.04.2018	ELSAM
24. Agricultural Sector Common Mind Meeting	21.06.2018	Elazığ
25. Monthly Coordination Meeting of Elazig Food, Agriculture Provincial Directorate and Its Affiliated and Related Institution	9.08.2018	Malatya
26. August 30 Victory Day Reception	30.08.2018	Elazig Governorship
27. Opening and Commemoration Program of Çemişgezek/Ulukale Martyrs Monument	9.09.2018	Çemişgezek/Tunceli
28. 2nd Agriculture, Agricultural Machinery, Food, Livestock and Technology Fair	4-7.10.2018	Elazığ
29. 8 th International Fair for Fish Imports/Exports, Processing, Aquaculture and Fisheries	18-20.10.2018	İzmir
30. Development in Agriculture	17-18.12.2018	MÜSiAD
31. Ordinary Meeting of Fisheries National Registration Committee	26.12.2018	TAGEM
32. Salute to Fisheries Hunting Ban, Continue Eating Trout	1.04.2019	Elazığ
33. Agriculture and Forestry Sector Evaluation Meeting	26.03.2019	Elazığ
34. UHS 3rd Regional Group Meeting	25.04.2019	Malatya
35. Elazig Agriculture Council Evaluation Meeting	18.06.2019	Elazığ
36. LIMNOFISH 2019, 11 nd International Symposium on Limnology and Freshwater Fisheries	03-05/09/2019	ELSAM – SAREM Elazığ
37. 5th International Conference on Regional Development	25.9.2019	Malatya
38. International Agriculture Congress about Mus Plain	24-27/09/2019	Muş
39. 3th Food Agriculture Fair	3-6/10/2019	Elazığ
40. "Today Plant, Tomorrow Breath" Project	11.11.2019	Elazığ
41. Coordination Meeting with TAGEM and Institute Directors	14.09.2020	TAGEM - Online
42. Coordination Meeting with TAGEM and Institute Directors	02.12.2020	TAGEM - Online
43. HUHS Regional Group Meeting	28.12.2020	Erzincan Garden Cultures Res. Ins. - Online
44. Guided Project Management Committee Meeting	10.02.2021	TAGEM - Online
45. Consultation Meeting (Moldova)	02.03.2021	TAGEM - Online
46. TAGEM Fisheries Research Project Evaluation Meeting	15-19.03.2021	TAGEM - Online
47. TAGEM Extended Coordination Meeting	16.04.2021	TAGEM - Online
48. 5th Crop Production Plant Health and Animal Production Animal Health Meeting	04.05.2021	Erzincan Garden Cultures Res. Ins.- Online



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<u>Name of Symposium/Panel/Congress</u>	<u>Date</u>	<u>Place</u>
49 TAGEM Coordination Meeting	30.06.2021	
50 Public-Private Sector Project Meeting (Medical Leech Production and Obtaining Anti-Aging Product from Leech)	26-27.08.2021	Kayseri
51 Extended Management Coordination Meeting	06-10/09/2021	Alata/Mersin
52 DAP Regional Development Administration	09-10.11.2021	Erzurum
53 Norm Staff (PERGEM)	25.11.2021	PERGEM - Online
54 6th Regional Group Meeting	21.12.2021	Erzincan Garden Cultures Res. Ins. - Online
55 5th Master Plan Revision Meeting	22-23.12.2021	TAGEM - Online

WORKSHOPS

<u>Name of Workshop</u>	<u>Date</u>	<u>Place</u>
1. Academic Consultation Evaluation and Quality Improvement Workshop	14.02.2013	ELSAM
2. Health Management Workshop in Fish Aquaculture	2.04.2013	ELSAM
3. Workshop on Detection of Inland Water Resources and Fish Fauna in Siirt, Şırnak and Hakkari Provinces	26-27.08.2014	ELSAM
4. Development Congress Fisheries Workshop	13.03.2015	ELSAM
5. Sustainability Trout Aquaculture Workshop	12.04.2016	ELSAM
6. Elazığ, Malatya,Tunceli and Erzincan Provinces Fisheries Cooperative and Fishing Workshop	27.09.2016	ELSAM
7. 1st National Leech Workshop	27.04.2017	ELSAM
8. CERES Project Workshop on Climate Change and Trout Aquaculture	04.05.2017	Mersin University / ELSAM
9. 6th Aquaculture Workshop	23.02.2018	Antalya
10. "Capacity Formation for Adaptation to Climate Change, Agriculture, Forestry and Fisheries" Workshop	04.05.2018	Firat University- ELSAM
11. SUGAMET 2018 (3rd National/1st International Gamete Biology Workshop)	21.09.2018	Hatay
12. Inland Waters Fisheries Workshop	13-14 Şubat 2019	Elazığ
13. 7th Aquaculture Workshop	28/02-02/03 2019	Antalya
14. 2019-2023 Workshop on Fisheries Sector Policy Document	30.04.2019	TAGEM



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REWARDS

<u>Name of Reward</u>	<u>Institution</u>	<u>Year</u>
Occupational Safety Expertise Certificate	ÇSGB (General Directorate of Occupational Health and Safety)	2013
Certificate of Appreciation	Elazig Governorship	2014
Certificate of Appreciation	Elazig Governorship	2016
Certificate of Appreciation	Elazig Governorship	2016
Honor Certificate	History Culture Education Association Economic Enterprise	2016
Platelet	Elaziğ Fisheries Research Institute	2016
Platelet	History Culture Education Association Economic Enterprise	2016
Platelet	Elazig Municipality	2017
Platelet	Doğu Anadolu 1st Food, Agriculture and Livestock Summit	2017
Platelet	Çaydaçıra Movie Festival Association	2018
Platelet	President of the Chamber of Agriculture	2018
Platelet	2nd Elazig Agriculture, Agricultural Machinery, Food, Livestock and Technologies Fair	2018
Platelet	Firat University	2018
Amateur Seaman Certificate	Ministry of Transport and Infrastructure (General Directorate of Marine and Inland Waters Regulation)	2018