

Prof. Dr. MERYEM BEKLİOĞLU

Kişisel Bilgiler

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

E-posta: 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

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

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Quality matters: Response of bacteria and ciliates to different allochthonous dissolved organic matter sources as a pulsed disturbance in shallow lakes**
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- II. **Socio-economic or environmental benefits from pondscapes? Deriving stakeholder preferences using analytic hierarchy process and compositional data analysis**
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- III. **Challenges and opportunities in the use of ponds and pondscapes as Nature-based Solutions**
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- IV. **The Effects of Global Climate Change on Water Level and Salinity: Causes and Effects**
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- V. **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**
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- VI. **Fish Size Structure as an Indicator of Fish Diversity: A Study of 40 Lakes in Türkiye**
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- VII. **Environmental variability in aquatic ecosystems: Avenues for future multifactorial experiments**
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- VIII. **Effects of Climate Change on the Habitat Suitability and Distribution of Endemic Freshwater Fish Species in Semi-Arid Central Anatolian Ecoregion in Türkiye**
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- IX. **The importance of allochthonous organic matter quality when investigating pulse disturbance events in freshwater lakes: a mesocosm experiment**
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- X. **Effects of a microplastic mixture differ across trophic levels and taxa in a freshwater food web: In situ mesocosm experiment**
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- XI. **Freshwater salinisation: a research agenda for a saltier world**
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- XII. **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)

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- XIII. **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**
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- XIV. **Determinants of phytoplankton size structure in warm, shallow lakes**
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- XV. **Nutrient Loading, Temperature and Heat Wave Effects on Nutrients, Oxygen and Metabolism in Shallow Lake Mesocosms Pre-Adapted for 11 Years**
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- XVI. **Impact of nutrients and water level changes on submerged macrophytes along a temperature gradient: A pan-European mesocosm experiment**
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- XVII. **Impact of Nutrients, Temperatures, and a Heat Wave on Zooplankton Community Structure: An Experimental Approach**
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- XVIII. **Phytoplankton Community Response to Nutrients, Temperatures, and a Heat Wave in Shallow Lakes: An Experimental Approach**
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- XIX. **Changes in functional composition and diversity of waterbirds: The roles of water level and submerged macrophytes**
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- XX. **Impacts of multiple stressors on freshwater biota across spatial scales and ecosystems**
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- XXI. **Exposure to a microplastic mixture is altering the life traits and is causing deformities in the non-biting midge Chironomus riparius Meigen (1804)**
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- XXII. **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.
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- XXIII. **Influences of climate and nutrient enrichment on the multiple trophic levels of Turkish shallow lakes**
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- XXIV. **Energy-based top-down and bottom-up relationships between fish community energy demand or production and phytoplankton across lakes at a continental scale**
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- XXV. **Brian Moss: the wizard of shallow lakes INTRODUCTION**
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- XXVI. **The future depends on what we do today - Projecting Europe's surface water quality into three different future scenarios**
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- XXVII. **Effects of trophic status, water level, and temperature on shallow lake metabolism and metabolic balance: A standardized pan-European mesocosm experiment**
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- XXVIII. **Snapshot Surveys for Lake Monitoring, More Than a Shot in the Dark**
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- XXIX. **Data Descriptor: A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins**
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- XXX. **Size diversity and species diversity relationships in fish assemblages of Western Palearctic lakes**
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- XXXI. **Effects of warming and nutrients on the microbial food web in shallow lake mesocosms**
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- XXXII. **Modeling the effects of climatic and land use changes on phytoplankton and water quality of the largest Turkish freshwater lake: Lake Beyşehir**
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- XXXIII. **Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins**
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- XXXV. **Patterns of microbial food webs in Mediterranean shallow lakes with contrasting nutrient levels and predation pressures**

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- XXXVI. **Size-based interactions across trophic levels in food webs of shallow Mediterranean lakes**
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- XXXVII. **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**
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- XXXVIII. **Future water availability in the largest freshwater Mediterranean lake is at great risk as evidenced from simulations with the SWAT model**
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- XXXIX. **Restoration of Eutrophic Lakes with Fluctuating Water Levels: A 20-Year Monitoring Study of Two Inter-Connected Lakes**
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- XLI. **Impact of alternating wet and dry periods on long-term seasonal phosphorus and nitrogen budgets of two shallow Mediterranean lakes**
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- XLIII. **Preface: Shallow lakes in a fast changing world**
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- XLIV. **The influence of nutrient loading, climate and water depth on nitrogen and phosphorus loss in shallow lakes: a pan-European mesocosm experiment**
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- XLV. **Inferring past environmental changes in three Turkish lakes from sub-fossil Cladocera**
Cakiroglu A. I., Levi E. E., Tavsanoglu U. N., Bezirci G., Erdogan S., Filiz N., Andersen T. J., Davidson T. A., Jeppesen E., BEKLİOĞLU M.
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- XLVII. Multi-proxy palaeoecological responses to water-level fluctuations in three shallow Turkish lakes**
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- XLVIII. Food web effects of titanium dioxide nanoparticles in an outdoor freshwater mesocosm experiment**
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- XLIX. Effects of water temperature on summer periphyton biomass in shallow lakes: a pan-European mesocosm experiment**
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- L. Size-based diel migration of zooplankton in Mediterranean shallow lakes assessed from in situ experiments with artificial plants**
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- LI. Ecological impacts of global warming and water abstraction on lakes and reservoirs due to changes in water level and related changes in salinity**
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- LII. Factors influencing nitrogen processing in lakes: an experimental approach**
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- LIII. Macroecological Patterns of Resilience Inferred from a Multinational, Synchronized Experiment**
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- LIV. Managing aquatic ecosystems and water resources under multiple stress - An introduction to the MARS project**
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- LV. Temperature effects on body size of freshwater crustacean zooplankton from Greenland to the tropics**
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- LVI. Relatedness between contemporary and subfossil cladoceran assemblages in Turkish lakes**
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- LVIII. Similarity between contemporary vegetation and plant remains in the surface sediment in Mediterranean lakes**
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- LIX. Climate change impacts on lakes: an integrated ecological perspective based on a multi-faceted**

approach, with special focus on shallow lakes

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