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Yoksis Araştırmacı ID: [193227](https://yoksis.metu.edu.tr/193227)

Araştırma Alanları

Yüzey Suları Mühendisliği, Hidroloji, Su Kaynaklarının Planlanması, Tasarımı ve Yönetimi, Yeraltı Suları Mühendisliği

Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2024 - Devam Ediyor

Doç. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - 2024

Dr. Öğr. Üyesi, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - 2018

Yrd. Doç. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2014 - 2018

Öğretim Görevlisi, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2013 - 2014

Verdiği Dersler

ESTIMATION AND ANALYSIS OF SPATIO-TEMPORAL HYDROMETEOROLOGICAL DATA, Lisans, 2022 - 2023

UNCERTAINTY AND DATA ANALYSIS, Lisans, 2017 - 2018

MODELING IN STATISTICAL HYDROLOGY, Yüksek Lisans, 2018 - 2019

ENVIRONMENTAL ENGINEERING HYDROLOGY, Lisans, 2018 - 2019

Yönetilen Tezler

Yılmaz M. T., Yücel İ., Accuracy analyses of numeric weather prediction-based stratiform and convective precipitation short-term forecasts over Turkey, Yüksek Lisans, B.AYDIN(Öğrenci), 2023

Yılmaz M. T., Assessing the performance of a novel HBV model: a comparative analysis with existing HBV-Light model and climate projections, Yüksek Lisans, S.YILMAZ(Öğrenci), 2023

Yılmaz M. T., Multispectral multi-temporal crop cover classification over türkiye using random forest algorithm, Yüksek Lisans, E.DÖNMEZ(Öğrenci), 2022

Yılmaz M. T., Yücel İ., Evaluation of the WRF & WRF-Hydro modeling system to better understand the hydrometeorological interactions over humid and semi-arid climate conditions, Doktora, E.DÜZENLİ(Öğrenci), 2022

Yılmaz M. T., Investigating the effects of climate change on the surface runoff potential over Kizilirmak basin, Yüksek Lisans, N.BURAK(Öğrenci), 2022

Yılmaz M. T., Impact of climate change over the variability of drought characteristics over 25 basins of Turkey, Yüksek Lisans, N.ERHAN(Öğrenci), 2022

YILMAZ M. T., Estimation of wheat yields by using remotely sensed and modeled agro-meteorological data-driven statistical and crop growth models, Doktora, B.BULUT(Öğrenci), 2021

YILMAZ M. T., Model ve uydu tabanlı yağış ürünlerini değişken iklim ve topoğrafya üzerinde değerlendirmek ve birleştirmek., Doktora, M.Amjad(Öğrenci), 2020

Yılmaz M. T., Öztürk K., Estimation of bias-corrected high-resolution radar precipitation maps using the radar and rain gauge network over Turkey, Yüksek Lisans, K.PATAKCHI(Öğrenci), 2020

Yılmaz M. T., Detection of reservoir water levels using landsat remote sensing data over Ermenek and Altınkaya dams, Yüksek Lisans, A.ULVI(Öğrenci), 2019

YILMAZ M. T., Investigation of added utility of nonlinear techniques in rescaling soil moisture datasets, Doktora, M.HESAMI(Öğrenci), 2019

Yılmaz M. T., Intercomparison of GRACE-based groundwater level change and in-situ measurements over Central Anatolia Basins, Turkey, Yüksek Lisans, İ.GÜL(Öğrenci), 2019

YILMAZ M. T., Predictability of monthly streamflow discharge using remotesensing precipitation data by data driven models, Yüksek Lisans, M.ALİ(Öğrenci), 2017

YILMAZ M. T., Decadal variability analysis of extreme precipitation in Turkey and its relationship with teleconnection patterns, Yüksek Lisans, E.DÜZENLİ(Öğrenci), 2017

YILMAZ M. T., Evaluation of the consistency of station-based soil moisture measurements with hydrological model and remote sensing observations over Turkey, Yüksek Lisans, B.BULUT(Öğrenci), 2015

Tasarladığı Dersler

Yılmaz M. T., ESTIMATION AND ANALYSIS OF SPATIO-TEMPORAL HYDROMETEOROLOGICAL DATA, Lisans, 2021 - 2022

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **High-Resolution Climate Simulations Over the Eastern Mediterranean Black Sea Region Using the Pseudo-Global Warming Method With a CMIP6 Ensemble**
Bağçacı S. Ç., YÜCEL İ., YILMAZ M. T., Şen O. T., Ludwig P.
Journal of Geophysical Research: Atmospheres, cilt.129, sa.10, 2024 (SCI-Expanded)
- II. **Historical variability of Coupled Model Intercomparison Project Version 6 (CMIP6)-driven surface winds and global reanalysis data for the Eastern Mediterranean**
Çetin I., YÜCEL İ., YILMAZ M. T., ÖnoI B.
Theoretical and Applied Climatology, cilt.155, sa.5, ss.4101-4121, 2024 (SCI-Expanded)
- III. **Evaluation of the fully coupled WRF and WRF-Hydro modelling system initiated with satellite-based soil moisture data**
Duzenli E., YÜCEL İ., YILMAZ M.
HYDROLOGICAL SCIENCES JOURNAL, cilt.69, sa.6, ss.691-708, 2024 (SCI-Expanded)
- IV. **Investigating the comparative utility of ECMWF precipitation forecasts as an alternative to reanalysis data**
Amjad M., YILMAZ M. T., YÜCEL İ., YILMAZ K. K., Öztürk K.
Hydrological Sciences Journal, cilt.69, sa.8, ss.1060-1081, 2024 (SCI-Expanded)
- V. **An explainable two-stage machine learning approach for precipitation forecast**
Senocak A. U. G., YILMAZ M. T., KALKAN S., YÜCEL İ., Amjad M.
Journal of Hydrology, cilt.627, 2023 (SCI-Expanded)
- VI. **CMIP6 Earth System Models Project Greater Acceleration of Climate Zone Change Due To Stronger Warming Rates**
Bayar A. S., YILMAZ M. T., YÜCEL İ., Dirmeyer P.

Earth's Future, cilt.11, sa.4, 2023 (SCI-Expanded)

- VII. **Impacts of Climate Change on Extreme Climate Indices in Türkiye Driven by High-Resolution Downscaled CMIP6 Climate Models**
Gumus B., Oruc S., Yücel I., Yilmaz M. T.
SUSTAINABILITY, cilt.15, ss.1-38, 2023 (SCI-Expanded)
- VIII. **Time-independent bias correction methods compared with gauge adjustment methods in improving radar-based precipitation estimates**
Yousefi K. P., YILMAZ M. T., Öztürk K., YÜCEL İ., YILMAZ K. K.
Hydrological Sciences Journal, cilt.68, sa.14, ss.1963-1983, 2023 (SCI-Expanded)
- IX. **Contribution of the satellite-data driven snow routine to a karst hydrological model**
ÇALLI S. S., Çallı K. Ö., Tuğrul Yılmaz M. T., ÇELİK M.
JOURNAL OF HYDROLOGY, cilt.607, 2022 (SCI-Expanded)
- X. **Global spatiotemporal consistency between meteorological and soil moisture drought indices**
HESAMI AFSHAR M., Bulut B., DÜZENLİ E., Amjad M., YILMAZ M. T.
Agricultural and Forest Meteorology, cilt.316, 2022 (SCI-Expanded)
- XI. **Sensitivity of WRF-derived hydrometeorological extremes to sea surface temperatures in regions with complex topography and diverse climate**
Pilatin H., YÜCEL İ., DÜZENLİ E., YILMAZ M. T.
Atmospheric Research, cilt.264, 2021 (SCI-Expanded)
- XII. **Improving WRF-Hydro runoff simulations of heavy floods through the sea surface temperature fields with higher spatio-temporal resolution**
Kilicarslan B. M., YÜCEL İ., Pilatin H., DÜZENLİ E., YILMAZ M. T.
HYDROLOGICAL PROCESSES, cilt.35, sa.9, 2021 (SCI-Expanded)
- XIII. **Intercomparison of the expected change in the temperature and the precipitation retrieved from CMIP6 and CMIP5 climate projections: A Mediterranean hot spot case, Turkey**
Bağçacı S. Ç., Yücel İ., Düzenli E., Yilmaz M. T.
ATMOSPHERIC RESEARCH, cilt.256, 2021 (SCI-Expanded)
- XIV. **Comparative Evaluation of Microwave L-Band VOD and Optical NDVI for Agriculture Drought Detection over Central Europe**
Afshar M., Al-Yaari A., YILMAZ M. T.
REMOTE SENSING, cilt.13, sa.7, 2021 (SCI-Expanded)
- XV. **Evaluating the performance of a WRF initial and physics ensemble over Eastern Black Sea and Mediterranean regions in Turkey**
Düzenli E., Yücel İ., Pilatin H., Yilmaz M. T.
Atmospheric Research, cilt.248, 2021 (SCI-Expanded)
- XVI. **Climate change impact assessment on mild and extreme drought events using copulas over Ankara, Turkey**
Afshar M., Sorman A. U., Tosunoglu F., Bulut B., YILMAZ M. T., MEHR A. D.
THEORETICAL AND APPLIED CLIMATOLOGY, cilt.141, sa.3-4, ss.1045-1055, 2020 (SCI-Expanded)
- XVII. **Performance evaluation of satellite- and model-based precipitation products over varying climate and complex topography**
Amjad M., YILMAZ M. T., YÜCEL İ., YILMAZ K. K.
JOURNAL OF HYDROLOGY, cilt.584, 2020 (SCI-Expanded)
- XVIII. **Impact of Rescaling Approaches in Simple Fusion of Soil Moisture Products**
Afshar M., YILMAZ M. T., Crow W. T.
WATER RESOURCES RESEARCH, cilt.55, sa.9, ss.7804-7825, 2019 (SCI-Expanded)
- XIX. **Evaluation of Remotely-Sensed and Model-Based Soil Moisture Products According to Different Soil Type, Vegetation Cover and Climate Regime Using Station-Based Observations over Turkey**
Bulut B., YILMAZ M. T., Afshar M., Sorman A. U., YÜCEL İ., Cosh M. H., Simsek O.
REMOTE SENSING, cilt.11, sa.16, 2019 (SCI-Expanded)
- XX. **Decadal variability analysis of extreme precipitation in Turkey and its relationship with**

teleconnection patterns

Duzenli E., Tabari H., Willems P., YILMAZ M. T.

Hydrological Processes, cilt.32, sa.23, ss.3513-3528, 2018 (SCI-Expanded)

- XXI. **Uydu Kaynaklı Yağmur Verilerinin Hata Oranlarının Deniz Kıyılarına Olan Uzaklığına Bağlı Analizi**
Yılmaz m., Amjad m., Bulut b., YILMAZ M. T.
Teknik Dergi, cilt.484, ss.7993-8005, 2017 (SCI-Expanded)
- XXII. **The added utility of nonlinear methods compared to linear methods in rescaling soil moisture products**
Afshar M., YILMAZ M. T.
REMOTE SENSING OF ENVIRONMENT, cilt.196, ss.224-237, 2017 (SCI-Expanded)
- XXIII. **Monthly flooded area classification using low resolution SAR imagery in the Sudd wetland from 2007 to 2011**
Wilusz D. C., Zaitchik B. F., Anderson M. C., Hain C. R., YILMAZ M. T., Mladenova I. E.
REMOTE SENSING OF ENVIRONMENT, cilt.194, ss.205-218, 2017 (SCI-Expanded)
- XXIV. **Investigation of the dependence of satellite-based precipitation estimate errors to distance from the coastline Uydu Kaynaklı Yağmur Verilerinin Hata Oranlarının Deniz Kıyılarına Olan Uzaklığına Bağlı Analizi**
YILMAZ M., Amjad M., Bulut B., YILMAZ M. T.
Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, cilt.28, sa.3, ss.7993-8005, 2017 (SCI-Expanded)
- XXV. **Conditional Copula-Based Spatial-Temporal Drought Characteristics Analysis-A Case Study over Turkey**
Afshar M., Sorman A. U., YILMAZ M. T.
WATER, cilt.8, sa.10, 2016 (SCI-Expanded)
- XXVI. **Türkiye deki 2007 ve 2013 Yılı Kuraklıklarının NOAH Hidrolojik Modeli ile İncelenmesi**
bulut b., YILMAZ M. T.
Teknik Dergi, cilt.27, sa.4, ss.7619-7634, 2016 (SCI-Expanded)
- XXVII. **Analysis of the 2007 and 2013 Droughts in Turkey by NOAH Hydrological Model**
Bulut B., YILMAZ M. T.
TEKNIK DERGI, cilt.27, sa.4, ss.7619-7634, 2016 (SCI-Expanded)
- XXVIII. **Impact of Model Relative Accuracy in Framework of Rescaling Observations in Hydrological Data Assimilation Studies**
YILMAZ M. T., Crow W. T., Ryu D.
JOURNAL OF HYDROMETEOROLOGY, cilt.17, sa.8, ss.2245-2257, 2016 (SCI-Expanded)
- XXIX. **The Evaporative Stress Index as an indicator of agricultural drought in Brazil: An assessment based on crop yield impacts**
Anderson M. C., Zolin C. A., Sentelhas P. C., Hain C. R., Semmens K., YILMAZ M. T., Gao F., Otkin J. A., Tetrault R.
REMOTE SENSING OF ENVIRONMENT, cilt.174, ss.82-99, 2016 (SCI-Expanded)
- XXX. **Optimal averaging of soil moisture predictions from ensemble land surface model simulations**
Crow W. T., Su C. -, Ryu D., YILMAZ M. T.
WATER RESOURCES RESEARCH, cilt.51, sa.11, ss.9273-9289, 2015 (SCI-Expanded)
- XXXI. **Comparison of satellite-derived LAI and precipitation anomalies over Brazil with a thermal infrared-based Evaporative Stress Index for 2003-2013**
Anderson M. C., Zolin C. A., Hain C. R., Semmens K., YILMAZ M. T., Gao F.
JOURNAL OF HYDROLOGY, cilt.526, ss.287-302, 2015 (SCI-Expanded)
- XXXII. **Diagnosing Neglected Soil Moisture Source-Sink Processes via a Thermal Infrared-Based Two-Source Energy Balance Model**
Hain C. R., Crow W. T., Anderson M. C., YILMAZ M. T.
JOURNAL OF HYDROMETEOROLOGY, cilt.16, sa.3, ss.1070-1086, 2015 (SCI-Expanded)
- XXXIII. **An intercomparison of remotely sensed soil moisture products at various spatial scales over the Iberian Peninsula**

- Parinussa R., Yilmaz M. T., Anderson M., Hain C., de Jeu R.
Hydrological Processes, cilt.28, sa.18, ss.4865-4876, 2014 (SCI-Expanded)
- XXXIV. **Evaluation of Assumptions in Soil Moisture Triple Collocation Analysis**
YILMAZ M. T., Crow W. T.
JOURNAL OF HYDROMETEOROLOGY, cilt.15, sa.3, ss.1293-1302, 2014 (SCI-Expanded)
- XXXV. **Comparison of prognostic and diagnostic surface flux modeling approaches over the Nile River basin**
YILMAZ M. T., Anderson M. C., Zaitchik B., Hain C. R., Crow W. T., Ozdogan M., Chun J. A., Evans J.
WATER RESOURCES RESEARCH, cilt.50, sa.1, ss.386-408, 2014 (SCI-Expanded)
- XXXVI. **The Auto-Tuned Land Data Assimilation System (ATLAS)**
Crow W. T., YILMAZ M. T.
WATER RESOURCES RESEARCH, cilt.50, sa.1, ss.371-385, 2014 (SCI-Expanded)
- XXXVII. **The optimality of potential rescaling approaches in land data assimilation**
Tugrul Yilmaz M. T., Crow W. T.
Journal of Hydrometeorology, cilt.14, sa.2, ss.650-660, 2013 (SCI-Expanded)
- XXXVIII. **An objective methodology for merging satellite- and model-based soil moisture products**
Yilmaz M. T., Crow W., Anderson M., Hain C.
Water Resources Research, cilt.48, sa.11, 2012 (SCI-Expanded)
- XXXIX. **Towards an integrated soil moisture drought monitor for East Africa**
Anderson W., Zaitchik B., Hain C., Anderson M., Yilmaz M. T., Mecikalski J., Schultz L.
Hydrology and Earth System Sciences, cilt.16, sa.8, ss.2893-2913, 2012 (SCI-Expanded)
- XL. **Reducing water imbalance in land data assimilation: Ensemble filtering without perturbed observations**
Yilmaz M. T., Delsole T., Yilmaz M. T.
Journal of Hydrometeorology, cilt.13, sa.1, ss.413-420, 2012 (SCI-Expanded)
- XLI. **The impact of land surface temperature on soil moisture anomaly detection from passive microwave observations**
Parinussa R., Holmes T., Yilmaz M. T., Crow W.
Hydrology and Earth System Sciences, cilt.15, sa.10, ss.3135-3151, 2011 (SCI-Expanded)
- XLII. **Improving land data assimilation performance with a water budget constraint**
Yilmaz M. T., Delsole T., Houser P. R.
Journal of Hydrometeorology, cilt.12, sa.5, ss.1040-1055, 2011 (SCI-Expanded)
- XLIII. **Comparison of vegetation water contents derived from shortwave-infrared and passive-microwave sensors over central Iowa**
Hunt E. R., Li L., Yilmaz M. T., Jackson T. J.
Remote Sensing of Environment, cilt.115, sa.9, ss.2376-2383, 2011 (SCI-Expanded)
- XLIV. **Predictability of seasonal precipitation using joint probabilities**
Yilmaz M. T., DelSole T.
Journal of Hydrometeorology, cilt.11, sa.2, ss.533-541, 2010 (SCI-Expanded)
- XLV. **Optimally merging precipitation to minimize land surface modeling errors**
Tugrul Yilmaz M. T., Houser P., Shrestha R., Anantharaj V. G.
Journal of Applied Meteorology and Climatology, cilt.49, sa.3, ss.415-423, 2010 (SCI-Expanded)
- XLVI. **Remote sensing of vegetation water content from equivalent water thickness using satellite imagery**
Yilmaz M. T., Hunt Jr. E. R., Jackson T. J.
Remote Sensing of Environment, cilt.112, sa.5, ss.2514-2522, 2008 (SCI-Expanded)
- XLVII. **Vegetation water content during SMEX04 from ground data and Landsat 5 Thematic Mapper imagery**
Yilmaz M. T., Hunt Jr. E. R., Goins L. D., Ustin S. L., Vanderbilt V. C., Jackson T. J.
Remote Sensing of Environment, cilt.112, sa.2, ss.350-362, 2008 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Added utility of temperature zone information in remote sensing-based large scale crop mapping**
Donmez E., YILMAZ M. T., YÜCEL İ.
Remote Sensing Applications: Society and Environment, cilt.35, 2024 (ESCI)
- II. **Impacts of Biotechnologically Developed Microorganisms on Ecosystems**
Celebi D., YILMAZ M. T., DÜNDAR M.
Eurobiotech Journal, cilt.7, sa.4, ss.196-205, 2023 (ESCI)
- III. **Türkiye deki 2000 2015 yılları arasındaki evapotranspirasyonun Noah hidrolojik modeli ile incelenmesi**
YILMAZ M. T., Bulut B.
Dicle Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, cilt.7, ss.225-236, 2016 (Hakemli Dergi)
- IV. **Üçlü Eşleştirme Yöntemi ile Uydu ve Hidrolojik Model Kaynaklı Toprak Nemi Değerlerinin Hata Oranlarının Bulunması**
YILMAZ M. T.
Çukurova Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, cilt.31, ss.231-240, 2016 (Hakemli Dergi)
- V. **Enhancing model-based land surface temperature estimates using multiplatform microwave observations**
Holmes T. R. H., Crow W. T., Yilmaz M. T., Jackson T. J., Basara J. B.
Journal of Geophysical Research Atmospheres, cilt.118, sa.2, ss.577-591, 2013 (Scopus)

Kitap & Kitap Bölümleri

- I. **Mapping and Monitoring of Soil Moisture, Evapotranspiration and Agricultural Drought**
Yağcı A. L., Yilmaz M. T.
Agro-geoinformatics – Theory and Practice, Liping Di, Üstündağ Berk, Editör, Springer, Bern, ss.299-320, 2021

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **VARIABILITY OF PRECIPITATION UNDER THE EXPECTED CHANGE IN CLIMATE USING CMIP5 PROJECTIONS OVER ENTIRE TURKEY**
Yılmaz M. T., Ersoy E., Yücel İ.
14TH INTERNATIONAL CONFERENCE ON HYDROSCIENCE & ENGINEERING, İzmir, Türkiye, 26 Mayıs 2022, ss.1-12
- II. **IMPROVING WRF-HYDRO EXTREME RUNOFF SIMULATIONS THROUGH THE SEA SURFACE TEMPERATURE FIELDS WITH HIGHER SPATIOTEMPORAL RESOLUTION**
Kılıçarslan B., Yılmaz M. T., Yücel İ.
14TH INTERNATIONAL CONFERENCE ON HYDROSCIENCE & ENGINEERING, İzmir, Türkiye, 26 - 27 Mayıs 2022, ss.303-311
- III. **Evaluation of the performance of WRF model in extreme precipitation estimation concerning the changing model configuration and the spatial and temporal variations**
Duzenli E., Pilatin H., YÜCEL İ., Kılıçarslan B., YILMAZ M. T.
EGU General Assembly 2020, 4 - 08 Mayıs 2020
- IV. **Production of a High-Resolution Improved Radar Precipitation Estimation Map Using Gauge Adjustment Bias Correction Methods**
Yousefi K. P., YILMAZ M. T., Ozturk K., YÜCEL İ., YILMAZ K. K.
EGU General Assembly 2020, 4 - 08 Mayıs 2020
- V. **Estimation of Wheat Yield using Remotely Sensed and Modeled Data over Turkey**
bulut b., YILMAZ M. T., Afshar M.
EGU General Assembly 2020, 4 - 08 Mayıs 2020

- VI. **Evaluation of a Hydro-Meteorological Model System for Flood Forecasting of a Mediterranean Basin in Turkey**
Kılıçarslan B., Duzenli E., Pilatin H., YÜCEL İ., YILMAZ M. T.
EGU General Assembly 2020, 4 - 08 Mayıs 2020
- VII. **Evaluation of gauge adjustment methods in improving radar precipitation estimation quality over Antalya radar in Turkey.**
Yousufi K. P., YILMAZ M. T., Ozturk K., YÜCEL İ., YILMAZ K. K.
IV. Meteorolojik Uzaktan Algılama Sempozyumu, Türkiye, 11 - 15 Kasım 2019
- VIII. **Validation of TMPA and ECMWF Precipitation Estimates Using Gauge Based Observations over West Azarbayjan province of Iran**
Afshar M., amjad m., bulut b., Duzenli E., Yousufi K. P., YILMAZ M. T.
The 1st International and 4th National Congress on Iranian Irrigation and Drainage, 13 - 14 Kasım 2019
- IX. **Validation of TMPA and ECMWF Precipitation Estimates Using Gauge Based Observations over West Azarbayjan province of Iran**
Hesamı Afshar M., Amjad M., Bulut B., Düzenli E., Patakchi Yousufi K., Yılmaz M. T.
The 1st International and 4th National Congress on Iranian Irrigation and Drainage, Urmia, İran, 13 - 14 Kasım 2019
- X. **TMPA VE ECMWF yağış verilerinin yer gözlem verileriyle doğrulanması**
amjad m., Duzenli E., Afshar M., bulut b., Senocak A. U. G., YILMAZ K. K., YILMAZ M. T., YÜCEL İ.
10. Ulusal Hidroloji Kongresi, Türkiye, 9 - 12 Ekim 2019
- XI. **İklim Değişikliğinin Kuzey Ege Havzası Su Potansiyeline Olan Etkisinin Araştırılması**
YILMAZ M. T., bulut b., Afshar M., YÜCEL İ., Aras M., Ozaltın A. M., Dogan N., Barkis N., Tanir T., Ozcam B.
10. Ulusal Hidroloji Kongresi, Türkiye, 9 - 12 Ekim 2019
- XII. **Mahsul Büyüme Durumunun İzlenmesi İçin İha Görüntülerinden Elde Edilen Farklı Bitki Örtüsü İndekslerinin Değerlendirilmesi**
Feizolahpour F., Afshar M., Duzenli E., Besharat S., YILMAZ M. T.
X. Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliği (TUFUAB) Teknik Sempozyumu, Türkiye, 25 - 27 Nisan 2019
- XIII. **The Evaluation of Remotely-Sensed and Model-Based Soil Moisture Products According to Different Soil Type, Vegetation Cover and Climate Regime Using Station-Based Observations over Turkey**
Bulut B., Hesamı Afshar M., Yılmaz M. T.
EGU General Assembly 2019, Vienna, Avusturya, 7 - 12 Nisan 2019
- XIV. **Uncertainty Assessment of Satellite- and Model-based Precipitation Products over Complex Terrain of Turkey**
amjad m., YILMAZ M. T., YÜCEL İ., YILMAZ K. K.
EGU General Assembly 2019, 7 - 12 Nisan 2019
- XV. **The Evaluation of Remotely-Sensed and Model-Based Soil Moisture Products According to Different Soil Type, Vegetation Cover and Climate Regime Using Station-Based Observations over Turkey**
bulut b., Afshar M., YILMAZ M. T.
EGU General Assembly 2019, 7 - 12 Nisan 2019
- XVI. **Linear and Nonlinear Responses of Turkish Extreme Rainfall Oscillations to Large-Scale Atmospheric Circulations**
Duzenli E., tabari H., willems p., YILMAZ M. T.
EGU General Assembly 2019, 7 - 12 Nisan 2019
- XVII. **Validation of Remote Sensing- and Model-Based Soil Moisture Products Using Station-Based Observations Over Turkey**
bulut b., Afshar M., YILMAZ M. T.
ESA CCI Soil Moisture user workshop, 15 Kasım 2018 - 15 Kasım 2019
- XVIII. **Comparison of rescaling techniques in the framework of merging soil moisture time series**
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- XXI. Evaluation of Relations among Drought Indices and Remotely Sensed Soil**
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- XXII. Assessing Drought Using Cordex Ensemble Climate Models In Mediterranean Climate Region Of Turkey**
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- XXIII. Evaluation of Satellite and Model Precipitation Products Over Turkey**
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- XXIV. Assessment of Environmental Flows under Human Intervention and Climate Change Conditions in a Mediterranean Watershed**
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- XXXVIII. **Assessment of linear and nonlinear Techniques in soil moisture time series rescaling**

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- XL. **Inter comparison and accuracy assessment of TRMM 3B42 products over Turkey**

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- XLI. **Quality control of station based soil moisture observations retrieved over Turkey**

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- XLIV. **Tropical Rainfall Measuring Mission Uydu Kaynaklı Yağmur Verilerinin Yer Gözlemleri ile Karşılaştırılması**

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- XLVI. **Optimal averaging of soil moisture predictions from ensemble land surface model simulations**

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- XLVII. **Quality control of station based soil moisture observations over Turkey**

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- XLVIII. Impact of the difference between observation and model seasonality and anomaly components on hydrological data assimilation studies**
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- LI. Towards continuous remote estimates of flooded area in the Sudd Wetland**
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- LV. Satellite based water balance of the Nile River basin a multisensor approach**
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- LXX. **ALEXI analysis of water consumption in the Nile Basin**
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Yayın: 139

Atıf (WoS): 2029

Atıf (Scopus): 2321

H-İndeks (WoS): 23

H-İndeks (Scopus): 24

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