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Personal Information

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International Researcher IDs

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ScopusID: 35362345600

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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

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

M.Sc. Seminar, Postgraduate, 2021 - 2022, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013
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
M.Sc. Thesis, Postgraduate, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
Ph.D. Research, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Bitirme Projesi (İÖ), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
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
Ph.D. Thesis, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Hidrometrik Verilerin Değerlendirilmesi, Postgraduate, 2021 - 2022, 2019 - 2020
Taşkin 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

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

İstatistikte 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

Ph.D. Research, Doctorate, 2016 - 2017, 2015 - 2016

Akışkanlar Mekanığı, Undergraduate, 2012 - 2013

Stochastic Hydrology, Doctorate, 2010 - 2011

Advising 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., Planlı Tarımsal Sulama Alanları ile İşletmedeki İlgili Sulama Barajlarına Ait Su Toplama Havzalarında Kuraklık Durum ve Eğilimlerinin Belirlenmesi, Postgraduate, Z.Eşsizoğlu(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 Havzasın'da 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.
Boyacioglu 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., Aydin 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., Bıçakcioğlu Peynirci N., Duman S., Madran C., Arbak Y., Sumer B., Özkul S., Baran T., Onuşluel Gül G., Fistikoğlu 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., Alburquerque T., Bloeschl G., Bogdanowicz E., et al.
JOURNAL OF HYDROLOGY, vol.528, pp.341-360, 2015 (SCI-Expanded)
- IX. 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)
- X. Nonstationarity in Flood Time Series
Onuşluel Gül G., Aşikoğlu Ö. L., Gül A., Yasoglu F. G., Benzeden E.
JOURNAL OF HYDROLOGIC ENGINEERING, vol.19, no.7, pp.1349-1360, 2014 (SCI-Expanded)
- XI. 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)
- XII. 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)
- XIII. 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)

- XIV. **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)

- 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)

Articles Published in Other Journals

- I. **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 BİLİMLERİ DERGİSİ, vol.30, no.1, pp.71-80, 2024 (ESCI)

- II. **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)

- III. **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)

- IV. **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)

- V. **Analysis of drought severity in Seyhan river basin**

Onuşluel Gül G., Kuzucu A.

European Water, no.60, pp.211-217, 2017 (Peer-Reviewed Journal)

- VI. **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)

- VII. **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 & Book Chapters

- 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., ÇETİN KAYA 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**
Harmancıoğlu H. N., Özkul S., Fıstıkçıoğlu 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 Özış, Ferhat Türkman, Türkay Baran, Editor, DEÜ SUMER, İZMİR, İzmir, pp.1-20, 2006

Refereed Congress / Symposium Publications in Proceedings

- I. A methodological approach for supporting socio-hydrological modelling of a complex Nexus system**
Panciera C., Portoghesi , Pagano A., Giordano R., Yeşilyurt S. N., Günaçtı M. C., Çetinkaya C. P., Onuşluel Gül G., Najar M., Lopez E., et al.
8th IAHR Europe Congress-Water Across Boundaries, Lisbon, Portugal, 4 - 07 June 2024, pp.1-10
- II. An approach for assessing the sustainability of Mediterranean wetlands through a tailored handling of drought indices**
Kuzucu A., Najar 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
- III. 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
- IV. Unravelling the complexity of water-ecosystems-food nexus through integrated modelling: The Doñana case study in SW Spain**
Panciera C., Pagano A., Giordano R., Portoghesi 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
- V. 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
- VI. Su ve Suyun Geleceği**
ONUŞLUEL GÜL G.
3. Uluslararası Su ve Sağlık Kongresi, Antalya, Turkey, 12 - 15 November 2019
- VII. 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
- VIII. 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
- IX. 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
- X. **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
- XI. **Understanding and Perceptions of Climate Change: A Perspective of University Stakeholders**
DEMİREL B., DUMAN S., BİÇAKCIOĞLU N., MADRAN C., ARBAK Y., SÜMER B., ÖZKUL S., BARAN T., ONUŞLUEL GÜL G., FİSTIKOĞLU O., et al.
7th Global Conference on Global Warming, İzmir, Turkey, 24 - 26 June 2018, pp.157-161
- XII. **ASSESSING ENVIRONMENTAL CONDITIONS FOR THE GEDIZ 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
- XIII. **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
- XIV. **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
- XV. **Community Capacity Building in Higher Education against Climate Change**
Özkul S., Baran T., Arbak Y., Madran C., Sümer B., Onuşluel Gül G., Fıstikoğlu O., Gül A., Atrek B., Özgenç Aksoy A., et al.
4th International Water Congress, İzmir, Turkey, 2 - 04 November 2017, pp.747-755
- XVI. **Analysis of Drought Severity in Seyhan River Basin**
ONUŞLUEL GÜL G., Kuzucu A.
10TH WORLD CONGRESSON WATER RESOURCES AND ENVIRONMENT "PANTA RHEI", Atina, Greece, 5 - 09 July 2017
- XVII. **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
- XVIII. **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
- XIX. **Ülkemizde ve Dünyada Taşkin Sorunları ve Taşkin Kontrolü**
ONUŞLUEL GÜL G.
2. Uluslararası Su ve Sağlık Kongresi, Antalya, Turkey, 13 - 17 February 2017
- XX. **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
- XXI. **Çevresel Değişikliklerin Tasarım Taşkin Değerleri Üzerine Etkilerinin Belirlenmesi**
Onuşluel Gül G., Gül A., Türkeş M.
4. Su Yapıları Sempozyumu, Antalya, Turkey, 19 - 20 November 2015, pp.250-259
- XXII. **A Spatial Attemp for Constructing Restriction Zones Around Water Reservoirs for Protecting Water Quality**
Gül A., Onuşluel Gül G.
European Water Resources Association 9th World Congress, İstanbul, Turkey, 10 - 13 June 2015, pp.1-11
- XXIII. **Sulak Alanlar İçin Çevresel Aksılardaki Hidrolojik Değişimlerin İncelenmesi**

- GÜL A., ONUŞLUEL GÜL G., DİKMEN A. Ç., KUZUCU A.
VII. Ulusal Hidroloji Kongresi, Isparta, Turkey, 26 - 27 September 2013
- XXIV. Seyhan ve İyidere Havzaları nda Modern Taşın Frekans Analizi**
ONUŞLUEL GÜL G., YAŞOĞLU F. G., GÜL A.
III. Ulusal Taşın Sempozyumu, İstanbul, Turkey, 29 - 30 April 2013, pp.1-8
- XXV. Detecting Risks for Turkey s Wetland Systems in terms of River Flows and Environmental Flow Requirements**
GÜL A., ONUŞLUEL GÜL G., KUZUCU A.
International Conference: Water Resourcesand Wetlands, Tulcea, Romania, 14 - 16 September 2012, pp.271-281
- XXVI. İzmir Bostanlı Havzası için Taşın Alanlarının HEC HMS ve HEC RAS Modelleri ile Belirlenmesi**
Onuşluel Güle G., Güle A.
II. Ulusal Taşın Sempozyumu, Afyonkarahisar, Turkey, 22 - 24 April 2010, pp.267-274
- XXVII. Utilization of Geoinformation Tools in Water Management Studies**
ONUŞLUEL GÜL G., GÜL A.
EWRA Symposium on Water Resources Management: Risks and Challenges for the 21st Century, İzmir, Turkey, 2 - 04 September 2004, vol.2, pp.723-731
- XXVIII. Assessment and Redesign of Water Quality Monitoring Networks**
Harmancıoğlu N., Özkul S., Onuşluel Güle G.
International Conference on Automation in Water Quality Monitoring, Vienna, Austria, 21 - 22 May 2002, pp.217-224
- XXIX. Su Kaynaklarının Yönetimi ve Karar Vermede Bilgisayar Modellerinin Kullanımı**
Özkul S., Onuşluel Güle G., Harmancıoğlu N.
III. Ulusal Hidroloji Kongresi, İzmir, Turkey, 27 - 29 June 2001, pp.311-322
- XXX. Sustainable Management of Water-Short Basins**
Harmancıoğlu N., Onuşluel Güle G.
International Symposium on Scientists and Decision Makers Acting Together for Sustainable Management of Our River Systems, Lyon, France, 6 - 08 June 2001, pp.1-10
- XXXI. Using the HEC 1 Basin Simulation Model in Flood Analysis**
Onuşluel Güle G., Harmancıoğlu H. N.
Türkiye İnşaat Mühendisliği XV. Teknik Kongre ve Sergisi, Ankara, Turkey, 24 - 26 November 1999, pp.781-796
- XXXII. The Role of Modeling in Environmental Decision Making**
HARMANCIÖĞLU H. N., ONUŞLUEL GÜL G., GÜL A.
International Conference on Water, Environment, Ecology, Socio-Economics, and HealthEngineering, Seoul, South Korea, 18 October - 21 September 1999, pp.0-5
- XXXIII. İçmesuyu Pissu ve Yağmursuyu Drenajı Şebekelerinin İşletiminde Bilgisayar Modellerinin Kullanımı**
Harmancıoğlu H. N., Onuşluel Güle G., Güle A.
ASKİ Su ve Kanalizasyon Sempozyumu, Ankara, Turkey, 10 - 11 September 1999, pp.11-16

Supported Projects

Gül A., Onuşluel Güle G., Çetinkaya C. P., Barbaros F., Günaçti M. C., Özgenç Aksoy A., Boyacioğlu H., Doğan M., Zammit E., Doğanlar O. C., et al., Horizon Europe Project, TRANSFORMING ADVANCED WATER SKILLING THROUGH THE CREATION OF A NETWORK OF EXTENDED REALITY WATER EMULATIVE CENTRES, 2022 - 2025

Çetinkaya C. P., Güle G., Onuşluel Güle G., Barbaros F., Günaçti M. C., Takavakoglou V., Horizon Europe Project, Safeguarding the livelihood of rural communities and the environment in the Mediterranean through Nature-based Solutions, 2022 - 2025

Gül A., Onuşluel Güle G., Çetinkaya C. P., Barbaros F., Günaçti M. C., Fabiani S., YEŞİLYURT S. N., H2020 Project, Learning and action alliances for Nexus environments in an uncertain future (LENSES), 2021 - 2024

Boyacioğlu H., Güle G., Onuşluel Güle G., Barbaros F., Günaçti M. C., TUBITAK Project, İklim değişikliği etkisinde sürdürülebilir su yönetimi için hidrolojik riskler ve su kalitesi değişimi (İKLİM-RİSK), 2018 - 2021

Özkul S., Madran C., Demirel B., Duman S., Fıstıkçıoğlu O., Özgenç Aksoy A., Onuşluel Gül G., Gül A., Doğan M., Barbaros F., AB IPA Project, Community Capacity Building in Higher Education Against Climate Change: Managing Perceptions, Raising Awareness and Strengthening the Resilience, 2017 - 2019

Onuşluel Gül G., Barbaros F., Gül A., Aşikoğlu Ö. L., TÜBİTAK - AB COST Project, Taşkin Frekans Tahmini Yöntemlerinin Çevresel Değişiklikler Altında Değerlendirilmesi ARTEMİS, 2010 - 2013

Harmancıoğlu N., Özkul S., Fıstıkçıoğlu O., Gül A., Onuşluel Gül G., Çetinkaya C. P., Barbaros F., FP6 Project, Participatory multi Level EO assisted tools for Irrigation water management and Agricultural Decision Support PLEIADeS, 2006 - 2009

Harmancıoğlu N., Özkul S., Fıstıkçıoğlu O., Gül A., Onuşluel Gül G., Çetinkaya C. P., Barbaros F., FP6 Project, Optimization for Sustainable Water Management OPTIMA, 2004 - 2007

Harmancıoğlu N., Özkul S., Fıstıkçıoğlu O., Baran T., Gül A., Onuşluel Gül G., Çetinkaya C. P., Barbaros F., FP6 Project, Network on Governance Science and Technology for Sustainable Water Resource Management in the Mediterrenean The role of DSS tools NOSTRUM DSS, 2004 - 2007

Harmancıoğlu N., Özkul S., Fıstıkçıoğlu O., Onuşluel Gül G., Çetinkaya C. P., Barbaros F., United Nations Development Program - UNDP Supported Project, Enabling Activities for the Preparation of Turkey's Initial National Communication to the UNFCCC, 2006 - 2006

Harmancıoğlu N., Özkul S., Fıstıkçıoğlu O., Onuşluel Gül G., Çetinkaya C. P., Barbaros F., Municipality, Gediz Havzası'nın İzmir Büyükşehir Belediyesi Sınırları İçinde Kalan Bölümünde Kirlilik Etüdü Projesi, 2005 - 2006

Gül A., Onuşluel Gül G., Barbaros F., Harmancıoğlu H. N., TÜBİTAK International Bilateral Joint Cooperation Program Project, Natural Environment Anthropogenic Impact on Internal Waters Integrated Surveillance Methods for Pollution Measurement and Risk Assessment, 2002 - 2005

Harmancıoğlu N., Özkul S., Fıstıkçıoğlu O., Gül A., Onuşluel Gül G., Çetinkaya C. P., Barbaros F., FP5 Project, Sustainable Management of Scarce Resources in the Coastal Zone SMART, 2002 - 2005

Harmancıoğlu N., Özkul S., Fıstıkçıoğlu O., Onuşluel Gül G., Çetinkaya C. P., Barbaros F., Project Supported by Other Official Institutions, Development of Water Inventory Studies in the Euphrates and Tigris Basins, 2002 - 2005

ÇETİNKAYA C. P., ÖZKUL S., ONUŞLUEL GÜL G., FISTIKOĞLU O., BARBAROS F., TUBITAK Project, DSİ'nin Su Kalitesi İzleme Ağlarında Verimlilik Analizi Ölçüm Ağı İyileştirilmesi II, 2001 - 2003

Onuşluel Gül G., Harmancıoğlu H. N., Project Supported by Other Private Institutions, İzmir Atatürk Organized Industrial Zone (IAOSB) Drinking Water Distribution System Application Project, 2002 - 2002

Onuşluel Gül G., Harmancıoğlu H. N., Project Supported by Other Private Institutions, İzmir Atatürk Organized Industrial Zone (IAOSB) Stormwater Drainage Project, 2002 - 2002

Onuşluel Gül G., Çetinkaya C. P., Barbaros F., Fıstıkçıoğlu O., Özkul S., Boyacıoğlu H., Gül A., Harmancıoğlu H. N., Other International Funding Programs, Institutional Support Systems Project the Turkey Activity, 1999 - 2000

Harmancıoğlu N., Özkul S., Fıstıkçıoğlu O., Onuşluel Gül G., Barbaros F., TUBITAK Project, DSİ'nin Su Kalitesi İzleme Ağlarında Verimlilik Analizi Ölçüm Ağı İyileştirilmesi I, 1997 - 1999

Onuşluel Gül G., Harmancıoğlu H. N., Project Supported by Other Official Institutions, Using HEC-1 Computer Simulation Model in Flood Analysis and Application to Gediz Basin, 1997 - 1999

Memberships / Tasks in Scientific Organizations

European Water Resources Association (EWRA), Board Member, 2023 - Continues, Greece

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

Türkiye Ulusal Hidroloji Komisyonu (TUHK) İstatistiksel Hidroloji Çalışma Grubu, Member, 2013 - Continues, Turkey

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

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

İnşaat Mühendisleri Odası, Member, 1995 - Continues, Turkey

Scientific Refereeing

JOURNAL OF WATER AND CLIMATE CHANGE, SCI Journal, November 2023
JOURNAL OF WATER AND CLIMATE CHANGE, SCI Journal, October 2023
WATER RESOURCES MANAGEMENT, SCI Journal, October 2023
JOURNAL OF WATER AND CLIMATE CHANGE, SCI Journal, March 2023
Project Supported by Higher Education Institutions, BAP Research Project, Izmir Kavram Vocational College Of Higher Education, Turkey, February 2023
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, March 2021
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Nuh Naci Yazgan University, Turkey, August 2020
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, August 2020
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, August 2020
TÜRK HİGIYEN VE DENEYSEL BIYOLOJİ DERGİSİ. TURKISH BULLETIN OF HYGIENE AND EXPERIMENTAL BIOLOGY, National Scientific Refreed Journal, April 2020
NATURAL HAZARDS, SCI Journal, September 2019
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, November 2018
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, June 2018
JOURNAL OF HYDROLOGY, SCI Journal, May 2018
WATER RESOURCES MANAGEMENT, SCI Journal, January 2018
JOURNAL OF HYDROLOGY, National Scientific Refreed Journal, January 2018
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, November 2017
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, October 2017
JOURNAL OF WATER AND CLIMATE CHANGE, SCI Journal, September 2017
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, July 2017
JOURNAL OF HYDROLOGIC ENGINEERING, SCI Journal, March 2017
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, February 2017
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, Journal Indexed in SCI-E, October 2016
JOURNAL OF HYDROLOGIC ENGINEERING, SCI Journal, August 2016
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, Journal Indexed in SCI-E, August 2016
JOURNAL OF HYDROLOGIC ENGINEERING, SCI Journal, May 2016
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, March 2016
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, Journal Indexed in SCI-E, February 2016
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, Journal Indexed in SCI-E, December 2015
INTERNATIONAL JOURNAL OF RIVER BASIN MANAGEMENT, SCI Journal, June 2015
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Suleyman Demirel University, Turkey, June 2015
JOURNAL OF HYDROLOGIC ENGINEERING, SCI Journal, March 2010
JOURNAL OF HYDROLOGIC ENGINEERING, SCI Journal, March 2009
JOURNAL OF HYDROLOGIC ENGINEERING, SCI Journal, October 2008
JOURNAL OF HYDROLOGIC ENGINEERING, SCI Journal, August 2008
JOURNAL OF HYDROLOGIC ENGINEERING, National Scientific Refreed Journal, April 2008

Tasks In Event Organizations

Duman S., Onuşluel Gül G., Gül A., Barbaros F., Günaçtı M. C., WATERLINE Projesi - Uygulayıcı Paydaş Grubu Çalıştayı, Workshop Organization, Turkey, Aralık 2023

Scientific Research / Working Group Memberships

Türkiye Ulusal Hidroloji Komisyonu İstatistiksel Hidroloji Çalışma Grubu, Dokuz Eylül University, Türkiye, --, 2013 - Continues

Türkiye Ulusal Hidroloji Komisyonu Yüzey Suları Çalışma Grubu, Dokuz Eylül University, Türkiye, --, 2013 - Continues

Metrics

Publication: 64

Citation (WoS): 213

Citation (Scopus): 205

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H-Index (Scopus): 6

Scholarships

Postdoctoral Research Fellowship, TUBITAK, 2006 - 2007

"Remote Sensing in Vegetation and Land Surface Process Modelling" kursuna katılım, Other International Organizations, 2005 - 2005

Awards

Onuşluel Gül G., Project Performance Award, Tübitak, August 2017