

# Prof. GÜLAY ONUŞLUEL GÜL

## Personal Information

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## International Researcher IDs

ScholarID: UzoYH8MAAAAJ

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Publons / Web Of Science ResearcherID: A-1543-2018

ScopusID: 35362345600

Yoksis Researcher ID: 101437

## Education Information

Doctorate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Hidrolik-Hidroloji Ve Su Kaynakları (Dr), Turkey 1999 - 2005

Postgraduate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Hidrolik-Hidroloji Ve Su Kaynakları (YI) (Tezli), Turkey 1995 - 1999

Undergraduate, Dokuz Eylül University, Denizli Mühendislik Fakültesi, İnşaat Mühendisliği Pr., Turkey 1991 - 1991

## Foreign Languages

English, C2 Mastery

## Certificates, Courses and Trainings

Vocational Training, European Summerschool on Soil and Water Assessment Tool (SWAT), UNESCO-IHE Institute for Water Education, 2006

Vocational Training, Remote Sensing in Vegetation and Land Surface Process Modeling, Kobenhavns Universitet (University of Copenhagen), 2005

## Dissertations

Doctorate, Floodplain management based on the HEC-RAS modeling system, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Hidrolik-Hidroloji Ve Su Kaynakları (Dr), 2005

Postgraduate, Analysis of floods using the HEC-1 program package, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Hidrolik-Hidroloji Ve Su Kaynakları (YI) (Tezli), 1999

## Research Areas

Surface Water Engineering, Hydrology, Water Resources Planning and Management, Irrigation and Drainage

Engineering, Hydraulic Structures, Open Channel Flow

## Academic Titles / Tasks

Professor, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2023 - Continues  
Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2015 - 2023  
Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2011 - 2015  
Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1997 - 2011  
Assistant Professor, Danmarks Tekniske Universitet (Technical University of Denmark), Intsitute Of Environment And Resources, 2006 - 2008

## Academic and Administrative Experience

Fakülte AR-GE Komisyonu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, 2022 - Continues  
Scholarship Committee Member of Department, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2022 - Continues  
Academic Sub-Unit Data Collection Commission of Department, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2022 - Continues  
Sustainable Water Resources Sub-Field Coordinator, Dokuz Eylul University, Fen Bilimleri Enstitüsü, 2019 - Continues  
Member of the Department Education Committee, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2021 - 2022  
Adaptation/Exemption Committee Member, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2016 - 2021  
Water Resources Management and Control of Water Sourced Natural Disasters Research and Application Center Central Advisory Board Member, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2013 - 2016  
Internship Committee Member, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2011 - 2013

## Courses

### Doctorate

Ph.D. Research, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Ph.D. Thesis, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Hydrology of Floods, Doctorate, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
Ph.D. Seminar, Doctorate, 2018 - 2019, 2017 - 2018  
Ph.D. Research, Doctorate, 2016 - 2017, 2015 - 2016  
Stochastic Hydrology, Doctorate, 2010 - 2011

### Postgraduate

M.Sc. Seminar, Postgraduate, 2021 - 2022, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013  
M.Sc. Thesis, Postgraduate, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Nonparametric Inference in Hydrology, Postgraduate, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014  
M.Sc. Research, Postgraduate, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Hidrometrik Verilerin Değerlendirilmesi, Postgraduate, 2021 - 2022, 2019 - 2020

### Undergraduate

Su Yapılarının Tasarımı, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017,

2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Bitirme Projesi , Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Bitirme Projesi (İÖ), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Taşkın Kontrolü, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Water Resources Engineering, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Uygulamalı Hidroloji, Undergraduate, 2019 - 2020, 2012 - 2013, 2011 - 2012, 2010 - 2011

İstatistiğe Giriş, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Mühendislik Çizimleri, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Akışkanlar Mekaniği, Undergraduate, 2012 - 2013

## Supervised Theses

Onuşluel Gül G., Çok Amaçlı Haznelerde İşletme Stratejilerinin Su Güvenliği Kapsamında Değerlendirilmesi, Postgraduate, S.Zahid(Student), Continues

Onuşluel Gül G., Performing flood and drought simulations by using coupled land surface and hydrologic models for climate and disaster resilient smart cities, Doctorate, A.Kuzucu(Student), Continues

Onuşluel Gül G., Assessment of a Survivability Index for Drought Management in River Basins , Doctorate, M.CAN(Student), Continues

Onuşluel Gül G., Determination of drought conditions and trends in planned irrigation areas and catchments of the associated irrigation dams in operation, Postgraduate, Z.Eşsizoglu(Student), Continues

ONUŞLUEL GÜL G., Determination of the relationship between meteorological and hydrological drought in Küçük Menderes basin, Postgraduate, Ç.KERMEN(Student), 2019

ONUŞLUEL GÜL G., Küçük Menderes Akarsu Havzası'nda sürekli hidrolojik modellemenin uygulanması, Postgraduate, Y.A.(Student), 2016

ONUŞLUEL GÜL G., Investigation of temporal and spatial changes of drought in Seyhan basin, Postgraduate, A.KUZUCU(Student), 2016

ONUŞLUEL GÜL G., Risk based design under the effects of climate change, Postgraduate, E.BORA(Student), 2016

Onuşluel Gül G., Rosbjerg D., Hydrological Model Construction, Calibration and Validation for Havelse Catchment Using MIKE SHE, Postgraduate, K.Dikgola(Student), 2007

## Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Pamukkale Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İzmir Yüksek Teknoloji Enstitüsü, December, 2022

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, September, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Pamukkale Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Pamukkale Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İzmir Yüksek Teknoloji Enstitüsü, May, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Pamukkale Üniversitesi,

December, 2021

Doctoral Examination, Doctoral Examination, İzmir Yüksek Teknoloji Enstitüsü, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Pamukkale Üniversitesi, June, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Pamukkale Üniversitesi, November, 2020

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

- I. **Impact of climate change and land cover dynamics on nitrate transport to surface waters.**  
Boyacıoğlu H., Gunacti M. C., Barbaros F., Gul A., Gul G. O., Ozturk T., Kurnaz M. L.  
Environmental monitoring and assessment, vol.196, no.3, pp.270, 2024 (SCI-Expanded)
- II. **Analysis of Drought Dynamics over Annual Maximum Drought Severity Series Based on Daily Index Definitions**  
Kuzucu A., ONUŞLUEL GÜL G.  
Water Resources Management, vol.37, no.3, pp.1421-1436, 2023 (SCI-Expanded)
- III. **Attribution of changes in the water balance of a basin to land-use changes through combined modelling of basin hydrology and land-use dynamics**  
Günaçtı M. C., Aydın Kandemir F., Najar M., Kuzucu A., Uyar M., Barbaros F., Boyacıoğlu H., Onuşluel Gül G., Gül A.  
JOURNAL OF WATER AND CLIMATE CHANGE, vol.13, no.11, pp.4087-4104, 2022 (SCI-Expanded)
- IV. **Evaluating Impact of Land Use and Land Cover Change Under Climate Change on the Lake Marmara System**  
Günaçtı M. C., Onuşluel Gül G., Çetinkaya C. P., Gül A., Barbaros F.  
WATER RESOURCES MANAGEMENT, 2022 (SCI-Expanded)
- V. **Historical evidence of climate change impact on drought outlook in river basins: analysis of annual maximum drought severities through daily SPI definitions**  
ONUŞLUEL GÜL G., GÜL A., Najar M.  
NATURAL HAZARDS, vol.110, no.2, pp.1389-1404, 2022 (SCI-Expanded)
- VI. **Understanding and perceptions of climate change: a perspective of university stakeholders**  
Demirel B., Bıçakcıoğlu Peynirci N., Duman S., Madran C., Arbak Y., Sumer B., Özkul S., Baran T., Onuşluel Gül G., Fıstıkoğlu O., et al.  
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.18, pp.385-400, 2019 (SCI-Expanded)
- VII. **Entropy as a Variation of Information for Testing the Goodness of Fit**  
Baran T., Barbaros F., Gül A., Onuşluel Gül G.  
WATER RESOURCES MANAGEMENT, vol.32, no.15, pp.5151-5168, 2018 (SCI-Expanded)
- VIII. **Identification of coherent flood regions across Europe by using the longest streamflow records**  
Mediero L., Kjeldsen T. R., Macdonald N., Kohnova S., Merz B., Vorogushyn S., Wilson D., Albuquerque T., Bloesch G., Bogdanowicz E., et al.  
JOURNAL OF HYDROLOGY, vol.528, pp.341-360, 2015 (SCI-Expanded)
- IX. **Documentary evidence of past floods in Europe and their utility in flood frequency estimation**  
Kjeldsen T. R., Macdonald N., Lang M., Mediero L., Albuquerque T., Bogdanowicz E., Brazdil R., Castellarin A., David V., Fleig A., et al.  
JOURNAL OF HYDROLOGY, pp.963-973, 2014 (SCI-Expanded)
- X. **Investigating hydrologic alterations for wetland systems in terms of river environmental flows**  
GÜL A., ONUŞLUEL GÜL G., Dikmen A. C., Kuzucu A.  
WATER AND ENVIRONMENT JOURNAL, vol.28, no.3, pp.329-339, 2014 (SCI-Expanded)
- XI. **Nonstationarity in Flood Time Series**  
Onuşluel Gül G., Aşıkoğlu Ö. L., Gül A., Yasoglu F. G., Benzeden E.  
JOURNAL OF HYDROLOGIC ENGINEERING, vol.19, no.7, pp.1349-1360, 2014 (SCI-Expanded)
- XII. **Designating Restricted Areas around Drinking Water Sources through an Index-Based Spatial**

### **Approach**

GÜL A., ONUŞLUEL GÜL G., FISTIKOĞLU O.

JOURNAL OF HYDROLOGIC ENGINEERING, vol.19, no.5, pp.931-942, 2014 (SCI-Expanded)

- XIII. **Estimating flood exposure potentials in Turkish catchments through index-based flood mapping**  
ONUŞLUEL GÜL G.  
NATURAL HAZARDS, vol.69, no.1, pp.403-423, 2013 (SCI-Expanded)
- XIV. **A combined hydrologic and hydraulic modeling approach for testing efficiency of structural flood control measures**  
ONUŞLUEL GÜL G., Harmancioglu N., GÜL A.  
NATURAL HAZARDS, vol.54, no.2, pp.245-260, 2010 (SCI-Expanded)
- XV. **Modelling of hydrologic processes and potential response to climate change through the use of a multisite SWAT**  
ONUŞLUEL GÜL G., Rosbjerg D.  
WATER AND ENVIRONMENT JOURNAL, vol.24, no.1, pp.21-31, 2010 (SCI-Expanded)
- XVI. **Assessing climate change impacts on river flows and environmental flow requirements at catchment scale**  
ONUŞLUEL GÜL G., Rosbjerg D., GÜL A., Ondracek M., Dikgola K.  
ECOHYDROLOGY, vol.3, no.1, pp.28-40, 2010 (SCI-Expanded)

### **Articles Published in Other Journals**

- I. **Impacts of land use and climate change on streamflow and hydrological droughts in the Kucuk Menderes Basin, Turkiye: A future outlook**  
Onuşluel Gül G., Kuzucu A., Günaçtı M. C., Gül A.  
European Water, no.87/88, pp.21-32, 2024 (Peer-Reviewed Journal)
- II. **Türkiye’de tarımsal kuraklığın uzaktan algılama verileri ile Google Earth Engine üzerinden izlenmesi**  
Onuşluel Gül G.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.30, no.1, pp.71-80, 2024 (ESCI)
- III. **Küçük Menderes Havzası Örneğinde Su Kalitesinde Mevsimselliğin Parametrik Olmayan İstatistiksel Yöntemlerle Değerlendirilmesi**  
BARBAROS F., ONUŞLUEL GÜL G., BOYACIOĞLU H.  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, no.2, pp.195-207, 2021 (Peer-Reviewed Journal)
- IV. **Taşkın Frekans Analizinde Eşik Üstü Pikler Yönteminin Seyhan Havzası’nda Uygulanması**  
ONUŞLUEL GÜL G., GÜL A.  
Doğal Afetler ve Çevre Dergisi, vol.6, no.2, pp.268-281, 2020 (Peer-Reviewed Journal)
- V. **Modeling of Floods in Güvenç Basin, Ankara Using HEC-HMS**  
Bora E., Onuşluel Gül G.  
Turkish Journal of Water Science and Management, vol.3, no.1, pp.44-57, 2019 (Peer-Reviewed Journal)
- VI. **Analysis of drought severity in Seyhan river basin**  
Onuşluel Gül G., Kuzucu A.  
European Water, no.60, pp.211-217, 2017 (Peer-Reviewed Journal)
- VII. **An informational entropy application to test the goodness of fit of probability functions**  
Baran T., Barbaros F., Gül A., Onuşluel Gül G.  
European Water, vol.59, pp.39-44, 2017 (Peer-Reviewed Journal)
- VIII. **Su kaynaklı doğal afet Taşkın**  
ONUŞLUEL GÜL G., HARMANCIOĞLU H. N.  
Türkiye Mühendislik Haberleri, vol.472002, no.4-5-6, 2002 (Non Peer-Reviewed Journal)

## Books

- I. **WG2 Members's Reports: Turkey**  
ONUŞLUEL GÜL G., GÜL A.  
in: Review of Applied Statistical Methods for Flood Frequency Analysis in Europe, Castellarin, A., Kohnová, S., Gaál, L., Fleig, A., Salinas, J.L., Toumazis, A., Kjeldsen, T.R., Macdonald, N., Editor, Centre for Ecology & Hydrology, pp.115-120, 2012
- II. **Climate Change, Vulnerability Assessment and Adaptation Measures - Assessment of Impacts and Adaptation Measures - Water Resources**  
HARMANCIOĞLU H. N., ÖZKUL S., FISTIKOĞLU O., BARBAROS F., ONUŞLUEL GÜL G., DALKILIÇ H. Y., ÇETİNKAYA C. P.  
in: First National Communication of Turkey on Climate Change, Günay APAK, Bahar UBAY, Editor, UNDP - TR Çevre ve Orman Bakanlığı, Ankara, Ankara, pp.167-170, 2007
- III. **Modeling for Climate Change Effects in the Gediz and Büyük Menderes River Basins**  
Harmancioğlu H. N., Özkul S., Fıstıkoğlu O., Barbaros F., Onuşluel Gül G., Çetinkaya C. P.  
in: Climate Change Turkey- Impacts, Sectoral Analyses, Socio-Economic Dimensions, Prof. Dr. Çağlar Güven, Editor, United Nations Development Programme (UNDP) Turkey Office, Ankara, pp.18-22, 2007
- IV. **Su Kaynakları Yönetimi**  
HARMANCIOĞLU H. N., FISTIKOĞLU O., ÖZKUL S., ONUŞLUEL GÜL G., GÜL A., ÇETİNKAYA C. P.  
in: Su Yapıları Cilt I Su Kaynaklarının Geliştirilmesi, Ünal Öziş, Ferhat Türkman, Türkay Baran, Editor, DEÜ SUMER, İZMİR, İzmir, pp.1-20, 2006

## Papers Published in Refereed Scientific Meetings

- I. **Assessing Drought Conditions Using Precipitation Values Completed with K-Nearest Neighbors (KNN)**  
Yeşilyurt S. N., Yıldız E., Onuşluel Gül G., Dalkılıç H. Y.  
8th IAHR European Congress Water - Across Boundaries, Lisbon, Portugal, 4 - 07 June 2024, pp.1-10
- II. **A methodological approach for supporting socio-hydrological modelling of a complex Nexus system**  
Panciera C., Portoghese., Pagano A., Giordano R., Yeşilyurt S. N., Günaçtı M. C., Çetinkaya C. P., Onuşluel Gül G., Najjar M., Lopez E., et al.  
8th IAHR Europe Congress-Water Across Boundaries, Lisbon, Portugal, 4 - 07 June 2024, pp.1-10
- III. **Evaluating the Impact of Nature Based Solutions on Water Resources Management**  
Günaçtı M. C., Çetinkaya C. P., Onuşluel Gül G., Barbaros F., Gül A., Panciera C., Yaseen M., Maragkakı A., Pısınaras V., Vanino S., et al.  
Centennial Celebration and Congress of the International Union of Soil Sciences, Florence, Italy, 19 - 21 May 2024, pp.770
- IV. **Fuzzy cognitive mapping of stakeholders' perception of Nature-based Solutions for soil and water resources management**  
Günaçtı M. C., Yeşilyurt S. N., Barbaros F., Çetinkaya C. P., Pana E., Takavakoglou V., El-Din Abdın A., Yahya F., Khalil M., Spiteri A., et al.  
Centennial Celebration and Congress of the International Union of Soil Sciences, Florence, Italy, 19 - 21 May 2024, pp.771
- V. **An approach for assessing the sustainability of Mediterranean wetlands through a tailored handling of drought indices**  
Kuzucu A., Najjar M., Gül A., Onuşluel Gül G., Çetinkaya C. P.  
The 12th World Congress of the European Water Resources Association - EWRA2023: "Managing Water-Energy-Land-Food under Climatic, Environmental and Social Instability", Thessaloniki, Greece, 27 June - 01 July 2023, pp.1-2
- VI. **Land use and climate change impacts on streamflow and droughts in Küçük Menderes Basin, Türkiye**

Onuşluel Gül G., Kuzucu A., Najar M., Günaçtı M. C., Gül A.

The 12th World Congress of the European Water Resources Association (EWRA) on Water Resources and Environment, "Managing Water-Energy-Land-Food under Climatic, Environmental and Social Instability, Thessaloniki, Greece, 27 June - 01 July 2023, pp.51-52

- VII. **Fuzzy cognitive mapping of stakeholders' perception of water resources management**  
Günaçtı M. C., Çetinkaya C. P., Gül A., Onuşluel Gül G., Barbaros F.  
12th World Congress of the European Water Resources Association (EWRA) on Water Resources and Environment, Thessaloniki, Greece, 27 June - 01 July 2023, pp.349-350
- VIII. **Unravelling the complexity of water-ecosystems-food nexus through integrated modelling: The Doñana case study in SW Spain**  
Panciera C., Pagano A., Giordano R., Portoghese I., Vergine P., Bea M., Najar M., Günaçtı M. C., Onuşluel Gül G.  
12th World Congress of the European Water Resources Association (EWRA) on Water Resources and Environment, Thessaloniki, Greece, 27 June - 01 July 2023, pp.233-234
- IX. **Su ve Suyun Geleceği**  
ONUŞLUEL GÜL G.  
3. Uluslararası Su ve Sağlık Kongresi, Antalya, Turkey, 12 - 15 November 2019
- X. **Küçük Menderes Havzası'nın TUW Model ile Hidrolojik Olarak Modellenmesi**  
ONUŞLUEL GÜL G., Kuzucu A., GÜL A.  
10. Ulusal Hidroloji Kongresi, Muğla, Turkey, 9 - 12 October 2019, vol.1, pp.289-295
- XI. **Comparative study on the estimation of flood peaks based on the peaks-over-threshold method and annual maximum method**  
Onuşluel Gül G., Gül A.  
11th World Congress of EWRA, Madrid, Spain, 25 - 29 June 2019, pp.71-72
- XII. **Regional Frequency Analysis of Droughts in Küçük Menderes Basin**  
Onuşluel Gül G., Kuzucu A., Gül A.  
11th World Congress on Water Resources and Environment "Managing Water Resources for a Sustainable Future", Madrid, Spain, 25 - 29 June 2019, pp.73-74
- XIII. **Modeling of Monthly Precipitation by Using Stochastic Techniques**  
GÜNAÇTI M. C., BENZEDEN E., ONUŞLUEL GÜL G., KUZUCU A., ÇETİNKAYA C. P., BARAN T.  
4th International Conference Water Resources and Wetlands, Tulcea, Romania, 5 - 09 September 2018, pp.85-86
- XIV. **Understanding and Perceptions of Climate Change: A Perspective of University Stakeholders**  
DEMİREL B., DUMAN S., BIÇAKCIOĞLU N., MADRAN C., ARBAK Y., SÜMER B., ÖZKUL S., BARAN T., ONUŞLUEL GÜL G., FİSTİKOĞLU O., et al.  
7th Global Conference on Global Warming, İzmir, Turkey, 24 - 26 June 2018, pp.157-161
- XV. **FORECASTING DROUGHT BASED ON THE STANDARDIZED PRECIPITATION INDEX (SPI) IN KUCUK MENDERES BASIN, TURKEY**  
GÜNAÇTI M. C., ONUŞLUEL GÜL G., Benzeden E., Kuzucu A., ÇETİNKAYA C. P., BARAN T.  
4th International Conference on Water Resources and Wetlands, Tulcea, Romania, 5 - 09 September 2018, pp.184-189
- XVI. **ASSESSING ENVIRONMENTAL CONDITIONS FOR THE GEDİZ DELTA THROUGH ESTIMATED FLOWS AT THE UNGAUGED DELTA INLET**  
ONUŞLUEL GÜL G., GÜL A., Baran T., BARBAROS F., Yumuk H., Ceylan J.  
4th International Conference on Water Resources and Wetlands, Tulcea, Romania, 5 - 09 September 2018, pp.255-261
- XVII. **COMPARING TWO STREAMFLOW-BASED DROUGHT INDICES**  
Kermen C., Onuşluel Gül G.  
4th International Conference on Water Resources and Wetlands, Tulcea, Romania, 5 - 09 September 2018, pp.190-195
- XVIII. **Community Capacity Building in Higher Education against Climate Change**  
Özkul S., Baran T., Arbak Y., Madran C., Sümer B., Onuşluel Gül G., Fıstıkoğlu O., Gül A., Atrek B., Özgenç Aksoy A., et al.

4th International Water Congress, İzmir, Turkey, 2 - 04 November 2017, pp.747-755

- XIX. Analysis of Drought Severity in Seyhan River Basin**  
ONUŞLUEL GÜL G., KUZUCU A.  
10TH WORLD CONGRESS ON WATER RESOURCES AND ENVIRONMENT "PANTA RHEI", Atina, Greece, 5 - 09 July 2017
- XX. Analysis of Drought in Küçük Menderes River Basin using SPI and SPEI Drought Indices**  
ONUŞLUEL GÜL G., GÜL A., KUZUCU A.  
STAHY 2017 Workshop, VARŞOVA, Poland, 21 - 22 September 2017
- XXI. An informational entropy application to test the goodness of fit of probability functions**  
BARAN T., BARBAROS F., GÜL A., ONUŞLUEL GÜL G.  
10th World Congress of EWRA 'Panta Rhei', Atina, Greece, 5 - 09 July 2017, pp.403-408
- XXII. Ülkemizde ve Dünyada Taşkın Sorunları ve Taşkın Kontrolü**  
ONUŞLUEL GÜL G.  
2. Uluslararası Su ve Sağlık Kongresi, Antalya, Turkey, 13 - 17 February 2017
- XXIII. Generating catchment typologies in river basin systems in Turkey for setting priorities in flood mitigation**  
Onuşluel Gül G., Gül A.  
AGILE Helsinki 2016, Helsinki, Finland, 14 - 17 June 2016, pp.27-30
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European Water Resources Association (EWRA), Board Member, 2023 - Continues, Greece

Türkiye Ulusal Hidroloji Komisyonu (TUHK) Yüzey Suları Çalışma Grubu Üyesi, Member, 2013 - Continues, Turkey

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INTERNATIONAL ASSOCIATION OF HYDROLOGICAL SCIENCES, Member, 2006 - Continues, England

European Water Resources Association, Member, 2004 - Continues, Greece

İnşaat Mühendisleri Odası, Member, 1995 - Continues, Turkey

## Peer Reviews in Scientific Publications

Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, National Scientific Refreed Journal, November 2023

JOURNAL OF WATER AND CLIMATE CHANGE, SCI Journal, November 2023

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INTERNATIONAL JOURNAL OF RIVER BASIN MANAGEMENT, SCI Journal, June 2015  
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### **Scientific Project Refereeing**

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TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, August 2020  
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### **Tasks In Event Organizations**

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### **Scientific Research / Working Group Memberships**

Türkiye Ulusal Hidroloji Komisyonu İstatistiksel Hidroloji Çalışma Grubu, Dokuz Eylül University, Turkey, --, 2013 - Continues  
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### **Metrics**

Publication: 68  
Citation (WoS): 359  
Citation (Scopus): 372  
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### **Scholarships**

Postdoctoral Research Fellowship, TUBITAK, 2006 - 2007  
"Remote Sensing in Vegetation and Land Surface Process Modelling" kursuna katılım, Other International Organizations,

2005 - 2005

## **Awards**

Onuřluel Göl G., Project Performance Award, Tübitak, August 2017