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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, George Mason University, Fen Bilimleri, Yer Sistemleri Bilimleri , Amerika Birleşik Devletleri 2006 - 2010
Yüksek Lisans, Vrije Universiteit Amsterdam, Yer Sistemleri Bilimleri, Yer Sistemleri Bilimleri, Hollanda 2003 - 2005
Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Türkiye 1998 - 2003

Yaptığı Tezler

Doktora, improving land data assimilation performance with a water budget constraint, George Mason University, 2010
Yüksek Lisans, vegetation water content estimation, Vrije Universiteit Amsterdam, 2005

Araştırma Alanları

Yüzeysel Sular Mühendisliği, Hidroloji, Su Kaynaklarının Planlanması, Tasarımı ve Yönetimi, Yeraltı Sular Mühendisliği

Akademik Unvanlar / Görevler

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

Yönetilen Tezler

YILMAZ M. T. , Model ve uydu tabanlı yağış ürünlerini değişken iklim ve topoğrafya üzerinde değerlendirmek ve birleştirmek, Doktora, M.Amjad(Öğrenci), 2020
YILMAZ M. T. , Investigation of added utility of nonlinear techniques in rescaling soil moisture datasets, Doktora, M.HESAMI(Öğrenci), 2019
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. , Predictability of monthly streamflow discharge using remotesensing precipitation data by data driven models, Yüksek Lisans, M.ALİ(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

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **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 İndekslerine Giren Dergi)
- II. **Performance of hydraulic structures, lifelines and industrial structures during October 30, 2020 Samos-Aegean sea earthquake**
Toprak S., Uçkan M. E., YILMAZ M. T., Cuceoglu F., GÜMÜŞAY M. Ü., NACAROĞLU E., Kaya E. S., Aksel M.
BULLETIN OF EARTHQUAKE ENGINEERING, 2022 (SCI İndekslerine Giren Dergi)
- III. **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 İndekslerine Giren Dergi)
- IV. **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 İndekslerine Giren Dergi)
- V. **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., Yılmaz M. T.
ATMOSPHERIC RESEARCH, cilt.256, 2021 (SCI İndekslerine Giren Dergi)
- VI. **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 İndekslerine Giren Dergi)
- VII. **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., Yılmaz M. T.
Atmospheric Research, cilt.248, 2021 (SCI İndekslerine Giren Dergi)
- VIII. **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 İndekslerine Giren Dergi)
- IX. **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 İndekslerine Giren Dergi)
- X. **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 İndekslerine Giren Dergi)
- XI. **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 İndekslerine Giren Dergi)
- XII. **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 İndekslerine Giren Dergi)
- XIII. **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 İndekslerine Giren Dergi)
- XIV. **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 İndekslerine Giren Dergi)

- XV. **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 İndekslerine Giren Dergi)
- XVI. **Investigation of the dependence of satellite-based precipitation estimate errors to distance from the coastline Uydu Kaynaklı Yağmur Verilerinin Hata Oranlarının Deniz Kuyularına Olan Uzaklığa 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 İndekslerine Giren Dergi)
- XVII. **Analysis of the 2007 and 2013 Droughts in Turkey by NOAA Hydrological Model**
Bulut B., YILMAZ M. T.
TEKNIK DERGI, cilt.27, sa.4, ss.7619-7634, 2016 (SCI İndekslerine Giren Dergi)
- XVIII. **Türkiye deki 2007 ve 2013 Yılı Kuraklıklarının NOAA Hidrolojik Modeli ile İncelenmesi**
bulut b., YILMAZ M. T.
Teknik Dergi, cilt.27, sa.4, ss.7619-7634, 2016 (SCI Expanded İndekslerine Giren Dergi)
- XIX. **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 İndekslerine Giren Dergi)
- XX. **Impact of Model Relative Accuracy in Framework of Resealing 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 İndekslerine Giren Dergi)
- XXI. **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 İndekslerine Giren Dergi)
- XXII. **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 İndekslerine Giren Dergi)
- XXIII. **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 İndekslerine Giren Dergi)
- XXIV. **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 İndekslerine Giren Dergi)
- XXV. **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 İndekslerine Giren Dergi)
- XXVI. **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 İndekslerine Giren Dergi)
- XXVII. **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 İndekslerine Giren Dergi)

- XXVIII. **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 İndekslerine Giren Dergi)
- XXIX. **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 İndekslerine Giren Dergi)
- XXX. **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 İndekslerine Giren Dergi)
- XXXI. **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 İndekslerine Giren Dergi)
- XXXII. **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 İndekslerine Giren Dergi)
- XXXIII. **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 İndekslerine Giren Dergi)
- XXXIV. **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 İndekslerine Giren Dergi)
- XXXV. **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 İndekslerine Giren Dergi)
- XXXVI. **Predictability of seasonal precipitation using joint probabilities**
Yilmaz M. T. , DelSole T.
Journal of Hydrometeorology, cilt.11, sa.2, ss.533-541, 2010 (SCI İndekslerine Giren Dergi)
- XXXVII. **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 İndekslerine Giren Dergi)
- XXXVIII. **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 İndekslerine Giren Dergi)
- XXXIX. **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 İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **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 (Diğer Kurumların Hakemli Dergileri)
- II. **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 (Diğer Kurumların Hakemli Dergileri)

III. 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 (Diğer Kurumların Hakemli Dergileri)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Evaluation of a Hydro-Meteorological Model System for Flood Forecasting of a Mediterranean Basin in Turkey**
Kılıçarslan B., Düzenli E., Pilatin H., YÜCEL İ., YILMAZ M. T.
EGU General Assembly 2020, 4 - 08 Mayıs 2020
- II. **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
- III. **Evaluation of the performance of WRF model in extreme precipitation estimation concerning the changing model configuration and the spatial and temporal variations**
Düzenli 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. **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
- VI. **Validation of TMPA and ECMWF Precipitation Estimates Using Gauge Based Observations over West Azarbayjan province of Iran**
Afshar M., amjad m., bulut b., Düzenli E., Yousufi K. P. , YILMAZ M. T.
The 1st International and 4th National Congress on Iranian Irrigation and Drainage, 13 - 14 Kasım 2019
- VII. **Validation of TMPA and ECMWF Precipitation Estimates Using Gauge Based Observations over West Azarbayjan province of Iran**
Hesam Afshar M., Amjad M., Bulut B., Düzenli E., Patakchi Yousufi K., Yilmaz M. T.
The 1st International and 4th National Congress on Iranian Irrigation and Drainage, Urmia, İran, 13 - 14 Kasım 2019
- VIII. **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
- IX. **TMPA VE ECMWF yağış verilerinin yer gözlem verileriyle doğrulanması**
amjad m., Düzenli 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
- X. **Mahsul Büyüme Durumunun İzlenmesi İçin İha Görüntülerinden Elde Edilen Farklı Bitki Örtüsü İndekslerinin Değerlendirilmesi**
Feizolahpour F., Afshar M., Düzenli E., Besharat S., YILMAZ M. T.
X. Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliği (TUFUAB) Teknik Sempozyumu, Türkiye, 25 - 27 Nisan 2019

- XI. **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
- XII. **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
- XIII. **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
- XIV. **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
- XV. **Comparison of rescaling techniques in the framework of merging soil moisture time series**
Afshar M., bulut b., YILMAZ M. T.
ESA CCI Soil Moisture user workshop, 15 Kasım 2018
- XVI. **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
- XVII. **ANALYSIS OF TERRESTRIAL WATER STORAGE CHANGE USING GRACE-BASED OBSERVATIONS OVER EUPHRATES-TIGRIS BASIN**
YILMAZ M. T. , Karasu İ., YILMAZ K. K. , Tüfekçi Avşar N., Selek B., Aras M., Özaltın A. M. , Duygu M. B. , Kirmencioğlu B.
Türkiye Ulusal Jeodezi ve Jeofizik Birliği Bilimsel Kongresi, İzmir, Türkiye, 30 Mayıs - 02 Haziran 2018, ss.47-50
- XVIII. **Inter-comparison and Accuracy Assessment of Satellite and Model Precipitation Products**
amjad m., YILMAZ M. T. , YÜCEL İ., YILMAZ K. K.
EGU General Assembly 2018., 8 - 13 Nisan 2018
- XIX. **Evaluation of Relations among Drought Indices and Remotely Sensed Soil**
bulut b., Afshar M., YILMAZ M. T.
EGU General Assembly 2018, 8 - 13 Nisan 2018
- XX. **Assessing Drought Using Cordex Ensemble Climate Models In Mediterranean Climate Region Of Turkey**
poyraz a., YÜCEL İ., aziz r., YILMAZ M. T.
Eurepean Geophysical Union Congress (EGU) 2018, 8 - 13 Nisan 2018
- XXI. **Evaluation of Satellite and Model Precipitation Products Over Turkey**
amjad m., YILMAZ M. T.
American Geophysical Union Fall Meeting, 11 - 15 Aralık 2017
- XXII. **Assessment of Environmental Flows under Human Intervention and Climate Change Conditions in a Mediterranean Watershed**
YILMAZ M. T. , ALP E., Aras M., Özaltın A. M. , Sarıcan Y., Afsar M., Bulut B., Ersoy E. N. , Karasu İ. G. , Önen A.
AGU Fall Meeting 2017, 11 - 15 Aralık 2017
- XXIII. **Assessment of Environmental Flows under Human Intervention and Climate Change Conditions in a Mediterranean Watershed**
YILMAZ M. T. , alp e., aras m., özaltın a. m. , sarıcan y., Afshar M., bulut b., ersoy n. e. , karasu g. i. , onen a.
American Geophysical Union Fall Meeting, 11 - 15 Aralık 2017
- XXIV. **The Added Utility of Hydrological Model and Satellite Based Datasets in Agricultural Drought Analysis over Turkey**

- bulut b., Afshar M., YILMAZ M. T.
American Geophysical Union Fall Meeting, 11 - 15 Aralık 2017
- XXV. **TRMM VE GPM UZAKTAN ALGILAMA VE ECMWF NUMERİK MODEL KAYNAKLI YAĞIŞ VERİLERİNİN DOĞRULANMASI**
YILMAZ M. T. , amjad m., YÜCEL İ., bulut b.
UZALMET III. Meteorolojik Uzaktan Algılama Sempozyumu, Türkiye, 16 - 19 Ekim 2017
- XXVI. **Establishing a Critical Zone Observatory site in Turkey**
DEMİR G., AKYÜREK S. Z. , BİNLEY A., YÜCEL İ., KENTEL ERDOĞAN E., MERZİ N., YILMAZ M. T. , YANMAZ A. M.
European Geosciences Union General Assembly 2017, 23 - 28 Nisan 2017
- XXVII. **Investigation of the impact of the nonlinear relations among soil moisture products over data fusion process**
Afshar M., bulut b., YILMAZ M. T.
EGU General Assembly 2017, 23 - 28 Nisan 2017
- XXVIII. **Analysis of Agricultural Drought Using NOAA Root Zone Soil Moisture Estimates and MODIS Based NDVI Values over Turkey**
bulut b., Afshar M., YILMAZ M. T.
EGU General Assembly 2017, 23 - 28 Nisan 2017
- XXIX. **Effect of Temporal Downscaling of Wind Data on Hindcasting Extreme Wave Events and Wind Power Density Studies over the Black Sea**
BAYKAL C., GÜLER H. G. , ÖZYURT G., ak g. h. , kirezci ç., YILMAZ M. T.
American Geophysical Union Fall Meeting 2016, 12 - 16 Aralık 2016
- XXX. **Evaluation of GRACE based groundwater storage change information at Konya Closed Basin Turkey using remote sensing and in situ measurements**
YILMAZ K. K. , Saber M., YILMAZ M. T.
American Geophysical Union Fall Meeting 2016, 12 - 16 Aralık 2016
- XXXI. **Effect Of Temporal Downscaling Methods of Long Term Wind Data on The Design Wave Parameters in the Black Sea**
ÖZYURT G., BAYKAL C., GÜLER H. G. , YILMAZ M. T. , AK H.
35TH International Conference on Coastal Engineering, 17 - 20 Kasım 2016
- XXXII. **Estimation of Radar Based High Resolution Precipitation Product over Turkey**
YILMAZ M. T. , Öztürk K., YÜCEL İ., YILMAZ K. K.
The 9th European Conference on Radar in Meteorology and Hydrology, 10 - 14 Ekim 2016
- XXXIII. **Evaluating the utility obtained by using radar based precipitation for prediction of flood events in western Black Sea basins of Turkey**
YÜCEL İ., önen a., YILMAZ M. T. , erdem e.
The 9th European Conference on Radar in Meteorology and Hydrology, 10 - 14 Ekim 2016
- XXXIV. **Inter comparison and accuracy assessment of TRMM 3B42 products over Turkey**
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- XXXVI. **Initial assessment of in situ based soil moisture observations over Turkey**
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- XXXVIII. **Assessment of linear and nonlinear Techniques in soil moisture time series rescaling**
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- LI. **Gravity Recovery and Climate Experiment**
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- LII. **Data fusion techniques for mapping daily water use and vegetation stress at field scales**
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- LIII. **Satellite based water balance of the Nile River basin a multisensor approach**
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- LIV. **Evaluation Of Assumptions In Soil Moisture Triple Collocation Studies**
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- LV. **Application of the Auto Tuned Land Assimilation System ATLAS to ASCAT and SMOS soil moisture retrieval products**
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- LVI. **Modellenen ve istasyonlarda ölçülen toprak neminin karşılaştırılması**
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- LIX. **Treatment of systematic errors in land data assimilation systems**
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- LX. **Reducing Water Imbalance in Land Data Assimilation Ensemble Filtering without Perturbed Observations**
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