

Assoc. Prof. Bahtiyar Efe

Personal Information

Email: efeba@itu.edu.tr

Web: <https://avesis.itu.edu.tr/efeba>

International Researcher IDs

ScholarID: G7xlo6oAAAAJ

ORCID: 0000-0001-5604-7068

Publons / Web Of Science ResearcherID: W-1012-2017

ScopusID: 55650476800

Yoksis Researcher ID: 32318

Education Information

Postgraduate, Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Meteoroloji Mühendisliği Bölümü, Turkey
2009 - 2012

Undergraduate, Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Meteoroloji Mühendisliği Bölümü, Turkey
2002 - 2009

Foreign Languages

English

Dissertations

Postgraduate, Manisa Soma bölgesi için meso ölçek sayısal hava tahmin modeli (WRF) ve hesaplamalı akışkanlar dinamiği modeli (WINDSIM) kullanılarak kısa vadeli rüzgar enerjisi tahmini, İstanbul Teknik Üniversitesi, Uçak Ve Uzay Bilimleri Fakültesi, Meteoroloji Mühendisliği Bölümü, 2012

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Meteoroloji Mühendisliği Bölümü,
2010 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Global trends in the occurrence and characteristics of blocking anticyclones using Şen innovative trend analysis**
Efe B., Lupo A. R.
Theoretical and Applied Climatology, vol.150, no.1-2, pp.763-776, 2022 (SCI-Expanded)
- II. **Analysis of air pollutants in Kagithane valley and Istanbul Metropolitan Area**
Efe B., Oztaner Y. B., Deniz A., Ünal A.
AIR QUALITY ATMOSPHERE AND HEALTH, vol.15, pp.1027-1041, 2022 (SCI-Expanded)

- III. **Air quality improvement and its relation to mobility during COVID-19 lockdown in Marmara Region, Turkey**
Efe B.
Environmental Monitoring and Assessment, vol.194, no.4, 2022 (SCI-Expanded)
- IV. **Short term wind energy resource prediction using WRF model for a location in western part of Turkey**
Tan E., Menteş Ş. S., Unal E., Ünal Y., Efe B., Barutçu B., Önel B., Topçu H. S., Incecik S.
JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY, vol.13, no.1, 2021 (SCI-Expanded)
- V. **Extreme temperatures linked to the atmospheric blocking events in Turkey between 1977 and 2016**
Efe B., Lupo A. R., Deniz A.
NATURAL HAZARDS, vol.104, no.2, pp.1879-1898, 2020 (SCI-Expanded)
- VI. **The relationship between atmospheric blocking and temperature anomalies in Turkey between 1977 and 2016**
Efe B., Sezen I., Lupo A. R., Deniz A.
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.40, no.2, pp.1022-1037, 2020 (SCI-Expanded)
- VII. **The relationship between atmospheric blocking and precipitation changes in Turkey between 1977 and 2016**
Efe B., Lupo A. R., Deniz A.
THEORETICAL AND APPLIED CLIMATOLOGY, vol.138, pp.1573-1590, 2019 (SCI-Expanded)
- VIII. **Changes in Global Blocking Character in Recent Decades**
Lupo A. R., Jensen A. D., Mokhov I. I., Timazhev A. V., Eichler T., Efe B.
ATMOSPHERE, vol.10, no.2, 2019 (SCI-Expanded)
- IX. **Devastating extreme Mediterranean cyclone's impacts in Turkey**
Sirdas S. A., Özdemir E., Sezen I., Efe B., Kumar V.
NATURAL HAZARDS, vol.87, no.1, pp.255-286, 2017 (SCI-Expanded)
- X. **Study on the association between air pollution and mortality in Istanbul, 2007-2012**
Capraz O., Efe B., DENİZ A.
ATMOSPHERIC POLLUTION RESEARCH, vol.7, no.1, pp.147-154, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **A One-Dimensional Blocking Index Becomes Two-Dimensional Using GIS Technology**
Ethridge E. D., Efe B., Lupo A. R.
Sci, vol.5, no.2, 2023 (Scopus)
- II. **Spatiotemporal Variation of Tourism Climate Index for Türkiye during 1981-2020**
Efe B., Gozet E., ÖZGÜR E., Lupo A. R., Deniz A.
CLIMATE, vol.10, no.10, 2022 (ESCI)

Books & Book Chapters

- I. **Hava Öngörüsü**
ASILHAN S., AKATAŞ N., KAHYA C., TOPÇU H. S., SAKARYA S., KOÇAK K., EYİGÜLER E. C., ÇAKIR S., BORHAN Y., ŞEN N., et al.
in: Meteoroloji Atmosferimizi Anlamak, KADIOĞLU MİKDAT, ÇAKIR SEDEF, Editor, Nobel Akademik Yayıncılık, pp.402-441, 2015

Publication: 21

Citation (WoS): 31

Citation (Scopus): 166

H-Index (WoS): 2

H-Index (Scopus): 7