

## Res. Asst. PhD Kamil Mert ERYALÇIN

### Personal Information

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### Biography

He was born in 22 February 1978 in Üsküdar, İstanbul. He was graduated from "Küçükyalı Merkez İlköğretim" elementary school. He finished "Bostancı" Middle School between 1989-1992. He was then graduated from "Hayrullah Kefoğlu" High school (1992-1995). He completed his undergraduate studies between 1997-2001. He started Master degree in 2001 and completed in 2006. During this period, he won Japan Ministry Education Scholarship for exchange students for one year in Tokyo Marine Science and Technology between 2003-2004. He attended several laboratory and field studies in that time. After returning to Turkey, he started Kılıç Aquaculture Company in Bafa Marine fish hatchery as aquaculture engineer. He was then promoted to Güvercinlik Hatchery as Research & Development Chief during 2005. He continued his job in Kılıç till December 2005.

In 2006, he started to work at İstanbul University, Faculty of Fisheries as research assistant and Ph.D. student. During his Ph.D., he won The Scientific and Technological Research Council Scholarship called "BİDEB-2214" in 2009 and he was in GIA (Grupo de Investigacion en Acuicultura) and ICCM (Instituto Canario de Ciencias de Marinas). He completed his doctoral degree in 2011. He still works as Ph.D. Research Assistant at İstanbul University, Faculty of Aquatic Sciences. He is laboratory responsible of "Fish Nutrition" and "Phytoplankton and Zooplankton Culture" laboratories. He received the title of Associate Professor on April 15, 2020 by his publications and studies.

Recent some articles:

- 1) <http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2109.2012.03237.x/full>
- 2) <http://onlinelibrary.wiley.com/doi/10.1111/are.13321/full>
- 3) [http://www.trjfas.org/uploads/pdf\\_1133.pdf](http://www.trjfas.org/uploads/pdf_1133.pdf)
- 4) <http://www.redalyc.org/articulo.oa?id=57844304005>
- 5) <http://www.trjfas.org/abstract.php?lang=en&id=840>
- 6) <https://link.springer.com/article/10.1007/s10499-019-00375-5>

### Education Information

Doctorate, İstanbul Üniversitesi, Su Ürünleri Fakültesi, Yetiştiricilik, Turkey 2005 - 2011

Post Graduate, İstanbul Üniversitesi, Su Ürünleri Fakültesi, Yetiştiricilik, Turkey 2001 - 2005

Under Graduate, İstanbul Üniversitesi, Su Ürünleri Fakültesi, Turkey 1997 - 2001

### Foreign Languages

English, B2 Upper Intermediate

Spanish, B1 Intermediate

## Certificates, Courses and Trainings

Foreign Language, Just English, İspanyolca, 2012

Education Management and Planning, Su Ürünleri Yetiştiricilik Sahalarında Taşıma Kapasitesinin Belirlenmesi Çalıştay, Su Ürünleri Merkez Araştırma Enstitüsü Müdürlüğü, Trabzon, 2006

Education Management and Planning, Certificate of Participation in Microalgae and Bivalve Culture, Chiba Prefectural Fisheries Research Center - Futtsu Laboratory - Japonya, 2004

Education Management and Planning, Advanced Training Program for the Marine Science and Technology, Tokyo University of Marine Science and Technology. Japonya, 2003

## Dissertations

Doctorate, Farklı koşullarda yetistiren mikroalgelerin çipura (*Sparus aurata* L., 1758) postlarvalarında yağ asidi kompozisyonuna etkisi, İstanbul University, Su Ürünleri Fakültesi, Yetiştiricilik, 2011

Post Graduate, Çok doymamış yağ asitleri bakımından zengin alg ilave edilen yemlerin levrek (*Dicentrarchus labrax* L., 1758)'de büyüme performansı ve vücut kompozisyonuna etkisi, İstanbul University, Su Ürünleri Fakültesi, Yetiştiricilik Bölümü, 2006

## Research Areas

Agricultural Sciences, Seafood, Aquaculture

## Academic Titles / Tasks

Research Assistant PhD, İstanbul Üniversitesi, Su Ürünleri Fakültesi, Yetiştiricilik, 2011 - Continues

Research Assistant, İstanbul Üniversitesi, Su Ürünleri Fakültesi, Yetiştiricilik, 2005 - 2011

## Professional Experience

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **The influence of diet on the microbiota of live-feed rotifers (*Brachionus plicatilis*) used in commercial fish larviculture.**  
Turgay E., Steinum T. M. , Eryalçın K. M. , Yardımcı R. E. , Karataş S.  
FEMS microbiology letters, vol.367, 2020 (Journal Indexed in SCI)
- **Nutritional value and production performance of the rotifer *Brachionus plicatilis* Muller, 1786 cultured with different feeds at commercial scale**  
Eryalçın K. M.  
AQUACULTURE INTERNATIONAL, vol.27, pp.875-890, 2019 (Journal Indexed in SCI)
- **Effects of Different Commercial Feeds and Enrichments on Biochemical Composition and Fatty Acid Profile of Rotifer (*Brachionus Plicatilis*, Muller 1786) and *Artemia Franciscana***  
Eryalçın K. M.  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.18, pp.81-90, 2018 (Journal Indexed in SCI)
- **Effects of dietary mannan oligosaccharides in early weaning diets on growth, survival, fatty acid composition and gut morphology of gilthead sea bream (*Sparus aurata*, L.) larvae**  
Eryalçın K. M. , Torrecillas S., Caballero M. J. , Hernandez-Cruz C. M. , Sweetman J., Izquierdo M.  
AQUACULTURE RESEARCH, vol.48, pp.5041-5052, 2017 (Journal Indexed in SCI)
- **Effect of Long-Term Feeding with Dried Microalgae Added Microdiets on Growth and Fatty Acid Composition of Gilthead Sea Bream (*Sparusaurata* L., 1758)**  
Eryalçın K. M. , Yıldız M.

TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.15, pp.905-915, 2015 (Journal Indexed in SCI)

- **Nannochloropsis gaditana and Cryptocodinium cohnii, two microalgae as alternative sources of essential fatty acids in early weaning for gilthead seabream**

Eryalcin K. M. , Ganuza E., Atalah E., Hernandez Cruz M. C.

HIDROBIOLOGICA, vol.25, pp.193-202, 2015 (Journal Indexed in SCI)

- **Fish oil replacement by different microalgal products in microdiets for early weaning of gilthead sea bream (*Sparus aurata*, L.)**

Eryalcin K. M. , Roo J., Saleh R., Atalah E., Benitez T., Betancor M., del Carmen Hernandez-Cruz M., Izquierdo M.

AQUACULTURE RESEARCH, vol.44, pp.819-828, 2013 (Journal Indexed in SCI)

## Articles Published in Other Journals

- **Effect of Different Microalgae and Commercial Feeds on Growth, Protein and Fatty Acid Profile of Rotifer (*Brachionus plicatilis*)**

Eryalcin K. M.

KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.21, pp.220-228, 2018 (Journal Indexed in ESCI)

- **'Importance of microalgae utilization in marine larval fish and crustacean nutrition and feeding'**

ERYALÇIN K. M.

Stages, vol.38, pp.5-6, 2017 (Non-Refreed Journal)

- **Determination of sex and gonad maturity in sturgeon (*Acipenser gueldenstaedtii*) using ultrasound technique**

MEMİŞ D., YAMANER G., TOSUN D. D. , ERYALÇIN K. M. , Chebanov M., Galich E.

Journal of Applied Aquaculture, vol.28, pp.252-259, 2016 (Refereed Journals of Other Institutions)

- **"Mikroalg Katkılı Yemlerin Levrek Yavrularında Büyüme Performansı ve Yağ Asidi Kompozisyonuna Etkisi"**

ERYALÇIN K. M.

İstanbul Üniversitesi Su Ürünleri Dergisi, vol.27, pp.67-82, 2012 (National Refreed University Journal)

- **DENİZ BALIKLARI YETİŞTİRİCİLİĞİNİN TÜRKİYE'NİN EGE VE AKDENİZ KIYILARINDAKİ ETKİSİ VE ALTERNATİF ALANLARIN TESPİTİ**

ERYALÇIN K. M. , Şener E., Güven E.

İstanbul Üniversitesi Su Ürünleri Fakültesi Dergisi, no.24, pp.21-37, 2008 (National Refreed University Journal)

- **Deniz Balıkları Yetiştiriciliğinin Türkiye'nin Ege ve Akdeniz Kıyılarındaki Etkisi ve Alternatif Alanların Tespiti.**

GÜVEN E., Eryalcin K. M. , Şener E.

İstanbul Üniversitesi Su Ürünleri Fakültesi Dergisi, 2007 (National Refreed University Journal)

## Refereed Congress / Symposium Publications in Proceedings

- **Effect of dietary vitamin d3 in growth, survival and skeletal development of gilthead sea bream larvae (*Sparus aurata*)**

Sivagurunathan U., Dominguez D., Tseng Y., ERYALÇIN K. M. , Roo J., Boglione C., Izquierdo M.

European Aquaculture Society (EAS2019), Berlin, Germany, 7 - 10 October 2019, pp.1545-1546

- **Effect of the dietary supplementation of zinc on growth, survival and bone development in gilthead sea bream larvae**

Tseng Y., Dominguez D., Sivagurunathan U., ERYALÇIN K. M. , Hernandez Cruz C. M. , Eckhard Witten P., Izquierdo M.

European Aquaculture Society (EAS2019), Berlin, Germany, 7 - 10 October 2019, pp.1524-1526

- **Vitamin and Mineral Compositions of the Rotifer *Brachionus plicatilis* (Müller, 1786) cultured with different feeds**

ERYALÇIN K. M. , Izquierdo M.

European Aquaculture Society (EAS2019), Berlin, Germany, 7 - 10 October 2019, pp.372

- **Farklı Mikroalg Türlerinin Laboratuvar Koşulları Altında Büyüme Performansı ve Yağ Asidi Kompozisyonun Potansiyel Biyodizel Üretimi İçin İncelenmesi**  
ERYALÇIN K. M. , Akın A. N. , Uyar B., Çakırca E. E. , Bayraktar G. R. , Boğa G., Bostancı S.  
19. Ulusal Su Ürünleri Sempozyumu, Sinop, Turkey, 12 - 15 September 2017, pp.141
- **EFFECT OF FOUR MICROALGAE SPECIES ON BACTERIAL LOAD OF CULTURE WATER OF ARTEMIA METANAUPLII**  
ERYALÇIN K. M. , TURGAY E., YARDIMCI R. E.  
Larvi2017; 7th Fish & Shellfish larviculture symposium, Ghent, Belgium, 4 - 07 September 2017, pp.43
- **EFFECT OF FEEDING DIFFERENT MICROALGAE ON SURVIVAL, GROWTH AND BIOCHEMICAL PERFORMANCE OF ARTEMIA**  
ERYALÇIN K. M.  
Aquaculture America 2017, Texas, United States Of America, 19 - 22 February 2017, pp.113
- **EFFECT OF Zn AND Mn SOURCES IN MICRODIETS ON GROWTH PERFORMANCE AND BONE DEVELOPMENT OF GILTHEAD SEABREAM**  
Dominguez D., Raffa A., ERYALÇIN K. M. , Mesa-Rodriguez A., HERNANDEZ-CRUZ C. M. , Izquierdo M.  
Aquaculture Europe 2016, Edinburgh, Scotland, 20 - 23 September 2016, pp.284-285
- **Effects of different dietary enrichments on fatty acid and biochemical composition of rotifer (*Brachionus plicatilis*) and Artemia**  
ERYALÇIN K. M. , OLGUNER B., TURCİHAN G.  
40th Annual Larval Fish Conference, Solomons, Maryland, United States Of America, 19 - 23 June 2016, pp.23
- **Effect of dietary minerals in early weaning diets on growth, survival and gene expression of gilthead sea bream (*Sparus aurata*) larvae**  
ERYALÇIN K. M. , HERNANDEZ-CRUZ C. M. , Mesa-Rodriguez A., Caballero M. J. , Saleh R., Dominguez D., Zamorano M. J. , Izquierdo M.  
International Symposium on Fish Nutrition and Feeding 2016, Idaho, United States Of America, 5 - 10 June 2016, pp.13
- **Siyah midye (*Mytilus galloprovincialis*)'de kısa süreli filtrasyon takibi**  
Keskin İ., ERYALÇIN K. M. , EKİCİ A.  
18. Ulusal Su Ürünleri Sempozyumu, İzmir, Turkey, 1 - 04 September 2015, pp.210
- **Mikroalg; Balık Yemi Endüstrisi'nde Balık Yağına Alternatif Olarak Kullanılabilir mi?**  
ERYALÇIN K. M.  
18. Ulusal Su Ürünleri Sempozyumu, İzmir, Turkey, 1 - 04 September 2015, pp.368
- **Siyah Midye (*Mytilus galloprovincialis*)'de Kısa Süreli Filtrasyon Takibi**  
Keskin İ., ERYALÇIN K. M. , EKİCİ A.  
18. Ulusal Su Ürünleri Sempozyumu, İzmir, Turkey, 1 - 04 September 2015, pp.210
- **Doğanbey (Orta Ege Denizi) Kıyılarında Farklı Türlerden Oluşan Emsalsiz Bir Jelatinimsi Zooplankton Aşırı Artışı Üzerine Notlar**  
TOPÇU ERYALÇIN N. E. , Martell L., ERYALÇIN K. M. , İŞİNİBİLİR OKYAR M.  
18. Ulusal Su Ürünleri Sempozyumu, İzmir, Turkey, 1 - 04 September 2015, pp.352
- **Effect of Mannan Oligosaccharides Addition in Early Weaning Diets on Growth, Survival and Gut Morphology of Gilthead Sea Bream *Sparus aurata*.**  
ERYALÇIN K. M. , Mesa-Rodriguez A., Izquierdo M., Torrecillas S.  
Aquaculture America 2014, Seattle, United States Of America, 9 - 12 February 2014, pp.73
- **A Preliminary Study of Density and Area Cover of a Shallow Water Sponge *Sarcotragus spinosulus* in Doganbey, Central Aegean Sea, Turkey**  
TOPÇU ERYALÇIN N. E. , TOPALOĞLU B., ERYALÇIN K. M. , ÖZTÜRK B.  
40th CIESM Congress, Marseille, France, 28 October - 01 November 2013, pp.698
- **Determination on sexing and gonad maturity of sturgeon by using ultrasound technique**  
Memiş D., Yamaner G., Tosun D. D. , ERYALÇIN K. M. , Chebanov M., Galich E.  
The 7th international Symposium on Sturgeons, Nanaimo, Canada, 21 - 25 July 2013, pp.44
- **Fish oil replacement by different microalgal products in microdiets for early weaning of gilthead sea bream (*Sparus aurata*, L.)**

ERYALÇIN K. M. , Roo J., Saleh R., Atalah E., Benitez T., Betancour M., Hernandez Cruz M., Izquierdo M.  
Aqua 2012, Prag, Czech Republic, 1 - 05 September 2012, pp.78

• **TWO MICROALGAE NANNOCHLOROPSIS GADITANA AND CRYPTHECODINIUM COHNII AS ALTERNATIVE SOURCE OF ESSENTIAL FATTY ACIDS IN MICRODIETS FOR GILTHEAD SEABREAM (SPARUS AURATA)**

ERYALÇIN K. M. , Roo J., Saleh R., Betancor M., Atalah E., Benitez T., Caballero M. J. , Izquierdo M.  
36th Annual Larval Fish Conference, Os, Norway, 2 - 06 July 2012, pp.39

• **'Microphotographic observation of gut contents and ingestion rates of fed different microalgae included diets by Gilthead Sea Bream larvae (Sparus aurata L. 1758).**

ERYALÇIN K. M. , Roo J., Betancor M., Atalah E., Benitez T., Izquierdo M.

The 14th International Symposium on Fish Nutrition and Feeding, Qingdao, China, 31 May - 04 June 2010, pp.447

• **Raw Material Freshness Analyses of Fishmeal Produced in Turkey**

ERYALÇIN D. M.

XIII. International Symposium on Fish Nutrition and Feeding, Florianopolis, Brazil, 1 - 05 July 2008, pp.288

• **Effects of microalgae added diets on fatty acid composition of European Sea Bass (Dicentrarchus labrax L.,1758) juveniles**

ERYALÇIN K. M. , ŞENER E.

European Inland Fisheries Advisory Commission, Antalya, Turkey, 21 - 24 May 2008, pp.264

## Supported Projects

ERYALÇIN K. M. , Project Supported by Higher Education Institutions, Laboratuvar koşulları altında farklı mikroalgler ile üretilen canlı yem, Su piresi (Daphnia magna)'nin besin maddeleri miktarlarının incelenmesi, 2019 - Continues

ERYALÇIN K. M. , EU Framework Program Project, Effects of different copper (Cu) levels on growth performance, survival, fatty acid compositions and gene expression of gilthead seabream", 2018 - 2019

ERYALÇIN K. M. , Project Supported by Higher Education Institutions, "Farklı ticari rotifer yemleri ve mikroalgler ile beslenen rotiferlerin vitamin ve mineral profillerinin incelenmesi", 2018 - 2019

ERYALÇIN K. M. , CABALLERO M. J. , SWEETMAN J., HERNANDEZ-CRUZ M. C. , IZQUIERDO M., TORRECİLLAS S., Project Supported by Higher Education Institutions, Farklı yemler ile beslenen rotifer (Brachionus plicatilis)'in yem alım oranlarının mikrofotografi yöntemi ile incelenmesi, 2018 - 2018

ERYALÇIN K. M. , ATALAH E., GANUZA E., HERNANDEZ-CRUZ M. C. , Project Supported by Higher Education Institutions, "Farklı formlarda üretilen mikroalg Nannochloropsis oculata'nın besin değerlerinin karşılaştırılması", 2017 - 2017

ERYALÇIN K. M. , IZQUIERDO M., HERNANDEZ-CRUZ C. M. , DOMINGEZ D., MESA RODRIGUEZ A., SALEH R., ZAMORANO M. J. , Project Supported by Higher Education Institutions, Effect of dietary minerals in in early weaning diets on growth survival and gene expression of gilthead sea bream Sparus aurata larvae, 2016 - 2016

ERYALÇIN K. M. , Project Supported by Higher Education Institutions, Farklı Zenginleştirici Yağ Emülsiyonları ve Mikroalglerin Rotifer(Brachionus plicatilis) ve Artemia'nın besin ve yağ asidi kompozisyonu üzerine etkisi, 2013 - 2016

ERYALÇIN K. M. , EU Framework Program Project, "Alternative Immune Stimulants", 2015 - 2015

## Scientific Refereeing

Aquaculture Research, Journal Indexed in SCIE, May 2020

Veterinary Quarterly, Journal Indexed in SCIE, April 2020

Aquaculture Research, Journal Indexed in SCIE, April 2020

Aquaculture Research, Journal Indexed in SCIE, March 2020

Aquaculture Nutrition, Journal Indexed in SCIE, February 2020

Aquaculture Nutrition, Journal Indexed in SCIE, January 2020

Aquaculture Research, SCI Journal, December 2019

International Aquatic Research, Other Indexed Journal, November 2019

Aquaculture Nutrition, SCI Journal, October 2019

The Journal of World Aquaculture Society, SCI Journal, September 2019

Marine Biotechnology, SCI Journal, August 2019  
Aquaculture Nutrition, SCI Journal, August 2019  
Aquaculture Nutrition, SCI Journal, August 2019  
African Journal of Marine Science, SCI Journal, July 2019  
Aquaculture Research, SCI Journal, July 2019  
Biodiversitas Journal of Biological Diversity, Other Indexed Journal, May 2019  
Aquaculture Research, SCI Journal, May 2019  
Project Supported by Higher Education Institutions, May 2019  
Aquaculture Research, SCI Journal, March 2019  
Journal of Oceanology and Limnology, SCI Journal, February 2019  
Aquaculture Nutrition, SCI Journal, June 2018  
Advances In Agricultural Science, Other Indexed Journal, March 2018  
Project Supported by Higher Education Institutions, March 2018  
Current Research in Nutrition and Food Science, Other Indexed Journal, February 2018  
Journal of Applied Aquaculture, SCI Journal, April 2017  
LIPIDS, SCI Journal, December 2016  
AQUACULTURE, SCI Journal, November 2016  
Journal of Applied Aquaculture, SCI Journal, October 2016  
LIPIDS, SCI Journal, September 2016  
Journal of Applied Aquaculture, SCI Journal, May 2016  
Aquaculture Reports, Other Indexed Journal, December 2015  
Journal of Aquaculture Engineering and Fisheries Research, Other journals, January 2015

## Scientific Consultations

AKVATEK SU ÜRÜNLERİ TURİZM SAN. VE TİC. A.Ş., Project Consultancy, Istanbul University, Su Ürünleri Fakültesi, Yetiştiricilik, Turkey, 2017 - 2019

## Invited Congress and Symposium Activities

European Aquaculture Society (EAS2019), Attendee, Berlin, Germany, 2019  
19. Ulusal Su Ürünleri Sempozyumu, Attendee, Sinop, Turkey, 2017  
Larvi2017; 7th Fish & Shellfish Larviculture Symposium, Attendee, Gent, Belgium, 2017  
Aquaculture America 2017 (AA2017), Attendee, Texas, United States Of America, 2017  
Aquaculture Europe 2016, Attendee, Edinburgh, Scotland, 2016  
International Symposium on Fish Nutrition and Feeding (ISFNF2016), Attendee, Idaho, United States Of America, 2016  
40th Annual Larval Fish Conference, Attendee, Maryland, United States Of America, 2016  
18. Ulusal Su Ürünleri Sempozyumu, Attendee, İzmir, Turkey, 2015  
17. Sualtı Bilim ve Teknoloji Toplantısı, Attendee, Marmara Üniversitesi Anadolu Hisarı Kampüsü, İstanbul, Turkey, 2014  
Aquaculture America 2014, Attendee, Seattle, United States Of America, 2014  
World Aquaculture Society, WAS, Aqua2012, Attendee, Prag, Czech Republic, 2012  
36th Annual Larval Fish Conference (LFC2012), Attendee, Os, Norfolk, 2012  
XIV. International Symposium on Fish Nutrition and Feeding, Attendee, Gangdong, China, 2010  
The 2009 International Exchange Seminar on the Effective Use of Marine Resources towards the Future Relationship between Japan and Turkey, Attendee, Tōkyō, Japan, 2009  
13th International Symposium on Fish Nutrition and Feeding, Attendee, Florianópolis, Brazil, 2008  
European Inland Fisheries Advisory Commission (EIFAC), Interactions Between Social, Economic and Ecological Objectives of Inland Commercial and Recreational Fisheries and Aquaculture, Attendee, Antalya, Turkey, 2008  
Su Ürünleri Yetiştiricilik Sahalarında Taşıma Kapasitesinin Belirlenmesi Çalıştayı, Attendee, Trabzon, Turkey, 2006

## Citations

Total Citations (WOS):36

h-index (WOS):4

## **Scholarships**

Yurtdışı Doktora Arařtırma Bursu, TUBITAK, 2008 - 2009