

## Prof. Dr. MERYEM BEKLİOĞLU

### Kişisel Bilgiler

İş Telefonu: [+90 312 210 5155](tel:+903122105155)

E-posta: [meryem@metu.edu.tr](mailto:meryem@metu.edu.tr)

Web: <http://limnology.bio.metu.edu.tr/>

Posta Adresi: ODTÜ Biyolojik Bilimler Bölümü 2.kat No:204

### Uluslararası Araştırmacı ID'leri

ScholarID: eYiaNJ8AAAAJ

ORCID: 0000-0003-2145-3941

Publons / Web Of Science ResearcherID: ABA-1630-2020

ScopusID: 6603923669

Yoksis Araştırmacı ID: 9609

### Eğitim Bilgileri

Doktora, University of Liverpool, Department Of Evolutionary Ecology, Birleşik Krallık 1991 - 1995

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, Türkiye 1989 - 1991

Lisans, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, Türkiye 1984 - 1988

### Yaptığı Tezler

Doktora, whole lake and mesocosms studies on the role of nutrients and zooplankton grazing in a system of shallow and deep lakes, University Of Liverpool, Department Of Evolutionary Ecology, 1995

Yüksek Lisans, Morphometric variation within and among species of glossina (Diptera, glossinidae), Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, 1991

### Araştırma Alanları

Yaşam Bilimleri, Çevre Biyolojisi, Hidrobiyoloji, Limnoloji, Tatlı Su Biyolojisi, Temel Bilimler

### Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, 2014 - Devam Ediyor

### Yönetilen Tezler

BEKLİOĞLU M., Combined effects of dissolved organic carbon and zooplankton grazing on phytoplankton community, Yüksek Lisans, M.METİN(Öğrenci), 2022

BEKLİOĞLU M., Using functional diversity components to describe phytoplankton community assembly processes in Turkish shallow lakes, Yüksek Lisans, V.ACAR(Öğrenci), 2022

BEKLİOĞLU M., Moğan ve Eymir sığ göllerinde hidroloji, evsel atık uzaklaştırılması ve balığın besin bütçesindeki rolü, Yüksek Lisans, B.Karapınar(Öğrenci), 2005

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Predicting daily net ecosystem production in shallow lakes from dissolved oxygen saturation levels: a pan-European mesocosm experiment and modelling approach**  
Cao Y., Scharfenberger U., Shatwell T., Adrian R., Agasild H., Angeler D. G., BEKLİOĞLU M., Çakıroğlu A. I., Hejzlar J., Papastergiadou E., et al.  
Hydrobiologia, cilt.852, sa.2, ss.471-487, 2025 (SCI-Expanded)
- II. **Quality matters: Response of bacteria and ciliates to different allochthonous dissolved organic matter sources as a pulsed disturbance in shallow lakes**  
YALÇIN G., Yıldız D., Calderó-Pascual M., Yetim S., Şahin Y., Parakatselaki M., Avcı F., Karakaya N., Ladoukakis E. D., Berger S. A., et al.  
The Science of the total environment, cilt.916, ss.170140, 2024 (SCI-Expanded)
- III. **Socio-economic or environmental benefits from pondscapes? Deriving stakeholder preferences using analytic hierarchy process and compositional data analysis**  
Vo H., Vracholi M., Frick F., Sauer J., Brucet Balmana S., Benejam Vidal L., Mehner T., Lemmens P., Oertli B., Boissezon A., et al.  
Journal of Environmental Management, cilt.342, 2023 (SCI-Expanded)
- IV. **Challenges and opportunities in the use of ponds and pondscapes as Nature-based Solutions**  
Cuenca-Cambronero M., Blicharska M., Perrin J., Davidson T., Oertli B., Lago M., BEKLİOĞLU M., Meerhoff M., Arim M., Teixeira J., et al.  
Hydrobiologia, cilt.850, sa.15, ss.3257-3271, 2023 (SCI-Expanded)
- V. **The Effects of Global Climate Change on Water Level and Salinity: Causes and Effects**  
Jeppesen E., BEKLİOĞLU M., Zadereev E.  
Water (Switzerland), cilt.15, sa.15, 2023 (SCI-Expanded)
- VI. **Mesocosm Design and Implementation of Two Synchronized Case Study Experiments to Determine the Impacts of Salinization and Climate Change on the Structure and Functioning of Shallow Lakes**  
ÖZKAN K., KORKMAZ M., Amorim C. A., Yılmaz G., Koru M., SEVERCAN Y. C., Pacheco J. P., Acar V., Çolak M. A., Yavuz G. C., et al.  
Water (Switzerland), cilt.15, sa.14, 2023 (SCI-Expanded)
- VII. **Fish Size Structure as an Indicator of Fish Diversity: A Study of 40 Lakes in Türkiye**  
Boll T., ERDOĞAN Ş., Aslan Bıçkı Ü., FİLİZ N., Özen A., Levi E. E., Brucet S., Jeppesen E., BEKLİOĞLU M.  
Water (Switzerland), cilt.15, sa.12, 2023 (SCI-Expanded)
- VIII. **Effects of Climate Change on the Habitat Suitability and Distribution of Endemic Freshwater Fish Species in Semi-Arid Central Anatolian Ecoregion in Türkiye**  
KORKMAZ M., MANGIT F., Dumlupınar İ., Çolak M. A., Akpınar M. B., Koru M., Pacheco J. P., Ramírez-García A., Yılmaz G., Amorim C. A., et al.  
Water (Switzerland), cilt.15, sa.8, 2023 (SCI-Expanded)
- IX. **Environmental variability in aquatic ecosystems: Avenues for future multifactorial experiments**  
Gerhard M., Koussoroplis A., Raatz M., Pansch C., Fey S. B., Vajedsamiei J., Caldero-Pascual M., Cunillera-Montcusi D., Juvigny-Khenafou N. P. D., Polazzo F., et al.  
LIMNOLOGY AND OCEANOGRAPHY LETTERS, cilt.8, sa.2, ss.247-266, 2023 (SCI-Expanded)
- X. **The importance of allochthonous organic matter quality when investigating pulse disturbance events in freshwater lakes: a mesocosm experiment**  
Caldero-Pascual M., Yıldız D., YALÇIN G., Metin M., Yetim S., Fiorentin C., Andersen M. R., Jennings E., Jeppesen E., Ger K. A., et al.  
HYDROBIOLOGIA, cilt.849, sa.17-18, ss.3905-3929, 2022 (SCI-Expanded)
- XI. **Effects of a microplastic mixture differ across trophic levels and taxa in a freshwater food web: In situ mesocosm experiment**  
Yıldız D., YALÇIN G., Jovanović B., Boukal D. S., Vebrová L., Riha D., Stanković J., Savić-Zdraković D., Metin M., Akyürek Y. N., et al.  
Science of the Total Environment, cilt.836, 2022 (SCI-Expanded)

- XII. **Freshwater salinisation: a research agenda for a saltier world**  
Cunillera-Montcusí D., BEKLİOĞLU M., Cañedo-Argüelles M., Jeppesen E., Ptacnik R., Amorim C., Arnott S. E., Berger S. A., Brucet S., Dugan H. A., et al.  
TRENDS IN ECOLOGY & EVOLUTION, cilt.37, sa.5, ss.440-453, 2022 (SCI-Expanded)
- XIII. **Increased Water Abstraction and Climate Change Have Substantial Effect on Morphometry, Salinity, and Biotic Communities in Lakes: Examples from the Semi-Arid Burdur Basin (Turkey)**  
Colak M. A., Oztas B., ÖZGENCİL İ. K., Soyluer M., Korkmaz M., Ramirez-Garcia A., Metin M., Yilmaz G., Ertugrul S., TAVŞANOĞLU Ü. N., et al.  
WATER, cilt.14, sa.8, 2022 (SCI-Expanded)
- XIV. **Decadal changes in size, salinity, waterbirds, and fish in lakes of the Konya Closed Basin, Turkey, associated with climate change and increasing water abstraction for agriculture**  
Yilmaz G., Colak M. A., Özgencil İ. K., Metin M., Korkmaz M., Ertugrul S., Soyluer M., Bucak T., Tavsanoglu U. N., Özkan K., et al.  
INLAND WATERS, cilt.11, sa.4, ss.538-555, 2021 (SCI-Expanded)
- XV. **Determinants of phytoplankton size structure in warm, shallow lakes**  
ERDOĞAN Ş., BEKLİOĞLU M., Litchman E., Miller E. T., Levi E. E., Bucak T., Tavşanoğlu Ü. N.  
Journal of Plankton Research, cilt.43, sa.3, ss.353-366, 2021 (SCI-Expanded)
- XVI. **Nutrient Loading, Temperature and Heat Wave Effects on Nutrients, Oxygen and Metabolism in Shallow Lake Mesocosms Pre-Adapted for 11 Years**  
Jeppesen E., Audet J., Davidson T. A., Neif E. M., Cao Y., Filiz N., Lauridsen T. L., Larsen S. E., BEKLİOĞLU M., Sh T., et al.  
WATER, cilt.13, sa.2, 2021 (SCI-Expanded)
- XVII. **Phytoplankton Community Response to Nutrients, Temperatures, and a Heat Wave in Shallow Lakes: An Experimental Approach**  
Filiz N., Iskin U., BEKLİOĞLU M., Oglu B., Cao Y., Davidson T. A., Sondergaard M., Lauridsen T. L., Jeppesen E.  
WATER, cilt.12, sa.12, 2020 (SCI-Expanded)
- XVIII. **Impact of Nutrients, Temperatures, and a Heat Wave on Zooplankton Community Structure: An Experimental Approach**  
Iskin U., Filiz N., Cao Y., Neif E. M., Oglu B., Lauridsen T. L., Davidson T. A., Sondergaard M., Tavsanoglu U. N., BEKLİOĞLU M., et al.  
WATER, cilt.12, sa.12, ss.1-19, 2020 (SCI-Expanded)
- XIX. **Impact of nutrients and water level changes on submerged macrophytes along a temperature gradient: A pan-European mesocosm experiment**  
Ersoy Z., Scharfenberger U., Baho D. L., Bucak T., Feldmann T., Hejzlar J., Levi E. E., Mahdy A., Noges T., Papastergiadou E., et al.  
GLOBAL CHANGE BIOLOGY, cilt.26, sa.12, ss.6831-6851, 2020 (SCI-Expanded)
- XX. **Changes in functional composition and diversity of waterbirds: The roles of water level and submerged macrophytes**  
Özgencil İ. K., Beklioğlu M., Özkan K., Tavşanoğlu Ç., Fattorini N.  
Freshwater Biology, cilt.65, sa.11, ss.1845-1857, 2020 (SCI-Expanded)
- XXI. **Impacts of multiple stressors on freshwater biota across spatial scales and ecosystems**  
Birk S., Chapman D., Carvalho L., Spears B. M., Andersen H. E., Argillier C., Auer S., Baattrup-Pedersen A., Banin L., BEKLİOĞLU M., et al.  
NATURE ECOLOGY & EVOLUTION, cilt.4, sa.8, ss.1060-1068, 2020 (SCI-Expanded)
- XXII. **Exposure to a microplastic mixture is altering the life traits and is causing deformities in the non-biting midge Chironomus riparius Meigen (1804)**  
Stankovic J., Milosevic D., Savic-Zdrakovic D., YALÇIN G., Yildiz D., BEKLİOĞLU M., Jovanovic B.  
ENVIRONMENTAL POLLUTION, cilt.262, 2020 (SCI-Expanded)
- XXIII. **The impact of climate change on a Mediterranean shallow lake: insights based on catchment and lake modelling**  
Coppens J., Trolle D., Jeppesen E., BEKLİOĞLU M.

- REGIONAL ENVIRONMENTAL CHANGE, cilt.20, sa.2, 2020 (SCI-Expanded)
- XXIV. **Brian Moss: the wizard of shallow lakes INTRODUCTION**  
Maberly S., Jeppesen E., Barker T., BEKLİOĞLU M., Carvalho L., He H., McGowan S., Meerhoff M., Nandini S., Sarma S. S., et al.  
INLAND WATERS, cilt.10, sa.2, ss.153-158, 2020 (SCI-Expanded)
- XXV. **Energy-based top-down and bottom-up relationships between fish community energy demand or production and phytoplankton across lakes at a continental scale**  
Bartrons M., Mehner T., Argillier C., BEKLİOĞLU M., Blabolil P., Hesthagen T., Sweden K. H., Jeppesen E., Krause T., Podgornik S., et al.  
LIMNOLOGY AND OCEANOGRAPHY, cilt.65, sa.4, ss.892-902, 2020 (SCI-Expanded)
- XXVI. **Influences of climate and nutrient enrichment on the multiple trophic levels of Turkish shallow lakes**  
Beklioğlu M., Bucak T., Levi E. E., Erdogan S., Ozen A., Filiz N., Bezirci G., Cakiroglu A. I., Tavsanoğlu U. N., Gökçe D., et al.  
INLAND WATERS, cilt.10, sa.2, ss.173-185, 2020 (SCI-Expanded)
- XXVII. **The future depends on what we do today - Projecting Europe's surface water quality into three different future scenarios**  
Mack L., Andersen H. E., BEKLİOĞLU M., Bucak T., Couture R., Cremona F., Teresa Ferreira M., Hutchins M. G., Mischke U., Molina-Navarro E., et al.  
SCIENCE OF THE TOTAL ENVIRONMENT, cilt.668, ss.470-484, 2019 (SCI-Expanded)
- XXVIII. **Effects of trophic status, water level, and temperature on shallow lake metabolism and metabolic balance: A standardized pan-European mesocosm experiment**  
Scharfenberger U., Jeppesen E., BEKLİOĞLU M., Sondergaard M., Angeler D. G., Cakiroglu A. I., Drakare S., Hejzlar J., Mandy A., Papastergiadou E., et al.  
LIMNOLOGY AND OCEANOGRAPHY, cilt.64, sa.2, ss.616-631, 2019 (SCI-Expanded)
- XXIX. **Snapshot Surveys for Lake Monitoring, More Than a Shot in the Dark**  
Mantzouki E., BEKLİOĞLU M., Brookes J. D., Domis L. N. d. S., Dugan H. A., Doubek J. P., Grossart H., Nejstgaard J. C., Pollard A. I., Ptacnik R., et al.  
FRONTIERS IN ECOLOGY AND EVOLUTION, cilt.6, 2018 (SCI-Expanded)
- XXX. **Data Descriptor: A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins**  
MANTZOUKÍ E., CAMPBELL J., van Loon E., VISSER P., KONSTANTINOÚ I., ANTONIOU M., GIULIANI G., MACHADO-VIEIRA D., de Oliveira A. G., Maronic D. S., et al.  
SCIENTIFIC DATA, cilt.5, 2018 (SCI-Expanded)
- XXXI. **Size diversity and species diversity relationships in fish assemblages of Western Palearctic lakes**  
Brucet S., Arranz I., Mehner T., Argillier C., BEKLİOĞLU M., Benejam L., Boll T., Holmgren K., Lauridsen T. L., Svenning J., et al.  
ECOLOGY AND EVOLUTION, cilt.41, sa.7, ss.1064-1076, 2018 (SCI-Expanded)
- XXXII. **Effects of warming and nutrients on the microbial food web in shallow lake mesocosms**  
Zingel P., Cremona F., Noges T., Cao Y., Neif E. M., Coppens J., Iskin U., Lauridsen T. L., Davidson T. A., Sondergaard M., et al.  
EUROPEAN JOURNAL OF PROTISTOLOGY, cilt.64, ss.1-12, 2018 (SCI-Expanded)
- XXXIII. **Modeling the effects of climatic and land use changes on phytoplankton and water quality of the largest Turkish freshwater lake: Lake Beyşehir**  
Bucak T., Trolle D., Tavsanoğlu U. N., Cakiroglu A. I., Ozen A., Jeppesen E., BEKLİOĞLU M.  
SCIENCE OF THE TOTAL ENVIRONMENT, cilt.621, ss.802-816, 2018 (SCI-Expanded)
- XXXIV. **Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins**  
MANTZOUKÍ E., LURLING M., FASTNER J., DOMIS L. d. S., WILK-WOZNIÁK E., KOREVIENE J., SEELEN L., TEURLINCX S., Verstijnen Y., KRZTON W., et al.  
TOXINS, cilt.10, sa.4, 2018 (SCI-Expanded)
- XXXV. **Non-native Fish Occurrence and Biomass in 1943 Western Palearctic Lakes and Reservoirs and their Abiotic and Biotic Correlates**

Trochine C., Brucet S., Argillier C., Arranz I., BEKLİOĞLU M., Benejam L., Ferreira T., Hesthagen T., Holmgren K., Jeppesen E., et al.  
ECOSYSTEMS, cilt.21, sa.3, ss.395-409, 2018 (SCI-Expanded)

XXXVI. **Patterns of microbial food webs in Mediterranean shallow lakes with contrasting nutrient levels and predation pressures**

ÖZEN A., Tavsanoğlu U. N., Cakiroğlu A. I., Levi E. E., Jeppesen E., BEKLİOĞLU M.  
HYDROBIOLOGIA, cilt.806, sa.1, ss.13-27, 2018 (SCI-Expanded)

XXXVII. **Size-based interactions across trophic levels in food webs of shallow Mediterranean lakes**

Brucet S., Tavsanoğlu U. N., Ozen A., Levi E. E., Bezirci G., Cakiroğlu A. I., Jeppesen E., Svenning J., Ersoy Z., BEKLİOĞLU M.  
FRESHWATER BIOLOGY, cilt.62, sa.11, ss.1819-1830, 2017 (SCI-Expanded)

XXXVIII. **Effects of nutrient and water level changes on the composition and size structure of zooplankton communities in shallow lakes under different climatic conditions: a pan-European mesocosm experiment**

Tavsanoğlu U. N., Sorf M., Stefanidis K., Brucet S., TÜRKAN S., Agasild H., Baho D. L., Scharfenberger U., Hejzlar J., Papastergiadou E., et al.  
AQUATIC ECOLOGY, cilt.51, sa.2, ss.257-273, 2017 (SCI-Expanded)

XXXIX. **Future water availability in the largest freshwater Mediterranean lake is at great risk as evidenced from simulations with the SWAT model**

Bucak T., Trolle D., Andersen H. E., Thodsen H., Erdogan S., Levi E. E., Filiz N., Jeppesen E., BEKLİOĞLU M.  
SCIENCE OF THE TOTAL ENVIRONMENT, cilt.581, ss.413-425, 2017 (SCI-Expanded)

XL. **Restoration of Eutrophic Lakes with Fluctuating Water Levels: A 20-Year Monitoring Study of Two Inter-Connected Lakes**

BEKLİOĞLU M., Bucak T., Coppens J., Bezirci G., Tavsanoğlu U. N., Cakiroğlu A. I., Levi E. E., Erdogan S., Filiz N., ÖZKAN K., et al.  
WATER, cilt.9, sa.2, 2017 (SCI-Expanded)

XLI. **Restoration of Eutrophic Lakes with Fluctuating Water Levels: A 20-Year Monitoring Study of Two Inter-Connected Lakes**

BEKLİOĞLU M., BUCAK T., COPPENS J., BEZİRCİ G., ÇAKIROĞLU A. İ., TAVŞANOĞLU Ü. N., LEVİ E. E., ERDOĞAN Ş., FİLİZ N., ÖZKAN K., et al.  
water, 2017 (SCI-Expanded)

XLII. **Inferring past environmental changes in three Turkish lakes from sub-fossil Cladocera**

Cakiroğlu A. I., Levi E. E., Tavsanoğlu U. N., Bezirci G., Erdogan S., Filiz N., Andersen T. J., Davidson T. A., Jeppesen E., BEKLİOĞLU M.  
HYDROBIOLOGIA, cilt.778, sa.1, ss.295-312, 2016 (SCI-Expanded)

XLIII. **The influence of nutrient loading, climate and water depth on nitrogen and phosphorus loss in shallow lakes: a pan-European mesocosm experiment**

Coppens J., Hejzlar J., Sorf M., Jeppesen E., Erdogan A., Scharfenberger U., Mahdy A., Noges P., Tuvikene A., Baho D. L., et al.  
HYDROBIOLOGIA, cilt.778, sa.1, ss.13-32, 2016 (SCI-Expanded)

XLIV. **Impact of alternating wet and dry periods on long term seasonal phosphorus and nitrogen budgets of two shallow Mediterranean lakes**

Coppens J., Özen A., Tavşanoğlu N., Erdoğan Ş., Levi E. E., Yozgatlıgil C., Jeppesen E., Beklioğlu M.  
Science Of The Total Environment, cilt.563, ss.456-467, 2016 (SCI-Expanded)

XLV. **Preface: Shallow lakes in a fast changing world**

BEKLİOĞLU M., Meerhoff M., Davidson T. A., Ger K. A., Havens K., Moss B.  
HYDROBIOLOGIA, cilt.778, sa.1, ss.9-11, 2016 (SCI-Expanded)

XLVI. **Impact of alternating wet and dry periods on long-term seasonal phosphorus and nitrogen budgets of two shallow Mediterranean lakes**

Coppens J., ÖZEN A., Tavsanoğlu U. N., Erdogan S., Levi E. E., Yozgatlıgil C., Jeppesen E., BEKLİOĞLU M.  
SCIENCE OF THE TOTAL ENVIRONMENT, cilt.563, ss.456-467, 2016 (SCI-Expanded)

- XLVII. **Multi-proxy palaeoecological responses to water-level fluctuations in three shallow Turkish lakes**  
Levi E. E., Bezirci G., Cakiroglu A. I., Turner S., Bennion H., Kernan M., Jeppesen E., BEKLİOĞLU M.  
PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY, cilt.449, ss.553-566, 2016 (SCI-Expanded)
- XLVIII. **Fish assemblage and diversity in lakes of western and central Turkey: role of geo-climatic and other environmental variables**  
Boll T., Levi E. E., Bezirci G., Ozulug M., Tavsanoglu U. N., Cakiroglu A. I., Ozcan S., Brucet S., Jeppesen E., BEKLİOĞLU M.  
HYDROBIOLOGIA, cilt.771, sa.1, ss.31-44, 2016 (SCI-Expanded)
- XLIX. **Food web effects of titanium dioxide nanoparticles in an outdoor freshwater mesocosm experiment**  
Jovanovic B., Bezirci G., Cagan A. S., Coppens J., Levi E. E., Oluz Z., Tuncel E., DURAN H., BEKLİOĞLU M.  
NANOTOXICOLOGY, cilt.10, sa.7, ss.902-912, 2016 (SCI-Expanded)
- L. **Size-based diel migration of zooplankton in Mediterranean shallow lakes assessed from in situ experiments with artificial plants**  
Tavsanoglu U. N., Brucet S., Levi E. E., Bucak T., Bezirci G., Ozen A., Johansson L. S., Jeppesen E., BEKLİOĞLU M.  
HYDROBIOLOGIA, cilt.753, sa.1, ss.47-59, 2015 (SCI-Expanded)
- LI. **Effects of water temperature on summer periphyton biomass in shallow lakes: a pan-European mesocosm experiment**  
Mahdy A., Hilt S., Filiz N., BEKLİOĞLU M., Hejzlar J., Ozkundakci D., Papastergiadou E., Scharfenberger U., Sorf M., Stefanidis K., et al.  
AQUATIC SCIENCES, cilt.77, sa.3, ss.499-510, 2015 (SCI-Expanded)
- LII. **Ecological impacts of global warming and water abstraction on lakes and reservoirs due to changes in water level and related changes in salinity**  
Jeppesen E., Brucet S., Naselli-Flores L., Papastergiadou E., Stefanidis K., Noges T., Noges P., Attayde J. L., Zohary T., Coppens J., et al.  
HYDROBIOLOGIA, cilt.750, sa.1, ss.201-227, 2015 (SCI-Expanded)
- LIII. **Factors influencing nitrogen processing in lakes: an experimental approach**  
Olsen S., Jeppesen, Jeppesen E., Moss B., Ozkan K., Beklioğlu M., Feuchtmayr H., Gonzalez Sagrario M., Wei, Wei L., Larsen S., Lauridsen T. S., et al.  
FRESHWATER BIOLOGY, cilt.60, ss.646-662, 2015 (SCI-Expanded)
- LIV. **Macroecological Patterns of Resilience Inferred from a Multinational, Synchronized Experiment**  
Baho D. L., Tavsanoglu U. N., Sorf M., Stefanidis K., Drakare S., Scharfenberger U., Agasild H., BEKLİOĞLU M., Hejzlar J., Adrian R., et al.  
SUSTAINABILITY, cilt.7, sa.2, ss.1142-1160, 2015 (SCI-Expanded)
- LV. **Managing aquatic ecosystems and water resources under multiple stress - An introduction to the MARS project**  
Hering D., Carvalho L., Argillier C., BEKLİOĞLU M., Borja A., Cardoso A. C., Duel H., Ferreira T., Globevnik L., Hanganu J., et al.  
SCIENCE OF THE TOTAL ENVIRONMENT, cilt.503, ss.10-21, 2015 (SCI-Expanded)
- LVI. **Temperature effects on body size of freshwater crustacean zooplankton from Greenland to the tropics**  
Havens K. E., Pinto-Coelho R. M., BEKLİOĞLU M., Christoffersen K. S., Jeppesen E., Lauridsen T. L., Mazumder A., Methot G., Alloul B. P., Tavsanoglu U. N., et al.  
HYDROBIOLOGIA, cilt.743, sa.1, ss.27-35, 2015 (SCI-Expanded)
- LVII. **Relatedness between contemporary and subfossil cladoceran assemblages in Turkish lakes**  
Cakiroglu A. I., Tavsanoglu U. N., Levi E. E., Davidson T. A., Bucak T., Ozen A., AKYILDIZ G. K., Jeppesen E., BEKLİOĞLU M.  
JOURNAL OF PALEOLIMNOLOGY, cilt.52, sa.4, ss.367-383, 2014 (SCI-Expanded)
- LVIII. **Water level and fish-mediated cascading effects on the microbial community in eutrophic warm shallow lakes: a mesocosm experiment**  
ÖZEN A., Bucak T., Tavsanoglu U. N., Cakiroglu A. I., Levi E. E., Coppens J., Jeppesen E., BEKLİOĞLU M.  
HYDROBIOLOGIA, cilt.740, sa.1, ss.25-35, 2014 (SCI-Expanded)

- LIX. **Similarity between contemporary vegetation and plant remains in the surface sediment in Mediterranean lakes**  
Levi E. E., Cakiroglu A. I., Bucak T., Odgaard B. V., Davidson T. A., Jeppesen E., BEKLİOĞLU M.  
FRESHWATER BIOLOGY, cilt.59, sa.4, ss.724-736, 2014 (SCI-Expanded)
- LX. **Climate change impacts on lakes: an integrated ecological perspective based on a multi-faceted approach, with special focus on shallow lakes**  
Jeppesen E., Meerhoff M., Davidson T. A., Trolle D., Sondergaard M., Lauridsen T. L., BEKLİOĞLU M., Brucet S., Volta P., Gonzalez-Bergonzoni I., et al.  
JOURNAL OF LIMNOLOGY, cilt.73, ss.88-111, 2014 (SCI-Expanded)
- LXI. **Long-term effects of warming and nutrients on microbes and other plankton in mesocosms**  
ÖZEN A., Sorf M., Trochine C., Liboriussen L., BEKLİOĞLU M., Sondergaard M., Lauridsen T. L., Johansson L. S., Jeppesen E.  
FRESHWATER BIOLOGY, cilt.58, sa.3, ss.483-493, 2013 (SCI-Expanded)
- LXII. **The influence of water level on macrophyte growth and trophic interactions in eutrophic Mediterranean shallow lakes: a mesocosm experiment with and without fish**  
Bucak T., Saraoglu E., Levi E., Tavsanoglu U. N., Cakiroglu A. I., Jeppesen E., BEKLİOĞLU M.  
FRESHWATER BIOLOGY, cilt.57, sa.8, ss.1631-1642, 2012 (SCI-Expanded)
- LXIII. **Sediments, not plants, offer the preferred refuge for Daphnia against fish predation in Mediterranean shallow lakes: an experimental demonstration**  
Tavsanoglu U. N., Cakiroglu A. I., Erdogan S., Meerhoff M., Jeppesen E., BEKLİOĞLU M.  
FRESHWATER BIOLOGY, cilt.57, sa.4, ss.795-802, 2012 (SCI-Expanded)
- LXIV. **Impacts of salinity and fish-exuded kairomone on the survival and macromolecular profile of Daphnia pulex**  
Bezirci G., AKKAŞ S. B., Rinke K., YILDIRIM F., Kalaylioglu Z. I., Severcan F., BEKLİOĞLU M.  
ECOTOXICOLOGY, cilt.21, sa.2, ss.601-614, 2012 (SCI-Expanded)
- LXV. **Environmental Warming in Shallow Lakes: A Review of Potential Changes in Community Structure as Evidenced from Space-for-Time Substitution Approaches**  
Meerhoff M., Teixeira-de Mello F., Kruk C., Alonso C., Gonzalez-Bergonzoni I., Pablo Pacheco J., Lacerot G., Arim M., Beklioglu M., Brucet S., et al.  
ADVANCES IN ECOLOGICAL RESEARCH, VOL 46: GLOBAL CHANGE IN MULTISPECIES SYSTEMS, PT 1, cilt.46, ss.259-349, 2012 (SCI-Expanded)
- LXVI. **Toward a protein profile of the zooplankton Daphnia pulex exposed to the pesticide cypermethrin, using ATR-FTIR spectroscopy as a novel method**  
AKKAŞ S. B., Severcan M., BEKLİOĞLU M., Severcan F.  
AMINO ACIDS, cilt.41, 2011 (SCI-Expanded)
- LXVII. **Structure and Function of World Shallow Lakes: Proceedings from the 6th Shallow Lakes Congress, Punta del Este, Uruguay, 23-28 November, 2008 - Preface**  
Meerhoff M., BEKLİOĞLU M., Burks R., Garcia-Rodriguez F., Mazzeo N., Moss B.  
HYDROBIOLOGIA, cilt.646, sa.1, ss.1-3, 2010 (SCI-Expanded)
- LXVIII. **Effects of 4-nonylphenol, fish predation and food availability on survival and life history traits of Daphnia magna straus**  
BEKLİOĞLU M., AKKAŞ S. B., Ozcan H. E., Bezirci G., Togan I.  
ECOTOXICOLOGY, cilt.19, sa.5, ss.901-910, 2010 (SCI-Expanded)
- LXIX. **Drought-induced changes in nutrient concentrations and retention in two shallow Mediterranean lakes subjected to different degrees of management**  
Ozen A., Karapinar B., Kucuk I., Jeppesen E., BEKLİOĞLU M.  
HYDROBIOLOGIA, cilt.646, sa.1, ss.61-72, 2010 (SCI-Expanded)
- LXX. **The response of periphyton and submerged macrophytes to nitrogen and phosphorus loading in shallow warm lakes: a mesocosm experiment**  
Özkan K., Jeppesen E., Johansson L. S., Beklioglu M.  
FRESHWATER BIOLOGY, cilt.55, sa.2, ss.463-475, 2010 (SCI-Expanded)

- LXXI. **Molecular approach to the chemical characterization of fish-exuded kairomone: a Fourier transform infrared spectroscopic study**  
AKKAŞ S. B., Kepenek A. O., BEKLİOĞLU M., Severcan F.  
AQUATIC SCIENCES, cilt.72, sa.1, ss.71-83, 2010 (SCI-Expanded)
- LXXII. **Climate Change Effects on Runoff, Catchment Phosphorus Loading and Lake Ecological State, and Potential Adaptations**  
Jeppesen E., Kronvang B., Meerhoff M., Sondergaard M., Hansen K. M., Andersen H. E., Lauridsen T. L., Liboriussen L., BEKLİOĞLU M., Ozen A., et al.  
JOURNAL OF ENVIRONMENTAL QUALITY, cilt.38, sa.5, ss.1930-1941, 2009 (SCI-Expanded)
- LXXIII. **Identification and mapping of submerged plants in a shallow lake using quickbird satellite data**  
Dogan O. K., AKYÜREK S. Z., BEKLİOĞLU M.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, cilt.90, sa.7, ss.2138-2143, 2009 (SCI-Expanded)
- LXXIV. **Impact of food concentration on diel vertical migration behaviour of *Daphnia pulex* under fish predation risk**  
Beklioğlu M., Gözen A. G., Yildirim F., Zorlu P., Önde S.  
HYDROBIOLOGIA, cilt.614, ss.321-327, 2008 (SCI-Expanded)
- LXXV. **Restoration of a shallow Mediterranean Lake by biomanipulation complicated by drought**  
BEKLİOĞLU M., Tan C. O.  
FUNDAMENTAL AND APPLIED LIMNOLOGY, cilt.171, sa.2, ss.105-118, 2008 (SCI-Expanded)
- LXXVI. **Use of blast furnace granulated slag as a substrate in vertical flow reed beds: Field application**  
Korkusuz E. A., Beklioglu M., Demirer G. N.  
BIORESOURCE TECHNOLOGY, cilt.98, sa.11, ss.2089-2101, 2007 (SCI-Expanded)
- LXXVII. **State of the art in the functioning of shallow Mediterranean lakes: workshop conclusions**  
Beklioglu M., Romo S., Kagalou I., Quintana X., Becares E.  
HYDROBIOLOGIA, cilt.584, ss.317-326, 2007 (SCI-Expanded)
- LXXVIII. **Fish and mucus-dwelling bacteria interact to produce a kairomone that induces diel vertical migration in *Daphnia***  
Beklioglu M., Telli M., Gozen A. G.  
FRESHWATER BIOLOGY, cilt.51, ss.2200-2206, 2006 (SCI-Expanded)
- LXXIX. **An impulsive ratio-dependent predator-prey system with diffusion**  
Akhmet M. U., Beklioglu M., Ergenc T., Tkachenko V. I.  
NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS, cilt.7, sa.5, ss.1255-1267, 2006 (SCI-Expanded)
- LXXX. **Water level control over submerged macrophyte development in five shallow lakes of Mediterranean Turkey**  
Beklioglu M., Altinayar G., Tan C. O.  
ARCHIV FÜR HYDROBIOLOGIE, cilt.166, sa.4, ss.535-556, 2006 (SCI-Expanded)
- LXXXI. **Modeling complex nonlinear responses of shallow lakes to fish and hydrology using artificial neural networks**  
Tan C. O., Beklioglu M.  
ECOLOGICAL MODELLING, cilt.196, ss.183-194, 2006 (SCI-Expanded)
- LXXXII. **Predictive models in ecology: Comparison of performances and assessment of applicability**  
Tan C. O., Ozesmi U., Beklioglu M., Per E., Kurt B.  
ECOLOGICAL INFORMATICS, cilt.1, sa.2, ss.195-211, 2006 (SCI-Expanded)
- LXXXIII. **Catastrophic-like shifts in shallow Turkish lakes: a modeling approach**  
Tan C., Beklioglu M.  
ECOLOGICAL MODELLING, cilt.183, sa.4, ss.425-434, 2005 (SCI-Expanded)
- LXXXIV. **Absence of typical diel vertical migration in *Daphnia*: varying role of water clarity, food, and dissolved oxygen in Lake Eymir, Turkey**  
Muluk C., Beklioglu M.  
HYDROBIOLOGIA, cilt.537, ss.125-133, 2005 (SCI-Expanded)
- LXXXV. **Effects of waterfowl, large fish and periphyton on the spring growth of *Potamogeton pectinatus* L. in**

## **Lake Mogan, Turkey**

Sandsten H., Beklioglu M., Ince O.

HYDROBIOLOGIA, cilt.537, ss.239-248, 2005 (SCI-Expanded)

- LXXXVI. **Comparison of the treatment performances of blast furnace slag-based and gravel-based vertical flow wetlands operated identically for domestic wastewater treatment in Turkey**

Korkusuz E., Beklioglu M., Demirer G.

ECOLOGICAL ENGINEERING, cilt.24, sa.3, ss.187-200, 2005 (SCI-Expanded)

- LXXXVII. **The role of water-level fluctuations in shallow lake ecosystems - workshop conclusions**

Coops H., Beklioglu M., Crisman T.

HYDROBIOLOGIA, cilt.506, ss.23-27, 2003 (SCI-Expanded)

- LXXXVIII. **A structurally dynamic modelling - Lake Mogan, Turkey as a case study**

Zhang J., Jorgensen S., Tan C., Beklioglu M.

ECOLOGICAL MODELLING, cilt.164, ss.103-120, 2003 (SCI-Expanded)

- LXXXIX. **Hysteresis in vegetation shift - Lake Mogan prognoses**

Zhang J., Jorgensen S., Beklioglu M., Ince O.

ECOLOGICAL MODELLING, cilt.164, ss.227-238, 2003 (SCI-Expanded)

- XC. **Restoration of the eutrophic Lake Eymir, Turkey, by biomanipulation after a major external nutrient control I**

Beklioglu M., Ince O., Tuzun I.

HYDROBIOLOGIA, cilt.490, ss.93-105, 2003 (SCI-Expanded)

- XCII. **Rapid recovery of a shallow hypertrophic lake following sewage effluent diversion: lack of chemical resilience**

Beklioglu M., Carvalho L., Moss B.

HYDROBIOLOGIA, cilt.412, ss.5-15, 1999 (SCI-Expanded)

- XCIII. **Vertically-challenged limnology; Contrasts between deep and shallow lakes**

Moss B., Beklioglu M., Carvalho L., Kilinc S., McGowan S., Stephen D.

HYDROBIOLOGIA, cilt.342, ss.257-267, 1997 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Restoration Project for a Degraded Urban Ecosystem in Gölbaşı Flats, Ankara. A Precarious Equilibrium**

Dolcerocca A., Acet D. B., BEKLİOĞLU M., Perrin J.

Ri-Vista, cilt.22, sa.1, ss.70-83, 2024 (ESCI)

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Interactive Effects of Salinity, Heatwaves and Nutrients on Phytoplankton biomass: a Mesocosm-based Experiment. (poster presentation, abstract no. 28, page 36)**

Coşkun T., Acar V., Arık İ. G., ÖZKAN K., BEKLİOĞLU M., Jeppesen E., Ajayan A., Chang M. S., Tsola S., Anoop K., et al.

3rd International Symposium on Aquatic Mesocosm-Based Research, 2023. Antalya, Türkiye, Türkiye, 01 Ocak 2024

- II. **Multi-stressor effects of salinity and heatwaves on zooplankton grazing in a synchronized mesocosm experiment.**

Hasnain S., BEKLİOĞLU M., ÖZKAN K., Jeppesen E., Amorim C. A., Yılmaz G., Koru M.

ASLO 2023, Palma de Mallorca (oral presentation, abstract no. 6332), Türkiye, 01 Ocak 2024

- III. **Interactive Effects of Salinity, Heatwaves and Nutrients on Phytoplankton biomass: a Mesocosmbased Experiment**

P Ajayan A., Alves Amorim C., COŞKUN T., Acar V., Chang M. S., Arık İ. G., L. Tsola S., Khrisnan A., ÖZKAN K.,

BEKLİOĞLU M., et al.

3rd International Symposium on Aquatic Mesocosm-Based Research, 7 - 10 Kasım 2023

- IV. **Periphyton in a changing world: unravelling the effects of global change stressors on freshwater periphyton in shallow lake mesocosms**  
Pacheco J. P., Aznarez C., Yu C., Liu Y., Levi E., KORKMAZ M., Alves Amorim C., ÖZKAN K., BEKLİOĞLU M., Battrup-Pedersen A., et al.  
3rd International Symposium on Aquatic Mesocosm-Based Research, 07 Kasım 2023
- V. **Effects of Rising Salinity on Phytoplankton Community Structure and Diversity: A Gradient Mesocosm Experiment**  
COŞKUN T., Alves Amorim C., KORKMAZ M., Yavuz G. C., Yılmaz G., Kuyumcu M., ÖZEN C., ÖZKAN K., BEKLİOĞLU M., Jeppesen E.  
3rd International Symposium on Aquatic Mesocosm-Based Research, 7 - 10 Kasım 2023
- VI. **Farklı Tuzluluklara Sahip Göllerde Mikroplastikler ve Bakteriyel Biyofilm Çeşitliliği: Ön Sonuçlar**  
GÖKDAĞ K., PEKMEZ T., AKCA G., KORKAZ M., PACHECO J. P., BAŞARAN KANKILIÇ G., ÇIRAK T., DEDE C., ÖZKAN K., BEKLİOĞLU M., et al.  
10. Ulusal Limnoloji Sempozyumu, Türkiye, 04 Eylül 2023
- VII. **Changes in waterbird community structure and functional diversity in shallow lakes: The role of water level and submerged macrophytes**  
ÖZGENCİL İ. K., BEKLİOĞLU M., ÖZKAN K., TAVŞANOĞLU Ç.  
12th European Ornithologists' Union Congress, Cluj-Napoca, Romanya, 26 - 30 Ağustos 2019, ss.159-160
- VIII. **EEBST 2019 – Ecology and Evolutionary Biology Symposium Turkey**  
ÖZGENCİL İ. K., BEKLİOĞLU M., ÖZKAN K., TAVŞANOĞLU Ç.  
Ecology and Evolutionary Biology Symposium Turkey 2019, Ankara, Türkiye, 10 - 12 Temmuz 2019, ss.20
- IX. **Correlations between the water levels of Lakes Beyşehir and Marmara with sunshine duration and time series of sunspot numbers**  
Yıldırım U., YILMAZ İ. Ö., BEKLİOĞLU M., AKINOĞLU B. G.  
7th GLOBALCONFERENCE on GLOBAL WARMING, İzmir, Türkiye, 24 - 26 Haziran 2018, ss.153-156
- X. **Responses from organisms to ecosystems: Impact of Land Use and Climate Change in Lakes**  
BEKLİOĞLU M.  
Ecology and Evolutionary Biology Symposium, 11 - 13 Temmuz 2017
- XI. **Response of phytoplankton and zooplankton communities to extreme temperature and nutrient stressors: a mesocosm experiment**  
Filiz N., Işkın U., Jeppesen E., Yu C., Neif E., Coppens J., Davidson T., BEKLİOĞLU M., Sondergaard M., Lauridsen T. L.  
Symposium For European Freshwater Science, 2 - 07 Temmuz 2017
- XII. **Assessment of changes in metabolism of Lake Eymir with environmental variables using automated high frequency data**  
Duygu T., Çağan A. S., KARAKAYA N., EVRENDİLEK F., BEKLİOĞLU M.  
SEFS Symposium for European Freshwater Science, 2 - 07 Temmuz 2017
- XIII. **Do changes in climate and land use pose a risk to the future water availability of Mediterranean Lakes**  
Bucak T., Trolle D., Andersen H., Todsén H., ERDOĞAN Ş., Levi E., Filiz N., Jeppesen E., BEKLİOĞLU M.  
AGU FALL MEETING, San-Francisco, Kostarika, 12 - 16 Aralık 2016
- XIV. **Investigation of zooplankton community and size structure in different nutrient and water level among latitudinal gradient a mesocosm experiment**  
Tavşanoğlu Ü. N., Sorf M., Kostantinos S., Brucet S., Agasild H., Baho D., Scharfenberg U., BEKLİOĞLU M., Hejzlar J., Papatergiadou E., et al.  
3rd Ecology and Evolutionary Biology Symposium, Turkey, 2016, 31 Ağustos - 01 Eylül 2016
- XV. **Modelling Future Ecosystem Services of Lake Beyşehir**  
Bucak T., Trolle D., ERDOĞAN Ş., Çakroğlu A. İ., Tavşanoğlu N., Bezirci G., BEKLİOĞLU M.  
3rd Ecology and Evolutionary Biology Symposium, Turkey, 2016, 31 Ağustos - 01 Eylül 2016
- XVI. **Inferring conductivity and eutrophication in Turkish shallow lakes by using subfossil Diatoms**

- Bezirci G., Sayer C., Levi E., Çakıroğlu İ., Bennion H., BEKLİOĞLU M.  
3rd Ecology and Evolutionary Biology Symposium, Turkey, 2016, 31 Ağustos - 01 Eylül 2016
- XVII. **How phytoplankton community response to extreme temperature and nutrient stressors using a heated mesocosm experiment**  
Filiz N., Jeppesen E., Cao Y., Neif E., Coppens J., Davidson T., Sondergaard M., Lauridsen T., BEKLİOĞLU M.  
3rd Ecology and Evolutionary Biology Symposium, Turkey, 2016, 31 Ağustos - 01 Eylül 2016
- XVIII. **Restoration of eutrophication in drought-stricken lakes in the Mediterranean climatic region: a system of heavily eutrophic and relatively controlled lakes**  
BEKLİOĞLU M., ERDOĞAN Ş., ÖZEN A., Tavşanoğlu N., Coppens J., Levi E., Bucak T., Bezirci G., Çakıroğlu İ.  
SIL 2016 Science for sustainable freshwater use, 31 Temmuz - 05 Ağustos 2016
- XIX. **Contribution of non-native species to fish communities in 1940 European lakes: geographical distribution, predictors of occurrence and proportions in community abundance and biomass**  
Mehner T., Trochine C., Argillier C., Arranz İ., BEKLİOĞLU M., Benajan L., Ferraira T., Hesthagen T., Holmgren K., Jeppesen E., et al.  
SIL 2016, Torino, İtalya, 31 Temmuz - 05 Ağustos 2016
- XX. **Impact of extreme climatic events on metabolism of Lake Eymir using real time automatic lake observation station**  
Duygu T., Çağan A. S., Ögel R. D., KARAKAYA N., BEKLİOĞLU M.  
SIL 2016: Science for sustainable freshwater use, TORİNO, İtalya, 31 Temmuz - 05 Ağustos 2016
- XXI. **How the phytoplankton community in shallow lakes with contrasting temperatures and nutrient levels respond to a heatwave: a mesocosm experiment**  
Filiz N., Jeppesen E., Cao Y., Erika N., Coppens J., Davidson T., Sondergaard M., Lauridsen T., BEKLİOĞLU M.  
SIL 2016, 31 Temmuz - 05 Ağustos 2016
- XXII. **Impact of heat waves along with nutrient enrichment on zooplankton community structure: mesocosms approach**  
Işkın U., Tavşanoğlu N., Filiz N., Jeppesen E., BEKLİOĞLU M., Cao Y., Neif E., Lauridsen T., Davidson T., Sondergaard M.  
SIL 2016, Torino, İtalya, 31 Temmuz - 05 Ağustos 2016
- XXIII. **How does climate change affect the response of cyanobacteria to nutrients**  
Carvalho L., Thackeray S., Adrian R., Anneville O., BEKLİOĞLU M., Cromie H., ERDOĞAN Ş., Jarvinen M., Maberly S., McElanery Y., et al.  
SIL 2016 Science for sustainable freshwater use, Torino, İtalya, 31 Temmuz - 05 Ağustos 2016
- XXIV. **Comparison of recent past and present states of Turkish shallow lakes by using Cladocera sub-fossil remainings**  
Sual S., Çakıroğlu İ., Levi E., Bezirci G., BEKLİOĞLU M.  
3rd Ecology and Evolutionary Biology Symposium, Turkey, 2016, 31 Ağustos - 01 Eylül 2016
- XXV. **Determinants of phytoplankton size structure in warm shallow lakes**  
ERDOĞAN Ş., Litchman E., Miller E., Tavşanoğlu Ü. N., BEKLİOĞLU M.  
3rd Ecology and Evolutionary Biology Symposium, Turkey, 2016, 31 Ağustos - 01 Eylül 2016
- XXVI. **Assessing the impact of environmental variables together with a short extreme wind event on metabolism: Lake Eymir using high frequency data**  
Duygu T., KARAKAYA N., Çağan A. S., Ögel R. D., EVRENDİLEK F., BEKLİOĞLU M.  
3rd Ecology and Evolutionary Biology Symposium, Turkey, 2016, 31 Ağustos - 01 Eylül 2016
- XXVII. **Zooplankton community structure under the impact of heat waves and nutrient enrichment: A mesocosms approach**  
Işkın U., Tavşanoğlu N., Filiz N., Jeppesen E., BEKLİOĞLU M., Cao Y., Neif E., Lauridsen T., Davidson T., Sondergaard M.  
3rd Ecology and Evolutionary Biology Symposium, Turkey, 2016, 31 Ağustos - 01 Eylül 2016
- XXVIII. **Roles of climate through hydrology and nutrient enrichment on Ecology of Mediterranean Shallow lakes of Turkey using multiple approaches**  
BEKLİOĞLU M., Tavşanoğlu N., Çakıroğlu İ., Levi E., ERDOĞAN Ş., Bucak T., ÖZKAN K., ÖZEN A., Brucet S., Jeppesen E.

9th Symposium for European Freshwater Sciences 2015, Geneva, 5 - 10 Temmuz 2015

- XXIX. **Impact of climate change on the hydrological and nutrient balance of a shallow Mediterranean lake using catchment and lake modelling approaches**  
Coppens J., Bucak T., Tavşanoğlu N., Trolle D., BEKLİOĞLU M.  
ASLO Aquatic Sciences Meeting, Granada, Nikaragua, 22 - 27 Şubat 2015
- XXX. **Temperature drives the relationship between species and size diversity in lake fish communities**  
Brucet S., BEKLİOĞLU M., Mehner T., Svenning J., Thomas B., Bennejam I., Christine A., Holmgren K., Ian W.  
ASLO 2015 Aquatic Sciences Meeting: AquaticSciences:Global And Regional Perspectives—North Meets South, Granada, Nikaragua, 22 - 27 Şubat 2015
- XXXI. **A Novel Approach to Aquatic Ecotoxicology Applications of FTIR Spectroscopy**  
AKKAŞ S. B., ÇAKMAK G., BEKLİOĞLU YERLİ M., SEVERCAN F.  
FT-IR Meeting in Berlin 2013: FT-IR Spectroscopy in Microbiological and Medical Diagnostics, 24 - 25 Ekim 2013
- XXXII. **Ülkemiz sulakalanlarında insan kullanımı kaynaklı ötrofikasyon ve iklim değişiminin etkileri ve koruma önlemleri.**  
BEKLİOĞLU M., Tavşanoğlu Ü. N., Çakıroğlu A. İ., Bucak t., ÖZKAN K.  
3. Ulusal Sulakalanlar Kongresi, Turkey, 23 Ekim 2013
- XXXIII. **İklim Değişiminin Sığ Göllerin Yapı ve İşlevleri Üzerindeki Etkileri Zaman Yerine Mekan Yaklaşımı**  
YAZGAN TAVŞANOĞLU Ü. N., Çakıroğlu A. İ., Levi E. E., ÖZEN A., Bucak T., Bezirci G., Oğuzkurt D., ÖZKAN K., Jeppesen E., BEKLİOĞLU YERLİ M.  
5. Ulusal Limnoloji Sempozyumu, Türkiye, 27 - 29 Ağustos 2012
- XXXIV. **İklim değişiminin sığ göllerin yapı ve işlevleri üzerindeki etkileri: zaman yerine mekan yaklaşımı.**  
ÖZKAN K., BEKLİOĞLU M., Jeppesen E., Çakıroğlu A. İ., Bucak t., Tavşanoğlu Ü. N.  
V National Limnology Meeting, Turkey, 26 - 29 Ağustos 2012
- XXXV. **Toward a protein profile of the zooplankton Daphnia pulex exposed to the pesticide cypermethrin using ATR FTIR spectroscopy as a novel method**  
AKKAŞ S. B., Severcan M., BEKLİOĞLU YERLİ M., SEVERCAN F.  
12th International Congress on Amino Acids, Peptides and Proteins (ICAAP 2011), 1 - 05 Ağustos 2011
- XXXVI. **Non native Fish Species in 30 Shallow Lakes Located from North to South of Turkey**  
YAZGAN TAVŞANOĞLU Ü. N., Çakıroğlu A. İ., Levi E. E., ÖZEN A., ÖZKAN K., Oğuzkurt D., Bucak T., Bezirci G., Jeppesen E., BEKLİOĞLU YERLİ M.  
New approaches for assessing the impacts of non-native freshwater fishes in the Mediterranean Region, 26 - 29 Ekim 2010
- XXXVII. **Preliminary Study on Native & Non-native Fish Species Community in Shallow Lakes of Turkey.**  
Tavşanoğlu Ü. N., Bucak t., Jeppesen E., BEKLİOĞLU M., ÖZKAN K.  
International workshop on new approaches for assessing the impacts of non-native freshwater fishes in the Mediterranean region, Turkey, 01 Ocak 2010
- XXXVIII. **Role of nutrients and climate on functioning of Turkish shallow lakes.**  
BEKLİOĞLU M., Jeppesen E., Çakıroğlu A. İ., Tavşanoğlu Ü. N., ÖZKAN K.  
The 6th Symposium for European Freshwater Sciences, Romania, 17 Ağustos 2009
- XXXIX. **Hamam Gölü, Poyrazlar Gölü, Abant Gölü ve Yedigöller Büyük Göl balıklarının sindirim sistemi içeriği üzerine bir çalışma.**  
BEKLİOĞLU M., Çakıroğlu A. İ., ŞEKERYAPAN C., Oğuzkurt D., ÖZKAN K.  
15. Ulusal Su Ürünleri Sempozyumu, 01 Temmuz 2009
- XL. **Enlemsel değişimde Türkiye'deki sığ göllerin ekolojik yapı ve işlevleri: zaman yerine mekan yaklaşımı**  
ÖZKAN K., BEKLİOĞLU M., Jeppesen E., Tavşanoğlu Ü. N., Çakıroğlu A. İ.  
2. Türkiye Jeoloji Kurultayı, Türkiye, 01 Ocak 2009
- XLI. **Ülkemiz sığ göllerinin ekolojik yapısında besin tuzu ve iklimin etkisinin zaman yerine mekan yaklaşımıyla belirlenmesi.**  
BEKLİOĞLU M., Tavşanoğlu Ü. N., Bucak t., Jeppesen E., ÖZKAN K., Çakıroğlu A. İ.  
9. Ulusal Ekoloji ve Çevre Kongresi, Türkiye, 01 Ocak 2009

- XLII. **The response of periphyton and submerged macrophyte development to increasing nitrogen availability at two moderate phosphorus loadings in a mesocosm experiment.**  
ÖZKAN K., Jeppesen E., BEKLİOĞLU M.  
VI. Shallow Lakes Conference, Uruguay, 23 Kasım 2008
- XLIII. **Role of nutrients and climate on functioning of the Turkish shallow lakes using space for time substitute approach**  
BEKLİOĞLU M., Çakıroğlu A. İ., Tavşanoğlu Ü. N., Jeppesen E., ÖZKAN K.  
VI. Shallow Lakes Conference, Uruguay, 23 Kasım 2008
- XLIV. **Sığ ve derin göllerde besin ağının karbon ve azot kalıcı izotopları kullanarak belirlenmesi.**  
BEKLİOĞLU M., Çakıroğlu A. İ., ÖZKAN K., Jeppesen E.  
3. Ulusal Limnoloji Sempozyumu, Türkiye, 27 - 29 Ağustos 2008
- XLV. **Tuzluluğun ve balık avlanma baskısının Daphnia pulex in hayatta kalma oranı ve yaşam döngüsü parametreleri üzerindeki etkileri**  
Bezirci G., AKKAŞ S. B., YILDIRIM F., SEVERCAN F., BEKLİOĞLU YERLİ M.  
III. Ulusal Limnoloji Sempozyumu, Türkiye, 27 - 29 Ağustos 2008
- XLVI. **Orta ve yüksek miktarlardaki fosfor yoğunluğunda artan azot yoğunluğunun suiçi bitki gelişimindeki rolünün mezokozm deneyi ile belirlenmesi**  
ÖZKAN K., Jeppesen E., BEKLİOĞLU M.  
3. Ulusal Limnoloji Sempozyumu, Türkiye, 27 Ağustos 2008
- XLVII. **Ülkemiz sığ göllerin ekolojik yapısında ötrofikasyon ve iklim değişiminin olası rolleri.**  
BEKLİOĞLU M., Çakıroğlu A. İ., ÖZKAN K., Tavşanoğlu Ü. N.  
3. Ulusal Limnoloji Sempozyumu, Türkiye, 27 Ağustos 2008
- XLVIII. **Past to present and to future: Ecology of Turkish Shallow lakes.**  
BEKLİOĞLU M., Çakıroğlu A. İ., Tavşanoğlu Ü. N., Jeppesen E., ÖZKAN K.  
International Paleoclimatology Workshop, Türkiye, 01 Ocak 2008
- XLIX. **Effects of salinity and fish predation on Daphnia pulex life history traits**  
Bezirci G., AKKAŞ S. B., BEKLİOĞLU YERLİ M., YILDIRIM F.  
5th Symposium for European Freshwater Sciences (SEFS 5), 8 - 13 Temmuz 2007
- L. **Impact of pesticide Cypermethrin and fish kairomone on the life history traits of Daphnia pulex**  
AKKAŞ S. B., Bezirci G., BEKLİOĞLU YERLİ M.  
5th Symposium for European Freshwater Sciences (SEFS 5), 8 - 13 Temmuz 2007
- LI. **Sipermetrin ve balık sinyalinin Daphnia pulex in morfolojik ve populasyon parametreleri üzerindeki etkileri**  
AKKAŞ S. B., Ülkü Nihan T., BEKLİOĞLU YERLİ M.  
XVIII. Ulusal Biyoloji Kongresi, Türkiye, 26 - 30 Haziran 2006
- LII. **Impact of pesticide and fish kairomone on the life history traits of Daphnia using molecular and ecological approaches**  
AKKAŞ S. B., BEKLİOĞLU YERLİ M., SEVERCAN F.  
VII. International Symposium on Cladocera (Cladocera-2005), 3 - 09 Eylül 2005
- LIII. **Balık sinyalinin Fourier Transform Infrared spektroskopisi ile araştırılması**  
AKKAŞ S. B., TÜRKER S., Zorlu P., BEKLİOĞLU YERLİ M., SEVERCAN F.  
XVI. Ulusal Biyoloji Kongresi, Türkiye, 4 - 07 Eylül 2002
- LIV. **Does biomanipulation work for warm-temperate lakes? first case study in an eutrophic Turkish lake**  
Beklioglu M.  
NATO Advanced Research Workshop on the Issyk-Kul Lake, CHOLPON ATA, Kırgızistan, 25 - 28 Eylül 2000, cilt.13, ss.207-215

## Desteklenen Projeler

BEKLİOĞLU M., AVCI F., Yükseköğretim Kurumları Destekli Proje, IMPACT OF NUTRIENT CONTENT AND ZOOPLANKTON

COMMUNITY STRUCTURE ON METHANE EMISSION FROM URBAN PONDS IN ANKARA, 2022 - 2023

BEKLİOĞLU M., AUDET J., DAVIDSON T. A., KARAKAYA N., ÖZKAN K., JEPPESEN E., YILMAZ G., Yükseköğretim Kurumları Destekli Proje, Understanding the complex interaction of salinization and eutrophication on Green House Gas emissions of Anatolian inland waters, 2021 - 2023

BEKLİOĞLU M., METİN M., Yükseköğretim Kurumları Destekli Proje, COMBINED EFFECTS OF DISSOLVED ORGANIC CARBON AND ZOOPLANKTON GRAZING ON PHYTOPLANKTON COMMUNITY, 2021 - 2022

Beklioğlu M., Yalçın G., AB Destekli Diğer Projeler, Network of Leading European AQUATIC MesoCOSM Facilities Connecting Mountains to Oceans from the Arctic to the Mediterranean, 2017 - 2020

BEKLİOĞLU M., TÜBİTAK Uluslararası İkili İşbirliği Projesi, Gerçek Zamanlı Otomatik Göl İzleme Sistemi ile Göl Metabolizması ve Fitoplankton Biyokütlesinin Uç Olaylar ve Çevresel Değişkenlere Göre Değişiminin Araştırılması, 2015 - 2018

BEKLİOĞLU M., AB Destekli Diğer Projeler, Managing Aquatic ecosystems and water Resources under multiple Stress, 2014 - 2018

BEKLİOĞLU M., Yükseköğretim Kurumları Destekli Proje, GÖL SADİMANLARINDAKİ CLADOCERA SUBFOSİLLERİ KULLANILARAK YAKIN GEÇMİŞTEN GÜNÜMÜZE CLADOCERA TÜRLERİNİN DAĞILINDAKİ DEĞİŞİMLERİN BELİRLENMESİ VE OLASI NEDENLERİN DEĞERLENSİRİLMESİ, 2017 - 2017

## **Bilimsel Dergilerdeki Faaliyetler**

Turkish Journal of Zoology, Danışma Kurul Üyesi, 2018 - Devam Ediyor

Limnology And Oceanography, Editörler Kurulu Üyesi, 2016 - Devam Ediyor

## **Bilimsel Kuruluşlardaki Üyelikler / Görevler**

Association for the Sciences of Limnology and Oceanography, Üye, 2021 - Devam Ediyor , Amerika Birleşik Devletleri International Society of Limnology, Ülke Temsilcisi, 2021 - Devam Ediyor , Almanya

## **Bilimsel Hakemlikler**

THE SCIENCE OF THE TOTAL ENVIRONMENT AN INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH INTO THE ENVIRONMENT AND ITS RELATIONSHIP WITH MAN, SCI Kapsamındaki Dergi, Mart 2022

WATER RESEARCH, SCI Kapsamındaki Dergi, Temmuz 2021

FRESHWATER BIOLOGY, SCI Kapsamındaki Dergi, Temmuz 2021

WATER RESEARCH, SCI Kapsamındaki Dergi, Mayıs 2021

GLOBAL CHANGE BIOLOGY, SCI Kapsamındaki Dergi, Nisan 2021

GLOBAL CHANGE BIOLOGY, SCI Kapsamındaki Dergi, Şubat 2021

THE SCIENCE OF THE TOTAL ENVIRONMENT AN INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH INTO THE ENVIRONMENT AND ITS RELATIONSHIP WITH MAN, SCI Kapsamındaki Dergi, Şubat 2021

HYDROBIOLOGIA, SCI Kapsamındaki Dergi, Ocak 2021

## **Bilimsel Danışmanlıklar**

Parlar Vakfı , Kurum veya Organizasyonlar İçin Yapılan Danışmanlık, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, Türkiye, 2015 - Devam Ediyor

TEMA, Kurum veya Organizasyonlar İçin Yapılan Danışmanlık, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, Türkiye, 2015 - Devam Ediyor

## **Metrikler**

Yayın: 157

Atıf (WoS): 3850

Atıf (Scopus): 3038

H-İndeks (WoS): 29

H-İndeks (Scopus): 27

## **Akademi Dışı Deneyim**

METU

METU

METU

METU

METU