



## SCI, SSCI VE AHCI İNDEKSİNERİNE GİREN DERGİLERDE YAYINLANAN MAKALELER

- I. **Comparative Evaluation of Microwave L-Band VOD and Optical NDVI for Agriculture Drought Detection over Central Europe**  
Afshar M. H. , Al-Yaari A., YILMAZ M. T.  
REMOTE SENSING, cilt.13, sa.7, 2021 (SCI İndekslerine Giren Dergi)
- II. **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 Expanded İndekslerine Giren Dergi)
- III. **Climate change impact assessment on mild and extreme drought events using copulas over Ankara, Turkey**  
Afshar M. H. , Sorman A. U. , Tosunoglu F., Bulut B., YILMAZ M. T. , MEHR A. D.  
THEORETICAL AND APPLIED CLIMATOLOGY, cilt.141, ss.1045-1055, 2020 (SCI İndekslerine Giren Dergi)
- IV. **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)
- V. **Impact of Rescaling Approaches in Simple Fusion of Soil Moisture Products**  
Afshar M. H. , YILMAZ M. T. , Crow W. T.  
WATER RESOURCES RESEARCH, cilt.55, sa.9, ss.7804-7825, 2019 (SCI İndekslerine Giren Dergi)
- VI. **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. H. , Sorman A. U. , YÜCEL İ., Cosh M. H. , Simsek O.  
REMOTE SENSING, cilt.11, sa.16, 2019 (SCI İndekslerine Giren Dergi)
- VII. **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)
- VIII. **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)
- IX. **The added utility of nonlinear methods compared to linear methods in rescaling soil moisture products**  
Afshar M. H. , YILMAZ M. T.  
REMOTE SENSING OF ENVIRONMENT, cilt.196, ss.224-237, 2017 (SCI İndekslerine Giren Dergi)
- X. **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)
- XI. **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 İndekslerine Giren Dergi)
- XII. **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)
- XIII. **Conditional Copula-Based Spatial-Temporal Drought Characteristics Analysis-A Case Study over Turkey**  
Afshar M. H. , Sorman A. U. , YILMAZ M. T.  
WATER, cilt.8, sa.10, 2016 (SCI İndekslerine Giren Dergi)

- XIV. **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 İndekslerine Giren Dergi)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **The optimality of potential rescaling approaches in land data assimilation**  
Tugrul Yilmaz M. T. , Crow W. T.  
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- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **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.  
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## **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 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
- II. **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

- III. **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
- IV. **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
- 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. **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
- 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., Özcam B.  
10. Ulusal Hidroloji Kongresi, Türkiye, 9 - 12 Ekim 2019
- IX. **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
- X. **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**  
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- 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.  
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- XII. **Linear and Nonlinear Responses of Turkish Extreme Rainfall Oscillations to Large-Scale Atmospheric Circulations**  
Düzenli E., tabari H., willems p., YILMAZ M. T.  
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- XIII. **Comparison of rescaling techniques in the framework of merging soil moisture time series**  
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ESA CCI Soil Moisture user workshop, 15 Kasım 2018
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- XV. **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

- XVI. **Inter-comparison and Accuracy Assessment of Satellite and Model Precipitation Products**  
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- XVII. **Evaluation of Relations among Drought Indices and Remotely Sensed Soil**  
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- XVIII. **Assessing Drought Using Cordex Ensemble Climate Models In Mediterranean Climate Region Of Turkey**  
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- XIX. **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
- XX. **Evaluation of Satellite and Model Precipitation Products Over Turkey**  
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- XXI. **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
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- XXIII. **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
- XXIV. **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
- XXV. **Investigation of the impact of the nonlinear relations among soil moisture products over data fusion process**  
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- XXVII. **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
- XXVIII. **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.  
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- XXIX. **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

- XXX. **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
- XXXI. **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.  
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- XXXII. **Evaluation of Groundwater Storage changes at Konya Closed Basin Turkey using GRACE based and in situ measurements**  
YILMAZ K. K. , saber m., YILMAZ M. T.  
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- XXXIII. **Analysis of long term trends of precipitation estimates acquired using radar network in Turkey**  
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- XXXIV. **Investigation of the relation between the return periods of major drought characteristics using copula functions**  
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- XXXIX. **Accuracy assessment of TRMM 3B42 V6 and V7 products using station data over various topographical regions in Turkey**  
muhammad a., YILMAZ M. T.  
American Geophysical Union Fall Meeting 2015, 14 - 18 Aralık 2015
- XL. **Quality control of station based soil moisture observations retrieved over Turkey**  
bulut b., YILMAZ M. T. , micheal c., iliana m.  
American Geophysical Union Fall Meeting 2015, 14 - 18 Aralık 2015
- XLI. **Tropical Rainfall Measuring Mission Uydu Kaynaklı Yağmur Verilerinin Yer Gözlemleri ile Karşılaştırılması**  
YILMAZ M. T. , muhammad a., meriç s.  
II. Meteorolojik Uzaktan Algılama Sempozyumu, Antalya, 3-5 Kasım 2015, Türkiye, 3 - 05 Kasım 2015
- XLII. **Quality control of station based soil moisture observations over Turkey**  
YILMAZ M. T. , bulut b., micheal c., iliana m.  
EGU General Assembly 2015, 12 - 17 Nisan 2015
- XLIII. **Optimal averaging of soil moisture predictions from ensemble land surface model simulations**  
wade c., ChunHsu S., dongryeol r., YILMAZ M. T.  
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- XLIV. **Model accuracy impact through rescaled observations in hydrological data assimilation studies**  
YILMAZ M. T. , wade c., dongryeol r.  
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- XLV. Diagnosing Neglected Soil Moisture Source Sink Processes via a Thermal Infrared based Two Source Energy Balance Model**  
Hain C., Crow W., Anderson M., YILMAZ M. T.  
American Geophysical Union Fall Meeting 2014, 15 - 19 Aralık 2014
- XLVI. Impact of the difference between observation and model seasonality and anomaly components on hydrological data assimilation studies**  
YILMAZ M. T. , crow w., ryu d.  
American Geophysical Union Fall Meeting 2014, 15 - 19 Aralık 2014
- XLVII. Türkiye deki Toprak Neminin NOAA Hidrolojik Yeryüzü Modeli İle İncelenmesi**  
bulut b., YILMAZ M. T. , SÖNMEZ İ., ŞORMAN A. Ü.  
Second International Drought and Desertification Symposium, Konya, 16-18 September 2014, 16 - 18 Eylül 2014
- XLVIII. Towards continuous remote estimates of flooded area in the Sudd Wetland**  
Wilusz D. C. , Zaitchik B., Anderson M. C. , Hain C. R. , YILMAZ M. T.  
2014 UCOWR / NIWR/ CUAHSI ANNUAL CONFERENCE, 18 - 20 Haziran 2014
- XLIX. Gravity Recovery and Climate Experiment**  
YILMAZ M. T.  
National Hydrology Committee Steering Group Meeting and Workshop, 10 - 11 Şubat 2014
- L. Data fusion techniques for mapping daily water use and vegetation stress at field scales**  
Anderson M. C. , Cammalleri C., Gao F., Wang P., Hain C., YILMAZ M. T. , Kustas W.  
94th American Meteorological Society Annual Meeting, 2 - 06 Şubat 2014
- LI. Satellite based water balance of the Nile River basin a multisensor approach**  
Zaitchik B. F. , Anderson M. C. , Ozdogan M., YILMAZ M. T.  
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- LII. Evaluation Of Assumptions In Soil Moisture Triple Collocation Studies**  
YILMAZ M. T. , Crow W.  
American Geophysical Union Fall Meeting 2013, 9 - 13 Aralık 2013
- LIIL. Application of the Auto Tuned Land Assimilation System ATLAS to ASCAT and SMOS soil moisture retrieval products**  
crow w., YILMAZ M. T.  
IGARSS 2013, 21 - 26 Temmuz 2013
- LIV. Modellenen ve istasyonlarda ölçülen toprak neminin karşılaştırılması**  
YILMAZ M. T. , ŞORMAN A. Ü. , SÖNMEZ İ.  
III. TÜRKİYE İKLİM DEĞİŞİKLİĞİ KONGRESİ, TİKDEK (III. Climate Change in Turkey Meeting) 3 - 5 Haziran 2013, İstanbul, Türkiye, 3 - 05 Haziran 2013
- LV. The Optimality of Potential Rescaling Approaches in Land Data Assimilation**  
YILMAZ M. T. , Crow W.  
93rd American Meteorological Society Annual Meeting, 6 - 09 Ocak 2013
- LVI. Monitoring evapotranspiration and water resources with thermal infrared geostationary sensors An intercomparison with model based ET predictions and tower observations**  
Hain C., Anderson M., Zhan X., YILMAZ M. T.  
93rd American Meteorological Society Annual Meeting, 6 - 09 Ocak 2013
- LVII. Treatment of systematic errors in land data assimilation systems**  
Crow W., YILMAZ M. T.  
American Geophysical Union Fall Meeting 2012, 3 - 07 Aralık 2012
- LVIII. Reducing Water Imbalance in Land Data Assimilation Ensemble Filtering without Perturbed Observations**  
DelSole T. M. , YILMAZ M. T. , Houser P. R.  
American Geophysical Union Fall Meeting 2012, 3 - 07 Aralık 2012
- LIX. Comparison of Prognostic and Diagnostic Approaches to Modeling Evapotranspiration in the Nile River Basin**  
YILMAZ M. T. , Anderson M. C. , Zaitchik B. F. , Crow W., Hain C., Ozdogan M., Chun J. A.



American Geophysical Union Fall Meeting 2012, 3 - 07 Aralık 2012

- LX. **ALEXI evapotranspiration estimate analysis over the Nile Basin**  
Anderson M., Kustas W., YILMAZ M. T. , Hain C., Zhan X.  
African Climate Conference Workshop, Earth and Planetary Sciences Department, Johns Hopkins University,  
Baltimore, 15 Kasım 2012
- LXI. **0 10 degree soil moisture retrievals from passive microwave observations**  
Parinussa R., Richard de J., YILMAZ M. T. , Anderson M., Hain C.  
EGU General Assembly 2012, 22 - 27 Nisan 2012
- LXII. **An Objective Methodology For Merging Satellite And Model Based Soil Moisture Products**  
YILMAZ M. T. , Crow W., Anderson M., Hain C.  
23th Annual Beltsville Area USDA BARC Poster-Day, 19 Nisan 2012
- LXIII. **An Objective Methodology to Merge Satellite and Model Based Soil Moisture Products**  
YILMAZ M. T. , Crow W., Anderson M. C. , Hain C.  
92nd American Meteorological Society Annual Meeting, 22 - 26 Ocak 2012
- LXIV. **Remotely Sensed Terrestrial Water Balance of the Nile Basin**  
Smith T., Zaitchik B., Anderson M., YILMAZ M. T. , Alo C., Rodell M.  
American Geophysical Union Fall Meeting 2011, 5 - 09 Aralık 2011
- LXV. **An Objective Methodology to Optimally Merge Satellite and Model Based Soil Moisture Products for Obtaining a New Drought Product**  
YILMAZ M. T. , Crow W., Anderson M. C. , Hain C.  
American Geophysical Union Fall Meeting 2011, 5 - 09 Aralık 2011
- LXVI. **Towards an Integrated Soil Moisture Drought Monitor for East Africa**  
Anderson W. B. , Hain C., Zaitchik B. F. , Anderson M. C. , Aga Alo C., YILMAZ M. T.  
American Geophysical Union Fall Meeting 2011, 5 - 09 Aralık 2011
- LXVII. **ALEXI analysis of water consumption in the Nile Basin**  
Anderson M., YILMAZ M. T.  
Meeting of Managing Water under Climate Change in Blue Nile Headwaters, 7 - 10 Temmuz 2011
- LXVIII. **ALEXI evapotranspiration estimate analysis over the Nile basin**  
YILMAZ M. T. , Anderson M.  
Managing Water under Climate Change in the Blue Nile Headwaters Workshop, 7 - 10 Temmuz 2011
- LXIX. **Introducing Water Budget Constraint To Improve Land Data Assimilation Performance**  
YILMAZ M. T. , DelSole T., Houser P.  
JCSDA 9th Workshop on Satellite Data Assimilation, 24 - 25 Mayıs 2011
- LXX. **Using USDA ALEXI Evapotranspiration Product to Obtain Skillful Water Budget Estimations Over Nile River Basin**  
YILMAZ M. T. , Crow W., Anderson M.  
22nd Annual Beltsville Area USDA BARC Poster-Day, 17 Nisan 2011
- LXXI. **Comparison of vegetation water content estimates from WindSat and MODIS**  
Hunt Jr. E. R. , Li L., Yilmaz M. T. , Jackson T. J.  
2010 30th IEEE International Geoscience and Remote Sensing Symposium, IGARSS 2010, Honolulu, HI, Amerika Birleşik Devletleri, 25 - 30 Temmuz 2010, ss.3879-3881
- LXXII. **Square Root Filters in Land Data Assimilation Studies**  
YILMAZ M. T. , Houser P., DelSole T.  
Remote Sensing and Hydrology Symposium, 27 - 30 Eylül 2010
- LXXIII. **Predictability of Seasonal Precipitation Using Joint Probabilities**  
YILMAZ M. T. , DelSole T.  
90th American Meteorological Society Annual Meeting, 17 - 21 Ocak 2010
- LXXIV. **Precipitation uncertainty How well do we know this critical hydrological variable**  
Houser P., Feng X., Shrestha R., YILMAZ M. T.  
EGU General Assembly 2009, 19 - 24 Nisan 2009
- LXXV. **Land surface modeling using optimally merged Precipitation data from multiple sources**

- YILMAZ M. T. , Shrestha R., Houser P. R. , Anantharaj V.  
American Geophysical Union Fall Meeting 2008, 15 - 19 Aralık 2008
- LXXVI. **Remote sensing of canopy water content during SMEX'04 and SMEX'05 using shortwave-infrared reflectances**  
Hunt Jr. E. R. , Yilmaz M. T. , Jackson T. J.  
2008 IEEE International Geoscience and Remote Sensing Symposium - Proceedings, Boston, MA, Amerika Birleşik Devletleri, 6 - 11 Temmuz 2008, cilt.2
- LXXVII. **Remote sensing of leaf equivalent water thickness and vegetation water content using shortwave infrared reflectances**  
Hunt E., YILMAZ M. T. , Jackson T.  
ASPRS 2008 Annual Conference, 28 Nisan - 02 Mayıs 2008
- LXXVIII. **Effect of land cover classification map resolution in land surface modeling studies**  
YILMAZ M. T. , Houser P., Shrestha R.  
American Geophysical Union Fall Meeting 2007, 10 - 14 Aralık 2007
- LXXIX. **Remote sensing of vegetation water content using shortwave infrared reflectances**  
Hunt Jr. E. R. , Yilmaz M. T.  
Remote Sensing and Modeling of Ecosystems for Sustainability IV, San Diego, CA, Amerika Birleşik Devletleri, 28 - 29 Ağustos 2007, cilt.6679
- LXXX. **Scaling vegetation water content from thematic mapper to MODIS during SMEX04**  
Hunt Jr. E. R. , Yilmaz M. T. , Jackson T. J.  
2006 IEEE International Geoscience and Remote Sensing Symposium, IGARSS, Denver, CO, Amerika Birleşik Devletleri, 31 Temmuz - 04 Ağustos 2006, ss.1945-1948
- LXXXI. **Vegetation water content from Landsat 5 thematic mapper during the Soil Moisture Experiment 2004 in Arizona and Sonora**  
Hunt E., YILMAZ M. T. , Jackson T.  
ASPRS 2006 Annual Conference, 1 - 05 Mayıs 2006
- LXXXII. **Vegetation water content data product validation using SMEX04 and SMEX05 data**  
Hunt E., YILMAZ M. T. , Ustin S., Vanderbilt V.  
MODIS Science Team Meeting, 4 - 06 Ocak 2006

## **Desteklenen Projeler**

- Yücel İ., Yılmaz M. T. , Yılmaz K. K. , TÜBİTAK Projesi, Bütünleştirilmiş Atmosferik-Hidrolojik Model Sisteminin Taşkın Olayları İçin İki Farklı Havzada Değerlendirilmesi, 2018 - 2021
- Yücel İ., Yılmaz M. T. , Yılmaz K. K. , TÜBİTAK Projesi, Türkiye Üzerinde Yer Gözlem Verileriyle İyileştirilmiş Yüksek Çözünürlüklü Homojen Radar Yağış Haritası Elde Edilmesi, 2018 - 2021
- Yılmaz M. T. , TÜBİTAK Projesi, Fırat Dicle Havzasındaki Yeraltı Suyu Kütlesinin Değişiminin Elde Edilmesi ve Doğrulanması, 2019 - 2020
- Yılmaz M. T. , YÜCEL İ., TÜBİTAK Projesi, Karmaşık Topografya Üzerine Gerçekleştirilen Model-Tabanlı Kısa Vadeli Yağış Tahminlerinin Değerlendirilmesi, 2019 - 2020
- Yılmaz M. T. , Yücel İ., TÜBİTAK Projesi, Bütünleştirilmiş Atmosferik Hidrolojik Model Sisteminin Taşkın Olayları için İki Farklı Havzada Değerlendirilmesi, 2016 - 2019
- Yılmaz M. T. , 7. Çerçeve Programı Projesi, Improving Predictions of Vegetation Condition by Optimally Merging Satellite Remote Sensing based Soil Moisture Products, 2014 - 2019
- Yücel İ., Yılmaz M. T. , Yılmaz K. K. , Alp E., Teknopark, Havza Su Projesi, 2017 - 2018
- Yücel İ., Yılmaz M. T. , Şimşek O., TÜBİTAK Projesi, İstasyonlarda Ölçülen Toprak Nemi Değerlerinin Hidrolojik Model ve Uydu Verileri Yardımıyla Değerlendirilmesi, 2015 - 2018
- YILMAZ M. T. , UFUK 2020 Projesi, Improving Predictions of Vegetation Condition by Optimally Merging Satellite Remote Sensing-based Soil Moisture Products, 2014 - 2018
- YILMAZ M. T. , Yükseköğretim Kurumları Destekli Proje, İSTASYONLARDAN ELDE EDİLEN TOPRAK NEMİ

DEĞERLERİNİN KALİBRASYONU, 2015 - 2016

Yılmaz M. T. , TÜBİTAK Projesi, Uydu Kaynaklı Toprak Nemi Ölçümlerinin Kuraklık Tahminlerine Veri Asimilasyonu ile Katkısının Analizi, 2013 - 2015

## **Atıflar**

Toplam Atıf Sayısı (WOS):1150

h-indeksi (WOS):17

## **Burslar**

Marie Curie FP7 Career Integration Grant, Avrupa Birliği Komisyonu, 2014 - 2018

NASA Earth and Space Science Fellowship (NESSF) , Diğer Uluslararası Organizasyonlar, 2009 - 2012

## **Ödüller**

Yılmaz M. T. , Üstün Başarılı Genç Bilim İnsanı , Türkiye Bilimler Akademisi, Aralık 2018

Yılmaz M. T. , Genç Araştırmacı Başarı Ödülü, Odtü Geliştirme Vakfı, Aralık 2017

Yılmaz M. T. , Genç Araştırmacı Başarı Ödülü, Odtü Geliştirme Vakfı, Aralık 2016

Yılmaz M. T. , Genç Araştırmacı Başarı Ödülü, Odtü Geliştirme Vakfı, Aralık 2015