

Prof. MERYEM BEKLİOĞLU

Personal Information

Office Phone: [+90 312 210 5155](tel:+903122105155)

Email: meryem@metu.edu.tr

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

Address: ODTÜ Biyolojik Bilimler Bölümü 2.kat No:204

Education Information

Doctorate, University of Liverpool, Department Of Evolutionary Ecology, United Kingdom 1991 - 1995

Postgraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 1989 - 1991

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 1984 - 1988

Dissertations

Doctorate, 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

Postgraduate, Morphometric variation within and among species of glossina (Diptera, glossinidae), Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 1991

Research Areas

Life Sciences, Environmental Biology, Hydrobiology, Limnology, Fresh-Water Biology, Natural Sciences

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, 2014 - Continues

Advising Theses

BEKLİOĞLU M., Impacts of extreme meteorological events on metabolism of Lake Eymir using high frequency automated lake observation station, Postgraduate, D.TOLUNAY(Student), 2018

BEKLİOĞLU M., Tracking the recent historical changes in Turkish shallow lakes based on a palaeolimnological approach using diatoms, Doctorate, G.BEZİRCİ(Student), 2017

ALPAS H., BEKLİOĞLU M., Dietary pattern-induced greenhouse gas emission and water footprint estimations in Turkey, Postgraduate, D.BAŞOĞLU(Student), 2017

BEKLİOĞLU M., ÖZKAN K., Elucidating the patterns in mid-winter waterbird surveys by using climate, lake water level changes and macrophyte records, Postgraduate, İ.KAAN(Student), 2017

BEKLİOĞLU M., The impacts of climate change and land use on the ecosystem structure and services of Lake Beyşehir, Doctorate, T.BUCAK(Student), 2017

BEKLİOĞLU M., Impacts of eutrophication and water level change in Turkish shallow lakes: A palaeolimnological

approach utilizing plant remains and marker pigments, Doctorate, E.ESTER(Student), 2016

BEKLİOĞLU M., Impacts of eutrophication and climate change on phytoplankton community structure, size diversity, and phytoplankton based ecological status, Doctorate, Ş.ERDOĞAN(Student), 2016

BEKLİOĞLU M., The role of hydraulic loading and nutrients in the ecology of mediterranean shallow lakes, Doctorate, J.EMMA(Student), 2016

BEKLİOĞLU M., Modeling impacts of eutrophication and climate change in Lake Eymir using pflake model, Postgraduate, E.KUZYAKA(Student), 2015

BEKLİOĞLU M., Impact of nutrient and water level changes on submerged macrophytes along a latitudinal gradient: A Pan-European mesocosm experiment, Postgraduate, Z.ERSOY(Student), 2015

BEKLİOĞLU M., Comparing ecological structure of Turkish shallow lakes between the seasons, and wet & dry years, Postgraduate, A.SERHAN(Student), 2015

BİLGİN C. C. , BEKLİOĞLU M., The influence of land use and the catchment properties on the trophic status of shallow lakes in Turkey, Postgraduate, S.PEREN(Student), 2015

BEKLİOĞLU M., Modeling impacts of eutrophication and climate change in lake eymir using pflake model, Postgraduate, E.Kuzyaka(Student), 2015

BEKLİOĞLU M., Estimation of carbon dioxide flux in shallow lakes in turkey, Postgraduate, J.KALVENAS(Student), 2014

BEKLİOĞLU M., Salinity inference in inland Turkish shallow lakes based on paleoecology using sub-fossil cladocera, Doctorate, A.İDİL(Student), 2013

BEKLİOĞLU M., Impact of water level fluctuations and fish on macroinvertebrate community and periphyton growth in shallow lakes-A mesocosm approach, Postgraduate, E.SARAOĞLU(Student), 2012

BEKLİOĞLU M., Impact of top down and bottom up controls on the microbial loop in Turkish shallow lakes : space for time substitute, monitoring and mesocosm approaches, Doctorate, A.Özen(Student), 2012

BEKLİOĞLU M., Impact of top down and bottom up controls on the microbial loop in Turkish shallow lakes: Space for time substitute, monitoring and mesocosms approaches, Doctorate, A.ÖZEN(Student), 2012

BEKLİOĞLU M., Zooplankton adaptation strategies against fish predation in Turkish shallow lakes, Doctorate, Ü.NİHAN(Student), 2012

BEKLİOĞLU M., Impacts of nutrients on periphyton growth and periphyton-macroinvertebrates interactions in shallow lakes: A mesocosm experiment, Postgraduate, N.FİLİZ(Student), 2012

BEKLİOĞLU M., Determining the roles of water level and fish predation on submerged plant growth in shallow lakes using mesocosm experiment, Postgraduate, T.BUCAK(Student), 2011

BEKLİOĞLU M., Paleolimnological assessment of past aquatic vegetation dynamics and ecosystem state in Turkish shallow lakes, Postgraduate, E.ESTER(Student), 2009

BEKLİOĞLU M., The effect of ecotoxicants on the aquatic food web and prey-predator relationships, Doctorate, S.BANU(Student), 2009

BEKLİOĞLU M., Paleolimnological assessment of past aquatic vegetation dynamics and ecosystem state in Turkish shallow lakes, Postgraduate, E.Ester(Student), 2009

BEKLİOĞLU M., Role of nitrogen in submerged plant development in Mediterranean climatic zone - a mesocosm experiment, Postgraduate, K.ÖZKAN(Student), 2008

BEKLİOĞLU M., Impacts of multistressors on the survival and life history traits of *Daphnia pulex*, Postgraduate, G.BEZİRCİ(Student), 2008

BEKLİOĞLU M., Influence of large scale atmospheric systems on hydrology and ecology of Turkish lakes, Postgraduate, O.KERİMOĞLU(Student), 2008

BEKLİOĞLU M., AKYÜREK S. Z. , Monitoring of water clarity, and submerged and emergent plant coverages in shallow lake wetlands using remote sensing techniques, Postgraduate, Ö.KARABULUT(Student), 2007

BEKLİOĞLU M., Role of hydrology, nutrients and fish predation in determining the ecology of a system of shallow lakes, Postgraduate, A.Özen(Student), 2006

BEKLİOĞLU M., Role hydrology, sewage effluent diversion and fish on mass balance of nutrients in a system of shallow lakes Mogan and Eymir, Turkey, Postgraduate, B.Karapınar(Student), 2005

BEKLİOĞLU M., Dissolved inorganic nitrogen removal efficiency of the reed beds surrounding lake Mogan using modeling approaches, Postgraduate, M.Gökmen(Student), 2004

BEKLİOĞLU M., The impact of water level fluctuations on the development of submerged plants and their role in the

clear-water state of Lake Mogan, Turkey, Postgraduate, M.Kisambira(Student), 2003

BEKLİOĞLU M., Optimization of laboratory assays of diel vertical migration of *Daphnia pulex* in determining fish kairomones using bacterial degradation, Postgraduate, P.Zorlu(Student), 2003

BEKLİOĞLU M., The roles of hydrology and nutrients in alternative equilibria of two shallow lakes of anatolia, lake Eymir and lake Mogan: Using monitoring and modeling approaches, Postgraduate, C.Ozan(Student), 2002

BEKLİOĞLU M., The role of submerged macrophytes in stabilising water clarity and the migration pattern of dominant zooplankton in Lake Eymir, Turkey, Postgraduate, M.Sillah(Student), 2002

BEKLİOĞLU M., Combined effects of the 4-nonylphenol and fish kairomones on the survival, morphology and life history traits of *Daphnia magna* Straus, Postgraduate, H.Elif(Student), 2002

BEKLİOĞLU M., Alkylphenols in carp and tench caught from lake Eymir and Kurtboğazi dam lake., Postgraduate, V.Gizem(Student), 2002

BEKLİOĞLU M., The vertical displacement and life-history traits of *Daphnia pulex* leydig in Lake Eymir, Postgraduate, Ç.Bülent(Student), 2001

BEKLİOĞLU M., Contemporary limnology of Çubuk II Dam Lake, Postgraduate, M.Killi(Student), 1999

BEKLİOĞLU M., Pelagic trophic interactions: clear versus turbid water states in Lake Mogan and Lake Eymir, Postgraduate, S.Levent(Student), 1998

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

- I. **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, vol.836, 2022 (Journal Indexed in SCI Expanded)
- II. **Freshwater salinisation: a research agenda for a saltier world**
Cunillera-Montcusí D., BEKLİOĞLU M., Cañedo-Argüelles M., Jeppesen E., Ptacnik R., Amorim C. A. , Arnott S. E. , Berger S. A. , Brucet S., Dugan H. A. , et al.
Trends in Ecology and Evolution, vol.37, no.5, pp.440-453, 2022 (Journal Indexed in SCI Expanded)
- III. **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., ÖZGENÇİL İ. K. , Soylier M., Korkmaz M., Ramirez-Garcia A., Metin M., Yilmaz G., Ertugrul S., TAVŞANOĞLU Ü. N. , et al.
WATER, vol.14, no.8, 2022 (Journal Indexed in SCI)
- IV. **The importance of allochthonous organic matter quality when investigating pulse disturbance events in freshwater lakes: a mesocosm experiment**
Caldero-Pascual M., Yildiz D., YALÇIN G., Metin M., Yetim S., Fiorentin C., Andersen M. R. , Jennings E., Jeppesen E., Ger K. A. , et al.
HYDROBIOLOGIA, 2021 (Journal Indexed in SCI)
- V. **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., Soylier M., Bucak T., Tavşanoğlu Ü. N. , Özkan K., et al.
INLAND WATERS, vol.11, no.4, pp.538-555, 2021 (Journal Indexed in SCI)
- VI. **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, vol.43, no.3, pp.353-366, 2021 (Journal Indexed in SCI)
- VII. **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, vol.13, no.2, 2021 (Journal Indexed in SCI)

- VIII. **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, vol.26, no.12, pp.6831-6851, 2020 (Journal Indexed in SCI)
- IX. **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, vol.12, no.12, 2020 (Journal Indexed in SCI)
- X. **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, vol.12, no.12, pp.1-19, 2020 (Journal Indexed in SCI)
- XI. **Changes in functional composition and diversity of waterbirds: The roles of water level and submerged macrophytes**
Özgencil I. K., Beklioğlu M., Özkan K., Tavşanoğlu Ç., Fattorini N.
Freshwater Biology, vol.65, no.11, pp.1845-1857, 2020 (Journal Indexed in SCI Expanded)
- XII. **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, vol.4, no.8, pp.1060-1068, 2020 (Journal Indexed in SCI)
- XIII. **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, vol.262, 2020 (Journal Indexed in SCI)
- XIV. **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, vol.20, no.2, 2020 (Journal Indexed in SCI)
- XV. **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, vol.10, no.2, pp.153-158, 2020 (Journal Indexed in SCI)
- XVI. **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, vol.65, no.4, pp.892-902, 2020 (Journal Indexed in SCI)
- XVII. **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., Tavsanoglu U. N., Gökçe D., et al.
INLAND WATERS, vol.10, no.2, pp.173-185, 2020 (Journal Indexed in SCI)
- XVIII. **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, vol.668, pp.470-484, 2019 (Journal Indexed in SCI)
- XIX. **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, vol.64, no.2, pp.616-631, 2019 (Journal Indexed in SCI)
- XX. **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, vol.6, 2018 (Journal Indexed in SCI)
- XXI. **Data Descriptor: A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins**
MANTZOUKÍ E., CAMPBELL J., van Loon E., VÍSSER P., KONSTANTÍNOU I., ANTONÍOEU M., GIULIANI G., MACHADO-VIEIRA D., de Oliveira A. G. , Maronic D. S. , et al.
SCIENTIFIC DATA, vol.5, 2018 (Journal Indexed in SCI)
- XXII. **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.
ECOGRAPHY, vol.41, no.7, pp.1064-1076, 2018 (Journal Indexed in SCI)
- XXIII. **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, vol.64, pp.1-12, 2018 (Journal Indexed in SCI)
- XXIV. **Modeling the effects of climatic and land use changes on phytoplankton and water quality of the largest Turkish freshwater lake: Lake Beysehir**
Bucak T., Trolle D., Tavsanoğlu U. N. , Cakiroglu A. I. , Ozen A., Jeppesen E., BEKLİOĞLU M.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.621, pp.802-816, 2018 (Journal Indexed in SCI)
- XXV. **Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins**
MANTZOUKÍ E., LURLING M., FASTNER J., DOMIS L. d. S. , WILK-WOZNIÁK E., KOREIVIENE J., SEELEN L., TEURLINCX S., Verstijnen Y., KRZTON W., et al.
TOXINS, vol.10, no.4, 2018 (Journal Indexed in SCI)
- XXVI. **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, vol.21, no.3, pp.395-409, 2018 (Journal Indexed in SCI)
- XXVII. **Patterns of microbial food webs in Mediterranean shallow lakes with contrasting nutrient levels and predation pressures**
ÖZEN A., Tavsanoğlu U. N. , Cakiroglu A. I. , Levi E. E. , Jeppesen E., BEKLİOĞLU M.
HYDROBIOLOGIA, vol.806, no.1, pp.13-27, 2018 (Journal Indexed in SCI)
- XXVIII. **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., Cakiroglu A. I. , Jeppesen E., Svenning J., Ersoy Z., BEKLİOĞLU M.
FRESHWATER BIOLOGY, vol.62, no.11, pp.1819-1830, 2017 (Journal Indexed in SCI)
- XXIX. **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, vol.51, no.2, pp.257-273, 2017 (Journal Indexed in SCI)
- XXX. **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, vol.581, pp.413-425, 2017 (Journal Indexed in SCI)

- XXXI. **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 (Journal Indexed in SCI)
- XXXII. **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. , Cakiroglu A. I. , Levi E. E. , Erdogan S., Filiz N., ÖZKAN K., et al.
WATER, vol.9, no.2, 2017 (Journal Indexed in SCI)
- XXXIII. **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, vol.563, pp.456-467, 2016 (Journal Indexed in SCI)
- XXXIV. **Inferring past environmental changes in three Turkish lakes from sub-fossil Cladocera**
Cakiroglu 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, vol.778, no.1, pp.295-312, 2016 (Journal Indexed in SCI)
- XXXV. **Preface: Shallow lakes in a fast changing world**
BEKLİOĞLU M., Meerhoff M., Davidson T. A. , Ger K. A. , Havens K., Moss B.
HYDROBIOLOGIA, vol.778, no.1, pp.9-11, 2016 (Journal Indexed in SCI)
- XXXVI. **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, vol.778, no.1, pp.13-32, 2016 (Journal Indexed in SCI)
- XXXVII. **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, vol.563, pp.456-467, 2016 (Journal Indexed in SCI)
- XXXVIII. **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., Tavsanoğlu U. N. , Cakiroglu A. I. , Ozcan S., Brucet S., Jeppesen E., BEKLİOĞLU M.
HYDROBIOLOGIA, vol.771, no.1, pp.31-44, 2016 (Journal Indexed in SCI)
- XXXIX. **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, vol.449, pp.553-566, 2016 (Journal Indexed in SCI)
- XL. **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, vol.10, no.7, pp.902-912, 2016 (Journal Indexed in SCI)
- XLI. **Size-based diel migration of zooplankton in Mediterranean shallow lakes assessed from in situ experiments with artificial plants**
Tavsanoğlu U. N. , Brucet S., Levi E. E. , Bucak T., Bezirci G., Ozen A., Johansson L. S. , Jeppesen E., BEKLİOĞLU M.
HYDROBIOLOGIA, vol.753, no.1, pp.47-59, 2015 (Journal Indexed in SCI)
- XLII. **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, vol.77, no.3, pp.499-510, 2015 (Journal Indexed in SCI)

- XLIII. **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, vol.750, no.1, pp.201-227, 2015 (Journal Indexed in SCI)
- XLIV. **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, vol.60, pp.646-662, 2015 (Journal Indexed in SCI)
- XLV. **Macroecological Patterns of Resilience Inferred from a Multinational, Synchronized Experiment**
Baho D. L., Tavsanoğlu U. N., Sorf M., Stefanidis K., Drakare S., Scharfenberger U., Agasild H., BEKLİOĞLU M., Hejzlar J., Adrian R., et al.
SUSTAINABILITY, vol.7, no.2, pp.1142-1160, 2015 (Journal Indexed in SCI)
- XLVI. **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, vol.503, pp.10-21, 2015 (Journal Indexed in SCI)
- XLVII. **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., Tavsanoğlu U. N., et al.
HYDROBIOLOGIA, vol.743, no.1, pp.27-35, 2015 (Journal Indexed in SCI)
- XLVIII. **Relatedness between contemporary and subfossil cladoceran assemblages in Turkish lakes**
Cakiroglu A. I., Tavsanoğlu U. N., Levi E. E., Davidson T. A., Bucak T., Ozen A., AKYILDIZ G. K., Jeppesen E., BEKLİOĞLU M.
JOURNAL OF PALEOLIMNOLOGY, vol.52, no.4, pp.367-383, 2014 (Journal Indexed in SCI)
- XLIX. **Water level and fish-mediated cascading effects on the microbial community in eutrophic warm shallow lakes: a mesocosm experiment**
ÖZEN A., Bucak T., Tavsanoğlu U. N., Cakiroglu A. I., Levi E. E., Coppens J., Jeppesen E., BEKLİOĞLU M.
HYDROBIOLOGIA, vol.740, no.1, pp.25-35, 2014 (Journal Indexed in SCI)
- L. **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, vol.59, no.4, pp.724-736, 2014 (Journal Indexed in SCI)
- LI. **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, vol.73, pp.88-111, 2014 (Journal Indexed in SCI)
- LII. **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, vol.58, no.3, pp.483-493, 2013 (Journal Indexed in SCI)
- LIII. **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., Tavsanoğlu U. N., Cakiroglu A. I., Jeppesen E., BEKLİOĞLU M.
FRESHWATER BIOLOGY, vol.57, no.8, pp.1631-1642, 2012 (Journal Indexed in SCI)
- LIV. **Sediments, not plants, offer the preferred refuge for Daphnia against fish predation in Mediterranean shallow lakes: an experimental demonstration**
Tavsanoğlu U. N., Cakiroglu A. I., Erdogan S., Meerhoff M., Jeppesen E., BEKLİOĞLU M.

FRESHWATER BIOLOGY, vol.57, no.4, pp.795-802, 2012 (Journal Indexed in SCI)

- LV. 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, vol.21, no.2, pp.601-614, 2012 (Journal Indexed in SCI)
- LVI. 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, vol.46, pp.259-349, 2012 (Journal Indexed in SCI)
- LVII. 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, vol.41, 2011 (Journal Indexed in SCI)
- LVIII. 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, vol.646, no.1, pp.61-72, 2010 (Journal Indexed in SCI)
- LIX. 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, vol.646, no.1, pp.1-3, 2010 (Journal Indexed in SCI)
- LX. 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, vol.19, no.5, pp.901-910, 2010 (Journal Indexed in SCI)
- LXI. 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. , Bekhoglu M.
FRESHWATER BIOLOGY, vol.55, no.2, pp.463-475, 2010 (Journal Indexed in SCI)
- LXII. 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, vol.72, no.1, pp.71-83, 2010 (Journal Indexed in SCI)
- LXIII. 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, vol.38, no.5, pp.1930-1941, 2009 (Journal Indexed in SCI)
- LXIV. 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, vol.90, no.7, pp.2138-2143, 2009 (Journal Indexed in SCI)
- LXV. Impact of food concentration on diel vertical migration behaviour of *Daphnia pulex* under fish predation risk**
Beklioglu M., Gözen A. G. , Yildirim F., Zorlu P., Önde S.
HYDROBIOLOGIA, vol.614, pp.321-327, 2008 (Journal Indexed in SCI)
- LXVI. Restoration of a shallow Mediterranean Lake by biomanipulation complicated by drought**
BEKLİOĞLU M., Tan C. O.
FUNDAMENTAL AND APPLIED LIMNOLOGY, vol.171, no.2, pp.105-118, 2008 (Journal Indexed in SCI)
- LXVII. Use of blast furnace granulated slag as a substrate in vertical flow reed beds: Field application**

- Korkusuz E. A. , Beklioglu M., Demirer G. N.
BIORESOURSE TECHNOLOGY, vol.98, no.11, pp.2089-2101, 2007 (Journal Indexed in SCI)
- LXVIII. **State of the art in the functioning of shallow Mediterranean lakes: workshop conclusions**
Beklioglu M., Romo S., Kagalou I., Quintana X., Becares E.
HYDROBIOLOGIA, vol.584, pp.317-326, 2007 (Journal Indexed in SCI)
- LXIX. **An impulsive ratio-dependent predator-prey system with diffusion**
Akhmet M. U. , Beklioglu M., Ergenc T., Tkachenko V. I.
NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS, vol.7, no.5, pp.1255-1267, 2006 (Journal Indexed in SCI)
- LXX. **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, vol.51, pp.2200-2206, 2006 (Journal Indexed in SCI)
- LXXI. **Water level control over submerged macrophyte development in five shallow lakes of Mediterranean Turkey**
Beklioglu M., Altinayar G., Tan C. O.
ARCHIV FUR HYDROBIOLOGIE, vol.166, no.4, pp.535-556, 2006 (Journal Indexed in SCI)
- LXXII. **Modeling complex nonlinear responses of shallow lakes to fish and hydrology using artificial neural networks**
Tan C. O. , Beklioglu M.
ECOLOGICAL MODELLING, vol.196, pp.183-194, 2006 (Journal Indexed in SCI)
- LXXIII. **Predictive models in ecology: Comparison of performances and assessment of applicability**
Tan C. O. , Ozesmi U., Beklioglu M., Per E., Kurt B.
ECOLOGICAL INFORMATICS, vol.1, no.2, pp.195-211, 2006 (Journal Indexed in SCI)
- LXXIV. **Catastrophic-like shifts in shallow Turkish lakes: a modeling approach**
Tan C., Beklioglu M.
ECOLOGICAL MODELLING, vol.183, no.4, pp.425-434, 2005 (Journal Indexed in SCI)
- LXXV. **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, vol.537, pp.125-133, 2005 (Journal Indexed in SCI)
- LXXVI. **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, vol.537, pp.239-248, 2005 (Journal Indexed in SCI)
- LXXVII. **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, vol.24, no.3, pp.187-200, 2005 (Journal Indexed in SCI)
- LXXVIII. **The role of water-level fluctuations in shallow lake ecosystems - workshop conclusions**
Coops H., Beklioglu M., Crisman T.
HYDROBIOLOGIA, vol.506, pp.23-27, 2003 (Journal Indexed in SCI)
- LXXIX. **Hysteresis in vegetation shift - Lake Mogan prognoses**
Zhang J., Jorgensen S., Beklioglu M., Ince O.
ECOLOGICAL MODELLING, vol.164, pp.227-238, 2003 (Journal Indexed in SCI)
- LXXX. **A structurally dynamic modelling - Lake Mogan, Turkey as a case study**
Zhang J., Jorgensen S., Tan C., Beklioglu M.
ECOLOGICAL MODELLING, vol.164, pp.103-120, 2003 (Journal Indexed in SCI)
- LXXXI. **Restoration of the eutrophic Lake Eymir, Turkey, by biomanipulation after a major external nutrient control I**
Beklioglu M., Ince O., Tuzun I.
HYDROBIOLOGIA, vol.490, pp.93-105, 2003 (Journal Indexed in SCI)

- LXXXII. **Rapid recovery of a shallow hypertrophic lake following sewage effluent diversion: lack of chemical resilience**
Beklioglu M., Carvalho L., Moss B.
HYDROBIOLOGIA, vol.412, pp.5-15, 1999 (Journal Indexed in SCI)
- LXXXIII. **Vertically-challenged limnology; Contrasts between deep and shallow lakes**
Moss B., Beklioglu M., Carvalho L., Kilinc S., McGowan S., Stephen D.
HYDROBIOLOGIA, vol.342, pp.257-267, 1997 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Changes in functional composition and diversity of waterbirds: The roles of water level and submerged macrophytes**
ÖZGENCİL İ. K. , BEKLİOĞLU M., ÖZKAN K., TAVŞANOĞLU Ç., Fattorini N.
British Ecological Society (BES) 2020, United Kingdom, 14 December 2020 - 18 January 2021
- II. **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, Romania, 26 - 30 August 2019, pp.159-160
- III. **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, Turkey, 10 - 12 July 2019, pp.20
- IV. **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, Turkey, 24 - 26 June 2018, pp.153-156
- V. **Responses from organisms to ecosystems: Impact of Land Use and Climate Change in Lakes**
BEKLİOĞLU M.
Ecology and Evolutionary Biology Symposium, 11 - 13 July 2017
- VI. **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 July 2017
- VII. **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 July 2017
- VIII. **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, Costa Rica, 12 - 16 December 2016
- IX. **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 August - 01 September 2016
- X. **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 August - 01 September 2016
- XI. **Modelling Future Ecosystem Services of Lake Beyşehir**
Bucak T., Trolle D., ERDOĞAN Ş., Çakıroğlu A. İ. , Tavşanoğlu N., Bezirci G., BEKLİOĞLU M.

3rd Ecology and Evolutionary Biology Symposium, Turkey, 2016, 31 August - 01 September 2016

- XII. **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 August - 01 September 2016
- XIII. **Restoration of eutrophication in drought-stricken lakes in Mediterranean climatic region a system of heavily eutrophic and relatively control 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 July - 05 August 2016
- XIV. **How the phytoplankton community in shallow lakes with contrasting temperatures and nutrient level 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 July - 05 August 2016
- XV. **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, Italy, 31 July - 05 August 2016
- XVI. **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, Italy, 31 July - 05 August 2016
- XVII. **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, Italy, 31 July - 05 August 2016
- XVIII. **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, Italy, 31 July - 05 August 2016
- XIX. **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 August - 01 September 2016
- XX. **Assesing 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 August - 01 September 2016
- XXI. **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 August - 01 September 2016
- XXII. **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 August - 01 September 2016
- XXIII. **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 July 2015

- XXIV. **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: Aquatic Sciences: Global and Regional Perspectives—North Meets South,
Granada, Nicaragua, 22 - 27 February 2015
- XXV. **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, Nicaragua, 22 - 27 February 2015
- XXVI. **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 October 2013
- XXVII. **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 August 2011
- XXVIII. **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, Turkey, 27 - 29 August 2008
- XXIX. **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 July 2007
- XXX. **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 July 2007
- XXXI. **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, Turkey, 26 - 30 June 2006
- XXXII. **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 September 2005
- XXXIII. **Balık sinyalinin Fourier Transform Infrared spektroskopisi ile araştırılması**
AKKAŞ S. B. , TÜRKER S., Zorlu P., BEKLİOĞLU YERLİ M., SEVERCAN F.
XVI. Ulusal Biyoloji Kongresi, Turkey, 4 - 07 September 2002
- XXXIV. **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, Kyrgyzstan, 25 - 28 September 2000, vol.13, pp.207-215

Supported Projects

BEKLİOĞLU M., METİN M., Project Supported by Higher Education Institutions, Effects of Dissolved Organic Carbon (DOC) and Zooplankton Grazing on Phytoplankton Community, 2021 - Continues

BEKLİOĞLU M., AUDET J., DAVIDSON T. A. , KARAKAYA N., ÖZKAN K., JEPPESEN E., YILMAZ G., Project Supported by Higher Education Institutions, Understanding the complex interaction of salinization and eutrophication on Green House Gas emissions of Anatolian inland waters, 2021 - Continues

BEKLİOĞLU M., FİLİZ N., Project Supported by Higher Education Institutions, Eymir ve Mogan göllerindeki 20 senelik

izleme çalışmasının devam ettirilmesi, 2020 - Continues

Dolcerocca A. P. C. , Beklioğlu M., Akyürek S. Z. , H2020 Project, POND Ecosystems for Resilient FUTURE Landscapes in a changing climate, 2020 - 2024

Beklioğlu M., H2020 Project, AQUACOSM-plus: Network of Leading Ecosystem Scale Experimental AQUATIC MesoCOSM Facilities Connecting Rivers, Lakes, Estuaries and Oceans in Europe and beyond, 2020 - 2024

BEKLİOĞLU M., EU Supported Other Project, Network of Leading European AQUATIC MesoCOSM Facilities Connecting Mountains to Oceans from the Arctic to the Mediterranean, 2017 - 2020

BEKLİOĞLU M., YÜKRÜK C., ÇELİK B., YAPRAK G., BAŞTÜRK S., BARUT M. O. , TATLI M., ÇİĞDEM C., UÇAR B., ÖZOĞUL Y., et al., Project Supported by Higher Education Institutions, ODTÜ Eymir Gölü Bozkır ve Orman Ekosistemleri Biyolojik Çeşitliliğinin Araştırılması ve Koruma Zonlarının Belirlenmesi, 2017 - 2020

BEKLİOĞLU M., TÜBİTAK International Bilateral Joint Cooperation Program Project, Gerçek Zamanlı Otomatik Göl İzleme Sistemi ile Göl Metabolizması ve Fitoplankton Biyokütlesinin Uç Olaylar ve Çevresel Değişkenlere Göre Değişiminin Araştırılması, 2015 - 2018

BEKLİOĞLU M., EU Supported Other Project, Managing Aquatic ecosystems and water Resources under multiple Stress, 2014 - 2018

BEKLİOĞLU M., Project Supported by Higher Education Institutions, GÖL SADIMANLARINDAKİ CLADOCERA SUBFOSİLLERİ KULLANILARAK YAKIN GEÇMİŞTEN GÜNÜMÜZE CLADOCERA TÜRLERİNİN DAĞILIMINDAKİ DEĞİŞİMLERİN BELİRLENMESİ VE OLASI NEDENLERİN DEĞERLENSİRİLMESİ, 2017 - 2017

BEKLİOĞLU M., Project Supported by Higher Education Institutions, ISI DALGALARININ VE ÖTROFİKASYONUN ZOOPLANKTON KOMÜNİTESİ ÜZERİNDEKİ ETKİSİ: MEZOKOZM DENEYİ, 2017 - 2017

BEKLİOĞLU M., Tolunay D., Project Supported by Higher Education Institutions, Eymir ve Mogan Gölleri Ekolojik izlenme, 2017 - 2017

BEKLİOĞLU M., Project Supported by Higher Education Institutions, GERÇEK ZAMANLI OTOMATİK GÖL İZLEME SİSTEMİ İLE UÇ OLAYLAR VE ÇEVRESEL DEĞİŞKENLERE GÖRE GÖL METABOLİZMASININ HASAPLANMASI, 2017 - 2017

BEKLİOĞLU M., TOLUNAY D., YAĞLI M. B. , DEMİREL S., AYDEMİR M. O. , ÇEVİK R., ÇAKIROĞLU J., AKOĞLU Ö., Project Supported by Higher Education Institutions, "Eymir Gölü Elçileri ile Göl Ekolojisi Açık Ders Malzemesi Oluşturulması, 2017 - 2017

GÖZEN A. G. , BEKLİOĞLU M., KEPENEK E. Ş. , İZGÜ K. F. , GÜNDÜZ U., GÜRSEL M., DOĞAN M., ÖZCENGİZ G., BİLGİN C. C. , ÖNDE S., Project Supported by Higher Education Institutions, Kurşun ve Kadmiyum Ağır Metallerinin Yüksek Derişimlerine alıştırılmış Çevresel Bakterilerde Maruziyet Altındaki Fizyolojik Uyumlamanın Moleküler Kökenleri, 2016 - 2016

BEKLİOĞLU M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

BEKLİOĞLU M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

BEKLİOĞLU M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

BEKLİOĞLU M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

GÖZEN A. G. , BEKLİOĞLU M., İZGÜ K. F. , GÜRSEL M., DOĞAN M., ÖZCENGİZ G., BİLGİN C. C. , ÖNDE S., Project Supported by Higher Education Institutions, Tattısu Acinetobacter türlerinin antibiyotik maruziyeti altında sergiledikleri moleküler değişimlerin belirlenmesi, 2015 - 2015

BEKLİOĞLU M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

BEKLİOĞLU M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

BEKLİOĞLU M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

BEKLİOĞLU M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

BEKLİOĞLU M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ

PROJESİ, 2014 - 2014

BEKLİOĞLU M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

BEKLİOĞLU M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

BEKLİOĞLU M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

BEKLİOĞLU M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

BEKLİOĞLU M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

GÖZEN A. G. , ÖKTEM H. A. , BUCAK T., COPPENS J. E. P. , KALVENAS J. E. , İZGÜ K. F. , BEKLİOĞLU M., BİRAND ÖZSOY A. C. , GÜNDÜZ U., GÜRSEL M., et al., Project Supported by Higher Education Institutions, Sucul biofilm bakterilerinin arsenik, nikel ve kadmiyum dirençlerinin belirlenmesi ve moleküler karakterizasyonu, 2013 - 2014

BEKLİOĞLU M., KALVENAS J. E. , Project Supported by Higher Education Institutions, TÜRKİYE SIĞ GÖLLERİNDE KARBONDİYOKSİT AKİSİNİN BELİRLENMESİ, 2013 - 2013

BEKLİOĞLU M., BEZİRCİ G., Project Supported by Higher Education Institutions, DİATOM FOSİLLERİ KULLANARAK YAKIN GEÇMİŞTEN GÜNÜMÜZE SIĞ GÖLLERDE ÖTROFİKASYONUN BELİRLENMESİ, 2013 - 2013

BEKLİOĞLU M., ERSOY Z., Project Supported by Higher Education Institutions, SU BULANIKLIĞININ BÜYÜK BOY CLADOCERA ÜZERİNDEKİ BARINAK ETKİSİNİN ARAŞTIRILMASI, 2013 - 2013

BEKLİOĞLU M., COPPENS J. E. P. , Project Supported by Higher Education Institutions, AKDENİZ SIĞ GÖL EKOSİSTEMLERİNDEKİ HİDROLİK YÜKLEME İLE GÖL BESİN TUZU YOĞUNLUĞU ARASINDAKİ İLİŞKİ: İKLİM DEĞİŞİKLİĞİ ETKİLERİNE KARŞI UYUM STRATEJİLERİ GELİŞTİRME, 2013 - 2013

BEKLİOĞLU M., ÖNAL D., Project Supported by Higher Education Institutions, İSVEÇ'TEN TÜRKİYE'YE PAN-AVRUPA MEZOKOZM DENEYLERİNDE İKLİM, ÖTROFİKASYON VE SU SEVİYESİ DEĞİŞİMLERİNİN MAKROFİT BÜYÜMESİ ÜZERİNE ETKİLERİ, 2013 - 2013

BEKLİOĞLU M., LEVI E. E. , Project Supported by Higher Education Institutions, SUİÇİ VE SUÜSTÜ BİTKİ MAKROFOSİLLERİ KULLANILARAK YAKIN GEÇMİŞTEN GÜNÜMÜZE BİTKİ DEĞİŞİMİNİN VE OLASI NEDENLERİNİN DEĞERLENDİRİLMESİ., 2013 - 2013

BEKLİOĞLU M., BUCAK T., Project Supported by Higher Education Institutions, İKLİM DEĞİŞİKLİĞİ VE ARAZİ KULLANIMININ BEYŞEHİR HAVZASI ÜZERİNDEKİ ETKİLERİNİN BELİRLENMESİ, 2013 - 2013

BEKLİOĞLU M., ÇAĞAN A. S. , Project Supported by Higher Education Institutions, ARAZİ KULLANIM SWAT MODELİNİN MOGAN GÖLÜ HAVZAZINDA UYGULAMAYA KOYMAK, 2013 - 2013

BEKLİOĞLU M., Project Supported by Higher Education Institutions, Eymir Ve Mogan Göllerinde Mikrobiyal Döngünün Mevsimsel Değişiminin Araştırılması, 2012 - 2012

Activities in Scientific Journals

Turkish Journal of Zoology, Advisory Committee Member, 2018 - Continues

Limnology And Oceanography, Committee Member, 2016 - Continues

Scientific Consultations

Parlar Vakfi , Scientific Consultancy, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, Turkey, 2015 - Continues

TEMA, Scientific Consultancy, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, Turkey, 2015 - Continues

Citations

Total Citations (WOS):3182

h-index (WOS):27