

Lect. PhD TÜRKER TUĞRUL

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: KXR-4297-2024

ScopusID: 58884762400

Yoksis Researcher ID: 281195

Education Information

Doctorate, Aksaray University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği, Turkey 2018 - 2024

Postgraduate, Selcuk University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği, Turkey 2014 - 2017

Undergraduate, Selcuk University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 2010 - 2015

Dissertations

Doctorate, APA BARAJI HAVZASINDAKİ HİDROLOJİK PARAMETRELERİN MAKİNE ÖĞRENMESİ İLE TAHMİNİ, Aksaray University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2024

Postgraduate, Güneydoğu Anadolu Projesi illerinin kuraklık analizinin günlük ve aylık efektif kuraklık indeksi kullanılarak karşılaştırılması, Selcuk University, 2017

Research Areas

Agricultural Hydrology and Meteorology, Hydrology-Hydrometeorology, Flood-Storm-Avalanche-Drought Analysis, Hydrogeology and Hidrology, Artificial Intelligence, Computer Learning and Pattern Recognition, Surface Water Engineering, Hydrology

Academic Titles / Tasks

Lecturer, Gazi University, Rektörlük, Rektörlük Ofisi (Özel Kalem), 2020 - Continues

Lecturer, Kirşehir Ahi Evran University, Rektörlük, 2018 - 2020

Research Assistant, Nisantasi University, Mühendislik fakültesi, İnşaat Mühendisliği, 2017 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- Evaluating Performances of LSTM, SVM, GPR, and RF for Drought Prediction in Norway: A Wavelet Decomposition Approach on Regional Forecasting**
Oruc S., Hıms M. A., Tuğrul T.

WATER (SWITZERLAND), vol.16, no.23, pp.1-32, 2024 (SCI-Expanded)

II. Beyond Traditional Metrics: Exploring the Potential of Hybrid Algorithms for Drought Characterization and Prediction in the Tromso Region, Norway

Oruc S., Tuğrul T., Hınıs M. A.

Applied Sciences (Switzerland), vol.14, no.17, 2024 (SCI-Expanded)

III. Trend analysis of hydrological and meteorological drought in Apa Dam, Türkiye

Tuğrul T., Hınıs M. A.

ENVIRONMENTAL EARTH SCIENCES, vol.83, no.17, 2024 (SCI-Expanded)

IV. Improvement of drought forecasting by means of various machine learning algorithms and wavelet transformation

Tuğrul T., Hınıs M. A.

ACTA GEOPHYSICA, 2024 (SCI-Expanded)

Articles Published in Other Journals

I. Trend Analysis of Meteorological and Hydrological Drought at Apa Dam (Konya) Basin

Tuğrul T., Hınıs M. A.

Karaelmas Fen ve Mühendislik Dergisi, vol.13, no.1, pp.151-163, 2023 (Peer-Reviewed Journal)

II. Apa Barajında Kuraklık Analizi

TUĞRUL T., HINIS M. A.

Karamanoğlu Mehmetbey Üniversitesi Mühendislik ve Doğa Bilimleri Dergisi, vol.22, no.4, pp.161-178, 2022 (Peer-Reviewed Journal)

III. Güneydoğu Anadolu Bölgesindeki İllerin Kuraklık Analizi

TUĞRUL T., DOĞAN S., DURSUN Ş.

Konya mühendislik bilimleri dergisi (Online), vol.7, no.4, pp.705-712, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. THE DROUGHT INDEX STUDY FOR GAP PROJECT CITIES

Tuğrul T., Doğan S., Dursun Ş.

7th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, Tirane, Albania, 2 - 05 June 2017, pp.151-154

Metrics

Publication: 8

Citation (WoS): 5

Citation (Scopus): 5

H-Index (WoS): 1

H-Index (Scopus): 1

Non Academic Experience

KONYA OVASI PROJESİ BÖLGE KALKINMA İDARESİ BAŞKANLIĞI