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Research Areas

Water Resources Planning and Management

Published journal articles indexed by SCI, SSCI, and AHCI

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, vol.316, 2022 (SCI-Expanded)

II. **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, vol.264, 2021 (SCI-Expanded)

III. **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, vol.35, no.9, 2021 (SCI-Expanded)

IV. **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, vol.256, 2021 (SCI-Expanded)

V. **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, vol.248, 2021 (SCI-Expanded)

VI. **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, vol.32, no.23, pp.3513-3528, 2018 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **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 November 2019

II. **TMPA VE ECMWF yağiş verilerinin yer gözlem verileriyle doğrulanmasi**
amjad m., Duzenli E., Afshar M., bulut b., Senocak A. U. G., YILMAZ K. K., YILMAZ M. T., YÜCEL İ.
10. Ulusal Hidroloji Kongresi., Turkey, 9 - 12 October 2019

III. **Mahsul Büyüme Durumunun Izlenmesi Için Iha Görüntülerinden Elde Edilen Farkli Bitki Örtüsü Indekslerinin Değerlendirilmesi**
Feizolahpour F., Afshar M., Duzenli E., Besharat S., YILMAZ M. T.
X. Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliği (TUFUAB) Teknik Sempozyumu, Turkey, 25 - 27 April 2019

IV. **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 April 2019

Metrics

Publication: 10
Citation (WoS): 82
Citation (Scopus): 117
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H-Index (Scopus): 4