

Res. Asst. GENCER TÜRKMEN

Personal Information

Office Phone: [+90 312 297 8033](tel:+903122978033) Extension: 8033

Email: gturkmen@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/gturkmen>

International Researcher IDs

ScholarID: Zybg4QgAAAAJ

ORCID: 0000-0002-1155-8275

Publons / Web Of Science ResearcherID: C-4126-2013

ScopusID: 56511977000

Yoksis Researcher ID: 169223

Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Biyoloji Bölümü / Hidrobiyoloji Anabilim Dalı, Turkey 2008 - 2013

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Biyoloji Bölümü / Hidrobiyoloji Anabilim Dalı, Turkey 2006 - 2008

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2002 - 2006

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Doğu karadeniz bölgesi ephemeroptera faunasının su çerçeve direktifi (SÇD) uygulamasında yer almak üzere sistematik ve ekolojik yönden araştırılması, Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2013

Postgraduate, Bolu ilindeki bazı akarsulardan seçilen referans istasyonlardaki makrobentik toplulukların analizi, Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2008

Research Areas

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

Academic Titles / Tasks

Research Assistant PhD, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 2013 - Continues

Research Assistant, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 2010 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Integrative delimitation of a new *Epeorus* (*Caucasiron*) (Ephemeroptera, Heptageniidae) from the Caucasus with a supplement to the identification guide of Caucasian and Irano-Anatolian species**
Hrivniak L., Sroka P., TÜRKMEN G., Martynov A., Bojkova J.
ZOOKEYS, vol.2024, no.1214, pp.265-279, 2024 (SCI-Expanded)
- II. **Biomonitoring in the Caucasus Biodiversity Hotspot: The ecological and habitat preferences of *Epeorus* (*Caucasiron*) *znojko* (Ephemeroptera, Heptageniidae) from Northeastern Turkey**
Türkmen G.
KUWAIT JOURNAL OF SCIENCE, vol.50, no.3, pp.313-321, 2023 (SCI-Expanded)
- III. **Mayfly (Ephemeroptera) fauna of the Camili Biosphere Reserve (Artvin, Turkey), with three new records**
TÜRKMEN G.
BIOLOGIA, vol.78, no.2, pp.475-485, 2023 (SCI-Expanded)
- IV. **Community Structure of Mayflies (Insecta: Ephemeroptera) in a Biodiversity Hotspot as Revealed by Multivariate Analyses**
Türkmen G., Kazanci N.
ACTA ZOOLOGICA BULGARICA, vol.72, pp.67-81, 2020 (SCI-Expanded)
- V. **A new *Epeorus* (*Caucasiron*) (Ephemeroptera: Heptageniidae) species from Turkey based on molecular and morphological evidence**
HRIVNIAK L., SROKA P., TÜRKMEN G., GODUNK R. J., KAZANCI N.
ZOOTAXA, vol.4550, no.1, pp.58-70, 2019 (SCI-Expanded)
- VI. **Evaluation of Plecoptera (Insecta) community composition using multivariate technics in a biodiversity hotspot**
KAZANCI N., TÜRKMEN G., Ekingen P., BAŞÖREN Ö.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.14, no.6, pp.1307-1316, 2017 (SCI-Expanded)
- VII. **Hirudinea (Annelida) species and their ecological preferences in some running waters and lakes**
Kazanci N., Ekingen P., Dugel M., Türkmen G.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.12, pp.1087-1096, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluation of diversity of benthic macroinvertebrate fauna of Çekerek Stream (Turkey) by using different diversity and evenness indices**
TÜRKMEN G., KAZANCI G. N.
Review of Hydrobiology, vol.11, 2018 (Peer-Reviewed Journal)
- II. **A new *Prosopistoma* (Ephemeroptera, Prosopistomatidae) species from Turkey, with ecological notes**
KAZANCI G. N., TÜRKMEN G.
Review of Hydrobiology, vol.11, pp.1-22, 2018 (Peer-Reviewed Journal)
- III. **Comments on An annotated catalogue of the mayfly fauna of Turkey Insecta Ephemeroptera**
KAZANCI G. N., TÜRKMEN G.
Review of Hydrobiology, vol.9, pp.85-121, 2016 (Peer-Reviewed Journal)
- IV. **TR BMWP Turkish BMWP biotic index**
KAZANCI G. N., TÜRKMEN G., BAŞÖREN Ö., EKİNGEN ABDİK P.
Review of Hydrobiology, vol.9, pp.147-151, 2016 (Peer-Reviewed Journal)
- V. **Habitat characteristics of little known species *Baetis milani* Baetidae Ephemeroptera from the Eastern part of Black Sea Region Turkey**
TÜRKMEN G., KAZANCI G. N.

- Review of Hydrobiology, vol.9, pp.135-146, 2016 (Peer-Reviewed Journal)
- VI. **Aquatic Diptera Insecta fauna of streams in the Eastern Black Sea Region Turkey and their relationship with water quality**
BOLAT H. A., KAZANCI G. N., BAŞÖREN Ö., TÜRKMEN G., EKİNGEN ABDİK P.
Review of Hydrobiology, vol.9, pp.47-72, 2016 (Peer-Reviewed Journal)
- VII. **Habitat quality assessment of streams in Altindere Valley Trabzon Turkey by using physico chemical variables and various biotic indices based on benthic macroinvertebrates**
TÜRKMEN G., KAZANCI G. N.
Review of Hydrobiology, vol.9, pp.17-36, 2016 (Peer-Reviewed Journal)
- VIII. **Application of BMWP and using benthic macroinvertebrates to determine the water quality of a transboundary running water Çoruh River Turkey**
KAZANCI G. N., TÜRKMEN G., BAŞÖREN Ö.
Review of Hydrobiology, vol.8, pp.119-130, 2015 (Peer-Reviewed Journal)
- IX. **Additional records of Ephemeroptera Insecta species from the Eastern Part of Black Sea Region Turkey**
TÜRKMEN G., KAZANCI G. N.
Review of Hydrobiology, vol.8, pp.33-50, 2015 (Peer-Reviewed Journal)
- X. **The swarm of Ephoron virgo Olivier 1791 Ephemeroptera Polymitarciidae in Kura River Turkey**
KAZANCI G. N., TÜRKMEN G.
Review of Hydrobiology, vol.8, pp.63-65, 2015 (Peer-Reviewed Journal)
- XI. **Assessment of land use effects in Yeşilirmak River by determining water quality and a Yeşilirmak river specific biotic index Y BMWP II Evaluation with biological methods by using benthic macroinvertebrates and updated Y BMWP**
KAZANCI G. N., TÜRKMEN G., BAŞÖREN Ö., EKİNGEN ABDİK P., HÜSEYİN ALİ B.
Review of Hydrobiology, vol.7, pp.101-201, 2014 (Peer-Reviewed Journal)
- XII. **Assessment of the land use effects in Yeşilirmak River Basin by determining water quality and Yeşilirmak river-specific biotic index (Y-BMWP):I. Evaluation with physico-chemical methods**
KAZANCI G. N., BAŞÖREN Ö., EKİNGEN ABDİK P., TÜRKMEN G., BOLAT H. A.
Review of Hydrobiology, vol.7, pp.1-74, 2014 (Peer-Reviewed Journal)
- XIII. **Assessment of macroinvertebrate community structure and water quality of running waters in Camili Artvin Turkey a part of Caucasus Biodiversity Hotspot by using Water Framework Directive WFD methods**
KAZANCI G. N., BAŞÖREN Ö., TÜRKMEN G., ÖZ B., EKİNGEN ABDİK P., HÜSEYİN ALİ B.
Review of Hydrobiology, vol.6, pp.91-102, 2013 (Peer-Reviewed Journal)
- XIV. **The key to the Ephemeroptera Insecta larvae in running waters of the Eastern Black Sea Basin Turkey with the new records**
TÜRKMEN G., KAZANCI G. N.
Review of Hydrobiology, vol.6, pp.31-55, 2013 (Peer-Reviewed Journal)
- XV. **Preparation of a biotic index Yeşilirmak BMWP for water quality monitoring of Yeşilirmak River Turkey by using benthic macroinvertebrates**
KAZANCI G. N., TÜRKMEN G., EKİNGEN ABDİK P., BAŞÖREN Ö.
Review of Hydrobiology, vol.6, pp.1-29, 2013 (Peer-Reviewed Journal)
- XVI. **The checklist of Ephemeroptera Insecta species of Turkey**
KAZANCI G. N., TÜRKMEN G.
Review of Hydrobiology, vol.5, pp.143-156, 2012 (Peer-Reviewed Journal)
- XVII. **Habitat characteristics of endangered species Marthamea vitripennis Burmeister 18939 Insecta Plecoptera**
KAZANCI G. N., TÜRKMEN G., BOLAT H. A.
Review of Hydrobiology, vol.5, pp.1-18, 2012 (Peer-Reviewed Journal)
- XVIII. **Contributions to aquatic fauna of a Biodiversity Hotspot in Eastern Blacksea Region of Turkey with records from runningwater interstitial fauna**

- KAZANCI G. N., TÜRKMEN G., BAŞÖREN Ö.
Review of Hydrobiology, vol.4, pp.131-138, 2011 (Peer-Reviewed Journal)
- XIX. **Assessment of benthic macroinvertebrate communities of some sites at Kelkit Stream and its tributaries Yeşilirmak River Basin Turkey with application of cluster analysis**
TÜRKMEN G., KAZANCI G. N.
Review of Hydrobiology, vol.4, pp.29-46, 2011 (Peer-Reviewed Journal)
- XX. **Larval Ephemeroptera records from Marmara Island and Kapıdağ Peninsula North Western Turkey with new record of Baetis milani Godunkoi Prokopov Soldan 2004**
TÜRKMEN G., ÖZKAN N.
Review of Hydrobiology, vol.4, pp.99-114, 2011 (Peer-Reviewed Journal)
- XXI. **Habroleptoides kavron sp n a new species Ephemeroptera Leptophlebiidae from Eastern Black Sea Region Turkey with ecological notes**
KAZANCI G. N., TÜRKMEN G.
Review of Hydrobiology, vol.4, pp.63-72, 2011 (Peer-Reviewed Journal)
- XXII. **Assessment of ecological quality of Yeşilirmak River Turkey by using macroinvertebrate based methods in the content of Water Framework Directive**
KAZANCI G. N., TÜRKMEN G., BAŞÖREN Ö., EKİNGEN ABDİK P., ÖZ B., GÜLTUTAN Y.
REVIEW OF HYDROBIOLOGY, vol.3, no.2, pp.89-110, 2010 (Peer-Reviewed Journal)
- XXIII. **Applications of various biodiversity indices to benthic macroinvertebrate assemblages in streams of a national park in Turkey**
TÜRKMEN G., KAZANCI G. N.
Review of Hydrobiology, vol.3, pp.111-125, 2010 (Peer-Reviewed Journal)
- XXIV. **Assesment of ecological quality of Aksu Stream Giresun Turkey in Eastern Black Sea Region by using Water Framework Directive WFD methods based on benthic macroinvertebrates**
KAZANCI G. N., EKİNGEN ABDİK P., TÜRKMEN G., BAŞÖREN Ö., DÜGEL M., GÜLTUTAN Y.
Review of Hydrobiology, vol.3, no.2, pp.165-184, 2010 (Peer-Reviewed Journal)
- XXV. **Application of various biodiversity indices to benthic macroinvertebrate assemblages in streams of a national park in Turkey**
Türkmen G., Kazancı G. N.
Review of Hydrobiology, vol.3, no.2, pp.111-125, 2010 (Peer-Reviewed Journal)
- XXVI. **Assessment of ecological quality of Yeşilirmak River Turkey by using macroninvertebrate based methods in the content of Water Framework Directive**
KAZANCI G. N., TÜRKMEN G., BAŞÖREN Ö., EKİNGEN ABDİK P., ÖZ B., GÜLTUTAN Y.
Review of Hydrobiology, vol.3, no.2, pp.89-110, 2010 (Peer-Reviewed Journal)
- XXVII. **Assessment of ecological quality of Aksu Stream Giresun Turkey in Eastern Black Sea Region by using Water Framework Directive WFD methods based on benthic macroinvertebrates**
KAZANCI G. N., EKİNGEN ABDİK P., TÜRKMEN G., BAŞÖREN Ö., DÜGEL M., GÜLTUTAN Y.
Review of Hydrobiology, vol.3, pp.165-184, 2010 (Peer-Reviewed Journal)
- XXVIII. **First faunistic survey and canonical correspondance analysis of interstitial aquatic insect assemblages of running waters in Turkey**
KAZANCI G. N., ÖZ B., DÜGEL M., BAŞÖREN Ö., TÜRKMEN G.
Review of Hydrobiology, vol.2, pp.1-10, 2009 (Peer-Reviewed Journal)
- XXIX. **A study on Hirudinea Annelida Fauna of Turkey and habitat quality of species**
KAZANCI G. N., EKİNGEN ABDİK P., TÜRKMEN G.
Review of Hydrobiology, vol.2, pp.81-95, 2009 (Peer-Reviewed Journal)
- XXX. **A research on water quality of Kelkit Stream using benthic macroinvertebrates and physicochemical variables**
KAZANCI G. N., TÜRKMEN G., BAŞÖREN Ö., YASEMİN G., EKİNGEN ABDİK P., ÖZ B.
Review of Hydrobiology, vol.1, pp.145-160, 2008 (Peer-Reviewed Journal)
- XXXI. **Research on Simuliidae Insecta Diptera Fauna of Yedigöller National Park Bolu Turkey**
BAŞÖREN Ö., TÜRKMEN G., KAZANCI G. N.

- Review of Hydrobiology, vol.1, pp.81-92, 2008 (Peer-Reviewed Journal)
- XXXII. **Water quality evaluation of reference sites by using saprobic index in some running waters in the province of Bolu**
TÜRKMEN G., KAZANCI G. N.
Review of Hydrobiology, vol.1, pp.93-118, 2008 (Peer-Reviewed Journal)
- XXXIII. **Research on Ephemeroptera fauna of Yedigöller National Park water quality and reference habitat indicators**
KAZANCI G. N., TÜRKMEN G.
Review of Hydrobiology, vol.1, pp.53-71, 2008 (Peer-Reviewed Journal)
- XXXIV. **Using of Ephemeroptera species as indicators to determine the habitat properties of the streams in a protected area and the borders of that area**
Kazanci N., TÜRKMEN G.
SU URUNLERI DERGISI, vol.25, no.4, pp.325-331, 2008 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of the Streams in the Camili Biosphere Reserve Area (Artvin, Borçka) According to Physicochemical Variables and Some Habitat Characteristics**
Türkmen G.
II. International Agricultural, Biological Life Science Conference (AGBIOL), Edirne, Turkey, 1 - 03 September 2020, pp.265-277
- II. **New record of Ecdyonurus adjaricus (Ephemeroptera, Heptageniidae) for Turkey and its habitat characteristics**
TÜRKMEN G., KAZANCI G. N.
3rd Central European Symposium for Aquatic Macroinvertebrate Research, 8 - 13 July 2018
- III. **The first comprehensive application of TR-BMWP to evaluate the habitat quality of some streams in ecologically different areas of Turkey**
Türkmen G., Kazancı G. N.
3rd Central European Symposium for Aquatic Macroinvertebrate Research, Lodz, Poland, 8 - 13 July 2018, pp.75
- IV. **Habitat characteristics of little known species Baetis milani Godunko Prokopov Soldan 2004 from the Eastern part of Black Sea Region Turkey**
TÜRKMEN G., KAZANCI G. N.
2nd Central European Symposium for Aquatic Macroinvertebrate Research, Pecs, Hungary, 3 - 08 July 2016
- V. **Habitat quality assessment of streams in Altindere Valley Trabzon Turkey by using physico chemical variables and various biotic indices based on benthic macroinvertebrates**
TÜRKMEN G., KAZANCI G. N.
2nd Central European Symposium for Aquatic Macroinvertebrate Research (CESAMIR), 3 - 08 July 2016
- VI. **Habitat characteristics of little known species Baetis milani Baetidae Ephemeroptera from the Eastern part of Black Sea Region Turkey**
TÜRKMEN G., KAZANCI G. N.
2nd Central European Symposium for Aquatic Macroinvertebrate Research (CESAMIR), 3 - 08 July 2016
- VII. **Determining the reference Ephemeroptera communities in the Eastern part of Black Sea Region for the implementation of the Water Framework Directive in Turkey**
TÜRKMEN G., KAZANCI G. N.
V. Aquatic Biodiversity International Conference, Sibiu, Romania, 7 - 10 October 2015
- VIII. **Applications of various diversity indices to benthic macroinvertebrate assemblages in streams of a natural park in Turkey**
TÜRKMEN G., KAZANCI G. N.
BALWOIS 2010 - International Scientific Conference on Water, Climate and Environment, 25 - 29 May 2010
- IX. **Assessment of water quality of Kelkit Stream Turkey with application of various macro invertebrate**

based metrics

KAZANCI G. N., TÜRKMEN G.

BALWOIS 2010 - International Scientific Conference on Water, Climate and Environment, 25 - 29 May 2010

- X. Kazancı G. N., Türkmen G., Başören Ö., Ekingen Abdik P.
IV. Ulusal Limnoloji Sempozyumu, Bolu, Turkey, 4 - 06 August 2010, pp.1
- XI. **Taban büyük omurgasızları kullanılarak uygulanan indeksler ile Aksu Çayı'nın Giresun habitat kalitesinin değerlendirilmesi**
KAZANCI G. N., EKİNGEN ABDİK P., TÜRKMEN G., BAŞÖREN Ö., GÜLTUTAN Y.
IV. Ulusal Limnoloji Sempozyumu, Bolu, Turkey, 4 - 06 August 2010
- XII. **Fırtına Deresi'nin bazı fiziko kimyasal değişkenler ve taban büyük omurgasızları kullanılarak değişik indekslerle değerlendirilmesi**
KAZANCI G. N., BAŞÖREN Ö., TÜRKMEN G., EKİNGEN ABDİK P., ÖZ B.
IV. Ulusal Limnoloji Sempozyumu, Bolu, Turkey, 4 - 06 August 2010
- XIII. **Tehlike Altında Olan Marthamea vitripennis (Burmeister 1839)'in (Insecta, Plecoptera) Habitat Özellikleri**
KAZANCI G. N., BOLAT H. A., TÜRKMEN G., EKİNGEN ABDİK P., BAŞÖREN Ö.
IV. Ulusal Limnoloji Sempozyumu, Bolu, Turkey, 04 August 2010, pp.1
- XIV. **Abstract First faunistic and ecological survey of interstitial fauna of streams in Turkey**
Kazancı N., Oz B., Dugel M., TÜRKMEN G., Ertunc O.
30th Congress of the International-Association-of-Theoretical-and-Applied-Limnology, Montreal, Canada, 12 - 18 August 2007, vol.30, pp.1466
- XV. **Ephemeroptera türlerinin bir koruma alanındaki akarsuların habitat özelliklerini ve koruma alanı sınırlarını belirlemede indikatör olarak kullanılması**
KAZANCI G. N., TÜRKMEN G.
III. Ulusal Limnoloji Sempozyumu, İzmir, Turkey, 27 - 29 August 2008, vol.25, pp.325-331
- XVI. **A research on assessment of habitat quality of streams in a national park by using Ephemeroptera Plecoptera Odonata and Trichoptera species**
TÜRKMEN G., KAZANCI G. N.
The XII International Conference on Ephemeroptera and the XVI International Symposium on Plecoptera, 8 - 14 June 2008
- XVII. **Ordination and Classification of Aquatic Insects of the Northeastern Turkey Biodiversity Hotspot**
KAZANCI G. N., DÜĞEL M., TÜRKMEN G., BAŞÖREN Ö., ÖZ B.
30th Congress of the International Association of Theoretical and Applied Limnology, 12 - 18 August 2007

Supported Projects

BAŞÖREN Ö., TÜRKMEN G., Project Supported by Higher Education Institutions, KİRMİR ÇAYI (ANKARA) SIMULİDAE (INSECTA DIPTERA) FAUNASININ VE TÜRLERİN ÇEVRESEL DEĞİŞKENLERLE İLİŞKİLERİNİN BELİRLENMESİ, 2021 - 2023

TÜRKMEN G., KAZANCI G. N., Project Supported by Higher Education Institutions, KAFKASYA BİYOÇEŞİTLİLİK SICAK NOKTASI İÇERİSİNDE YER ALAN ARTVİN İLİ VE YAKIN ÇEVRESİNDEKİ YAYLALARDAKİ AKARSULARIN EPHEMEROPTERA (INSECTA) FAUNASININ BELİRLENMESİ, 2019 - 2022

TÜRKMEN G., Project Supported by Higher Education Institutions, Altındere Vadisi Milli Parkı'ndaki (Trabzon, Türkiye) akarsuların habitat kalitelerinin fizikokimyasal değişkenler ve çeşitli biyotik indeksler kullanılarak değerlendirilmesi, 2016 - 2016

TÜRKMEN G., KAZANCI G. N., Project Supported by Higher Education Institutions, SU ÇERÇEVE DİREKTİFİ'NİN TÜRKİYE'DEKİ UYGULAMALARI İÇİN KARADENİZ BÖLGESİ'NİN DOĞUSUNDAKİ REFERANS EPHEMEROPTERA KOMÜNİTELERİNİN BELİRLENMESİ, 2015 - 2015

Kazancı G. N., Türkmen G., Başören Ö., Ekingen Abdik P., TUBİTAK Project, TÜRKİYE DE HAVZA BAZINDA HASSAS ALANLARIN VE SU KALİTESİ HEDEFLERİNİN BELİRLENMESİ, 2014 - 2015

Metrics

Publication: 61

Citation (WoS): 32

Citation (Scopus): 57

H-Index (WoS): 4

H-Index (Scopus): 3

Non Academic Experience

Biology Center, CAS, Institute of Entomology - CZECHIA

Technical University of Braunschweig - GERMANY