

# Prof. ÖZLEM YAĞBASAN

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AHB-6233-2022

ScopusID: 23480619300

Yoksis Researcher ID: 58414

## Education Information

Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Geological Engineering, Turkey 2000 - 2007

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Çevre Bilimleri Anabilim Dalı (Disiplinlerarası), Turkey 1998 - 2000

Undergraduate, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1994 - 1998

## Dissertations

Doctorate, Modeling of Mogan and Eymir lakes aquifer system, Middle East Technical University, Türk Halk Bilimi, -, 2007

Postgraduate, 17 Ağustos 1999 İzmit depremi ve çevresel etkileri, Gazi University, Fen Bilimleri Enstitüsü, Çevre Bilimleri Anabilim Dalı (Disiplinlerarası), 2000

## Research Areas

Hydrogeology and Hidrology

## Academic Titles / Tasks

Professor, Gazi University, Gazi Eğitim Fakültesi, Türkçe ve Sosyal Bilimler Eğitimi, 2023 - Continues

Associate Professor, Gazi University, Gazi Eğitim Fakültesi, Türkçe ve Sosyal Bilimler Eğitimi, 2017 - 2023

Assistant Professor, Gazi University, Gazi Eğitim Fakültesi, Türkçe ve Sosyal Bilimler Eğitimi, 2014 - 2017

Lecturer PhD, Gazi University, Gazi Eğitim Fakültesi, Türkçe ve Sosyal Bilimler Eğitimi, 2010 - 2014

Research Assistant, Gazi University, Fen Bilimleri Enstitüsü, Çevre Bilimleri Anabilim Dalı (Disiplinlerarası), 1998 - 2010

## Courses

COĞRAFİ BİLGİ SİSTEMLERİ UYGULAMALARI, Undergraduate, 2017 - 2018, 2016 - 2017  
AFETLER COĞRAFYASI, Undergraduate, 2017 - 2018, 2016 - 2017  
KARASAL HİDROGRAFYA, Postgraduate, 2017 - 2018, 2016 - 2017  
MESLEKİ İNGİLİZCE-I, Undergraduate, 2017 - 2018  
COĞRAFİ BİLGİ SİSTEMLERİ, Undergraduate, 2017 - 2018, 2016 - 2017  
ÇEVRESEL ETKİ DEĞERLENDİRMESİ (ÇED), Undergraduate, 2017 - 2018, 2016 - 2017  
JEOMORFOLOJİ UYGULAMALARI, Undergraduate, 2017 - 2018, 2016 - 2017  
KONUMSAL ANALİZ YÖNTEMLERİ, Undergraduate, 2017 - 2018, 2016 - 2017  
SEMİNER, Undergraduate, 2017 - 2018, 2016 - 2017  
SEMİNER, Postgraduate, 2017 - 2018  
COĞRAFYA ÖĞRETİMİNDE COĞRAFİ BİLGİ SİSTEMİ UYGULAMALARININ KULLANIMI, Postgraduate, 2017 - 2018, 2016 - 2017  
GENEL JEOLOJİ, Undergraduate, 2017 - 2018, 2016 - 2017  
BESLENME ÇEVRE VE TARIM, Undergraduate, 2016 - 2017  
ARAZİ ÇALIŞMASI, Undergraduate, 2016 - 2017

## Advising Theses

Yağbasan Ö., Coğrafi Bilgi Sistemleri (CBS) destekli coğrafya eğitiminin afet risk farkındalığına etkisi, Postgraduate, A.GÜRHAN(Student), 2024  
Kurtuluş B., Yağbasan Ö., Behavior of copper (Cu) and zinc (Zn) in soils amended with agricultural effluents, isotopic approach, Postgraduate, H.TURAN(Student), 2021  
Yağbasan Ö., Perception of Spatial Variation in Activities Prepared by Geographical Information Systems (GIS) in Geography Courses, Postgraduate, S.BAYSAL(Student), 2019  
Yağbasan Ö., Determination Of The Relationship Between Faults And Seismicity In Turkey With Geographic Information Systems (Gis) Applications, Postgraduate, H.KÜBRA(Student), 2019  
YAĞBASAN Ö., Impact of brain-based learning to academic success and attitude in geography teaching, Postgraduate, O.ALTUN(Student), 2017

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Trend Analyses of Meteorological Variables and Lake Levels for Two Shallow Lakes in Central Turkey**  
Yağbasan Ö., Demir V., Yazicigil H.  
WATER, vol.12, no.2, 2020 (SCI-Expanded)
- II. **Impacts of climatic variables on water-level variations in two shallow Eastern Mediterranean lakes**  
YAĞBASAN Ö., Yazicigil H., DEMİR V.  
ENVIRONMENTAL EARTH SCIENCES, vol.76, no.16, 2017 (SCI-Expanded)
- III. **Impacts of climate change on groundwater recharge in Kucuk Menderes River Basin in Western Turkey**  
YAĞBASAN Ö.  
GEODINAMICA ACTA, vol.28, no.3, pp.209-222, 2016 (SCI-Expanded)
- IV. **Assessing the impacts of climate change on sustainable management of coastal aquifers**  
Unsal B., YAĞBASAN Ö., Yazicigil H.  
ENVIRONMENTAL EARTH SCIENCES, vol.72, no.6, pp.2183-2193, 2014 (SCI-Expanded)
- V. **Assessing the impact of climate change on Mogan and Eymir Lakes' levels in Central Turkey**  
YAĞBASAN Ö., Yazicigil H.  
ENVIRONMENTAL EARTH SCIENCES, vol.66, no.1, pp.83-96, 2012 (SCI-Expanded)
- VI. **Sustainable management of Mogan and Eymir Lakes in Central Turkey**

## Articles Published in Other Journals

- I. **THE EFFECT OF GEOGRAPHICAL INFORMATION SYSTEMS (GIS) SUPPORTED GEOGRAPHY EDUCATION ON DISASTER RISK AWARENESS**  
Gürhan A., Yağbasan Ö.  
INTERNATIONAL ONLINE JOURNAL OF EDUCATION AND TEACHING, vol.11, no.4, pp.823-840, 2024 (Peer-Reviewed Journal)
- II. **IMPACTS OF BRAIN-BASED LEARNING ON ACADEMIC ACHIEVEMENT AND ATTITUDE IN GEOGRAPHY TEACHING**  
Yağbasan Ö., Altun O.  
International Journal of Education, Technology and Science, vol.3, no.4, pp.1368-1380, 2023 (Peer-Reviewed Journal)
- III. **Impacts of GIS based materials in teaching relationship between faults and earthquakes in Turkey**  
Yağbasan Ö., Kırıcı H. K.  
International Journal of Curriculum and Instruction , vol.13, no.3, pp.3464-3477, 2021 (Peer-Reviewed Journal)
- IV. **PERCEPTION OF SPATIAL VARIATION IN ACTIVITIES PREPARED BY GIS IN GEOGRAPHY EDUCATION**  
Yağbasan Ö., Baysal S.  
IOJET, vol.8, no.4, pp.2765-2782, 2021 (Peer-Reviewed Journal)
- V. **Development of Teaching Materials Based on Geographical Information Systems: An Example on Symbolic Sites in Turkey**  
Eren K., Yağbasan Ö.  
International Journal of Curriculum and Instruction, vol.9, no.1, pp.31-46, 2017 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Forecasting of Water Level Fluctuations with Periodic Fuzzy Logic Models for Two Shallow Eastern Mediterranean Lakes**  
YAĞBASAN Ö., DEMİR V.  
in: Recent Research on Environmental Earth Sciences, Geomorphology, Soil Science, Paleoclimate, and Karst, Attila Çiner · Md Firoz Khan · Amjad Kallel · Jesús Rodrigo-Comino · Mario Parise · Rahim Barzegar · Zeynal Abiddin Ergüler · Nabil Khelifi · Imran Ali, Editor, Springer, Cham, pp.101-105, 2023
- II. **Olası İklim Değişikliğinin Mogan ve Eymir Göl Seviyeleri Üzerindeki Etkisinin Değerlendirmesi**  
YAĞBASAN Ö., YAZICIGİL H.  
in: Eymir: Araştırmalar, Proje ve Planlama Çalışmaları, Funda Baş Bütüner, H. Çağatay Keskinok, Editor, ODTÜ Basım İşliği, Ankara, pp.325-337, 2018
- III. **Climate change impact on cultural heritage**  
YAĞBASAN Ö.  
in: The Cultural Heritage and Its Sustainability in Europe, Şahin Salih, Charzynski Przemyslaw, Editor, Pegem Akademi, Ankara, pp.39-50, 2015
- IV. **Impacts of decreasing recharge rates on sustainable groundwater management**  
YAZICIGİL H., YILMAZ K. K., ERDEMLİ B., YAĞBASAN Ö.  
in: NATO Science for Peace and Security Series C Environmental Security, Baba Alper, Tayfur Gökmen, Gündüz Orhan, Howard Ken W.F., Friedel Michael J., Chambel Antonio, Editor, SPRINGER, pp.43-50, 2010

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Effect of Geography Education Supported by Geographical Information Systems On Disaster Risk Awareness**  
Gürhan A., Yağbasan Ö.  
18th UBAK, Ankara, Turkey, 16 - 17 December 2023, pp.116-117
- II. **Ortaöğretim Coğrafya Derslerinde Coğrafi Bilgi Sistemleri (CBS) Temelli Hazırlanan Etkinliklerle Mekânsal Değişimin Algılanması: Alanya (Antalya) Örneği**  
Baysal S., Yağbasan Ö.  
EJER Congress 2019, Ankara, Turkey, 19 - 22 June 2019, pp.95-96
- III. **Türkiye'deki Fay Hatlarıyla Depremler Arasındaki İlişkinin Öğrencilere Anlatımında, CBS Ortamında Hazırlanan Materyallerin Etkisi**  
Kırıcı H. K., Yağbasan Ö.  
EJER Congress 2019, Ankara, Turkey, 19 - 22 June 2019, pp.97-98
- IV. **Burdur Gölleri Havzası'nın Morfolojik Özelliklerinin Belirlenmesinde Coğrafi Bilgi Sistemlerinin Kullanımı**  
Yarıcı M. A., YAĞBASAN Ö.  
TÜCAUM 30. YIL ULUSLARARASI COĞRAFYA SEMPOZYUMU, Ankara, Turkey, 3 - 06 October 2018, pp.822-833
- V. **Madencilikte Hidrojeolojinin Önemi ve Problemleri**  
YAZICIGİL H., PEKSEZER SAYIT A., YAĞBASAN Ö., ARGUNHAN Ç., KILIÇ H.  
ULUSAL HİDROJEOLJİ VE SU KAYNAKLARI SEMPOZYUMU, Ankara, Turkey, 27 - 29 September 2018, pp.8-16
- VI. **Analyses of Lakes Mogan and Eymir Water Level Variations: Causes and Consequences**  
YAĞBASAN Ö., YAZICIGİL H.  
IWA 2nd Regional Symposium on Water, Wastewater and Environment, İzmir, Turkey, 22 - 24 March 2017, pp.765-773
- VII. **Türkiye'nin Jeolojik Yapısı İle Maden Varlığı Arasındaki İlişkiler Sorunlar Öneriler**  
Yağbasan Ö.  
International Congress of the Turkish Association of Geographers as a joint event with the EUROGEO 2015 Conference, Ankara, Turkey, 21 - 23 May 2015, pp.129-135
- VIII. **İklim Değişikliğinin Küçük Menderes Havzası Yeraltısuyu Seviyelerine Etkisi**  
YAĞBASAN Ö.  
68. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 6 - 10 April 2015, pp.184-185
- IX. **Impacts of sea level rise increasing fresh water demand on sustainable groundwater management**  
UNSAL ERDEMLİ B., YAĞBASAN Ö., YAZICIGİL H.  
39th International Association of Hydrogeologists Congress, Niagara Falls, Canada, 16 - 21 September 2012, pp.154
- X. **İklim Değişikliğinin Mogan ve Eymir Göl Seviyeleri Üzerindeki Etkisinin Değerlendirmesi**  
YAĞBASAN Ö., YAZICIGİL H.  
64. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 25 - 29 April 2011, pp.115
- XI. **Assessment of upstream reservoirs on Mogan and Eymir Lakes in Central Turkey**  
YAĞBASAN Ö., YAZICIGİL H.  
HydroEco 2009, Viyana, Austria, 19 - 23 April 2009, pp.125-128
- XII. **Modelling of groundwater flow in Mogan and Eymir Lakes watershed in Central Turkey**  
YAĞBASAN Ö., YAZICIGİL H.  
ModelCARE 2007, Kopenhag, Denmark, 9 - 13 September 2007, vol.1, pp.344-349

## Other Publications

- I. **The place and importance of geophysical studies in hydrogeological studies**  
Yağbasan Ö.  
Other, pp.89-109, 2008

## **Metrics**

Publication: 28

Citation (WoS): 66

Citation (Scopus): 95

H-Index (WoS): 5

H-Index (Scopus): 6

## **Non Academic Experience**

University of California, Davis, İnşaat ve Çevre Mühendisliği Bölümü