

Prof. HASAN TATLI



Personal Information

Office Phone: +90 286 218 0018 Extension: 22111

Email: tatli@comu.edu.tr

Other Email: tatli.hasan@gmail.com

Web: <https://avesis.comu.edu.tr/tatli>

Address: Çanakkale Onsekiz Mart Üniversitesi, İnsan Ve Toplum Bilimleri Fakültesi, Coğrafya Bölümü, 17100, Çanakkale, Türkiye (<https://orcid.org/0000-0002-1960-0618>)



International Researcher IDs

ORCID: 0000-0002-1960-0618

Publons / Web Of Science ResearcherID: G-2167-2017

ScopusID: 6508096484

Yoksis Researcher ID: 18065

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Meteoroloji Mühendisliği, Turkey 1997 - 2004

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Meteoroloji Mühendisliği, Turkey 1995 - 1997

Undergraduate, Istanbul Technical University, Uçak Ve Uzay Bilimleri, İklim Bilimleri ve Meteoroloji Mühendisliği, Turkey 1990 - 1995

Biography

Dr. Hasan TATLI is -meteorological engineer- a full Professor in the Department of Geography at Çanakkale Onsekiz Mart University. He focuses on climate, climate change, and meteorology. His study focuses on developing small-scale regional climate models (downscaling) and evaluating the relevance of variability to predict climate change effects. His current research interests include meteorological-climatological disasters and climate change implications, multidimensional drought sensitivity, developing Copula-based multidimensional drought indicators, and forest fire monitoring and forecasting. He also does theoretical research in the areas of chaos theory and uncertainty.

Dr. Hasan TATLI develops the source codes for the computer programs used in all of his investigations; he also has professional experience using the FTN 90-95-2000, MATLAB, Python, R-language, MS-Office, Statistica and SPSS, Golden Software tools.

Dissertations

Doctorate, Statistical Downscaling Methods And Applications For Turkey (Tez İngilizce'dir) Tez Danışmanı: Prof.Dr. H. Nuzhet DALFES, Tez Eş Danışmanı: Prof.Dr. Ş. Sibel MENTEŞ, Istanbul Technical University, Fen Bilimleri Enstitüsü, Atmosfer Bilimleri Ve Meteoroloji Mühendisliği, 2004

Postgraduate, Bulanık Kümeler (Fuzzy Sets) Ve Meteoroloji Uygulamaları. (Tez Danışmanı: Prof.Dr. Zekai ŞEN), Istanbul Technical University, Fen Bilimleri Enstitüsü, Atmosfer Bilimleri Ve Meteoroloji Mühendisliği, 1997

Research Areas

Physical Geography, Atmospheric Sciences and Meteorological Engineering, Climate Change and Climate Modeling, Meteorological Disasters, Complexity Theory, Fuzzy Sets and Systems, Neural Networks, Probability Theory, Stochastic Processes, Statistical Analysis and Applications

Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, İnsan ve Toplum Bilimleri Fakültesi, 2017 - Continues

Associate Professor, Canakkale Onsekiz Mart University, İnsan ve Toplum Bilimleri Fakültesi, 2009 - 2017

Assistant Professor, Canakkale Onsekiz Mart University, İnsan Ve Toplum Bilimleri Fakültesi, Coğrafya, 2005 - 2008

Research Assistant PhD, Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Meteoroloji Mühendisliği, 2004 - 2005

Research Assistant, Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Meteoroloji Mühendisliği, 1997 - 2003

Supervised Theses

Tatlı H., Türkiye'nin kuraklık hassasiyetine çok boyutlu yaklaşım, Doctorate, H.SERKENDİZ(Student), 2023

Tatlı H., TÜRKİYE YAĞIŞLARININ GRUPLANDIRILMASI, Postgraduate, F.DÖNMEZ(Student), 2023

Tatlı H., Drought analysis over Turkey based on empirical copula, Postgraduate, M.YARAMIŞ(Student), 2022

Tatlı H., TÜRKİYE'DE KURAKLIĞIN STANDARTLAŞTIRILMIŞ YAĞIŞ EVAPOTRANSPIRASYON İNDİSİ (SPEI) İLE ANALİZİ, Postgraduate, A.KILIÇ(Student), 2022

TATLI H., Vahşi Orman Yangınlarının Kanada Orman Yangın Hava İndeksi Yöntemi İle Analizi: Çanakkale Örneği, Postgraduate, M.ÇEKMEK(Student), 2018

TATLI H., Mann-Kendall-Sen Trend Yöntemi İle Türkiye'deki Klimatolojik Verilerin İncelenmesi, Postgraduate, A.ALTUNAY(Student), 2016

TATLI H., Marmara Bölgesi Trakya Bölümü Topraklarının Kuraklık Hassasiyet Analizi (Eş Danışman), Doctorate, E.BAHAR(Student), 2014

TATLI H., Türkiye'de Günlük Yağışların Negatif-olmayan Matris Faktör Ayrıştırması Yaklaşımı ile Sınıflandırılması, Postgraduate, R.KAHRAMAN(Student), 2014

TATLI H., Marmara Bölgesinin Rüzgar Klimatolojisi Ve Potansiyeli, Postgraduate, K.DAĞDELEN(Student), 2014

TATLI H., Türkiye'de Palmer Kuraklık İndisine Göre Kuraklığın Alansal Ve Zamansal Değişiminin İncelenmesi, Postgraduate, A.AKBAŞ(Student), 2013

TATLI H., Türkiye'nin Meteorolojik Kuraklık Olasılık Dağılımlarını Standart Yağış İndisi (SPI) yöntemi İle Belirleme, Postgraduate, D.DENİZ(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

I. Comparative analysis of SPI, SPEI, and RDI indices for assessing spatio-temporal variation of drought in Türkiye

Öz F. Y., Özelkan E., Tatlı H.

EARTH SCIENCE INFORMATICS, vol.8, no.1, pp.1-33, 2024 (SCI-Expanded)

II. Analysis of drought intensity, frequency and trends using the spei in Turkey.

Serkendiz H., Tatlı H., Kiliç A., Çetin M., Sungur A.

THEORETICAL AND APPLIED CLIMATOLOGY, vol.155, no.4, pp.2997-3012, 2024 (SCI-Expanded)

- III. **Multidimensional assessment of agricultural drought vulnerability based on socioeconomic and biophysical indicators**
Serkendiz H., Tatli H., Özcan H., Çetin M., Sungur A.
INTERNATIONAL JOURNAL OF DISASTER RISK REDUCTION, vol.98, 2023 (SCI-Expanded)
- IV. **Assessment of multidimensional drought vulnerability using exposure, sensitivity, and adaptive capacity components**
Serkendiz H., Tatli H.
Environmental Monitoring and Assessment, vol.195, no.10, 2023 (SCI-Expanded)
- V. **Multivariate-drought indices-case studies with observations and outputs of NCAR CCSM-4 ensemble models**
TATLI H.
THEORETICAL AND APPLIED CLIMATOLOGY, vol.146, no.1-2, pp.257-275, 2021 (SCI-Expanded)
- VI. **Climate classification in Turkey: a case study evaluating Holdridge life zones**
Tekin M. K., Tatli H., Koç T.
THEORETICAL AND APPLIED CLIMATOLOGY, vol.144, pp.661-674, 2021 (SCI-Expanded)
- VII. **Analysis of temporal diversity of precipitation along with biodiversity of Holdridge life zones**
TATLI H., Dalfes H. N.
THEORETICAL AND APPLIED CLIMATOLOGY, vol.144, no.1-2, pp.391-400, 2021 (SCI-Expanded)
- VIII. **Long-Time Memory in Drought via Detrended Fluctuation Analysis**
TATLI H., Dalfes H. N.
WATER RESOURCES MANAGEMENT, vol.34, no.3, pp.1199-1212, 2020 (SCI-Expanded)
- IX. **Land use suitability analysis of rural tourism activities: Yenice, Turkey**
Kaptan Ayhan Ç., Cengiz Taşlı T., Özkök F., Tatli H.
TOURISM MANAGEMENT, vol.76, 2020 (SSCI)
- X. **Detrended cross-correlation patterns between North Atlantic oscillation and precipitation**
Tatli H., Menteş Ş. S.
THEORETICAL AND APPLIED CLIMATOLOGY, vol.138, pp.387-397, 2019 (SCI-Expanded)
- XI. **Interactive comment on “Drought lacunarity around the world and its classification” by Robert Monjo et al.)**
TATLI H.
EARTH SYSTEM SCIENCE DATA, vol.1, pp.1-2, 2019 (SCI-Expanded)
- XII. **Defining Holdridge's life zones over Turkey**
TATLI H., Dalfes H. N.
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.36, no.11, pp.3864-3872, 2016 (SCI-Expanded)
- XIII. **Detecting persistence of meteorological drought via the Hurst exponent**
TATLI H.
METEOROLOGICAL APPLICATIONS, vol.22, no.4, pp.763-769, 2015 (SCI-Expanded)
- XIV. **Downscaling standardized precipitation index via model output statistics**
Tatli H.
ATMOSPHERA, vol.28, no.2, pp.83-98, 2015 (SCI-Expanded)
- XV. **Climatological evaluation of Haines forest fire weather index over the Mediterranean Basin**
TATLI H., Turkes M.
METEOROLOGICAL APPLICATIONS, vol.21, no.3, pp.545-552, 2014 (SCI-Expanded)
- XVI. **Statistical complexity in daily precipitation of NCEP/NCAR reanalysis over the Mediterranean Basin**
Tatli H.
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.34, no.1, pp.155-161, 2014 (SCI-Expanded)
- XVII. **Use of the spectral clustering to determine coherent precipitation regions in Turkey for the period 1929-2007**
Turkes M., TATLI H.
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.31, no.14, pp.2055-2067, 2011 (SCI-Expanded)
- XVIII. **Empirical Orthogonal Function analysis of the palmer drought indices**

- TATLI H., Turkes M.
AGRICULTURAL AND FOREST METEOROLOGY, vol.151, no.7, pp.981-991, 2011 (SCI-Expanded)
- XIX. **Use of the standardized precipitation index (SPI) and a modified SPI for shaping the drought probabilities over Turkey**
Turkes M., TATLI H.
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.29, no.15, pp.2270-2282, 2009 (SCI-Expanded)
- XX. **Synchronization between the North Sea-Caspian pattern (NCP) and surface air temperatures in NCEP**
Tatli H.
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.27, no.9, pp.1171-1187, 2007 (SCI-Expanded)
- XXI. **Surface air temperature variability over Turkey and its connection to large-scale upper air circulation via multivariate techniques**
Tatli H., Dalfes H., Mentés S.
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.25, no.3, pp.331-350, 2005 (SCI-Expanded)
- XXII. **A statistical downscaling method for monthly total precipitation over Turkey**
Tatli H., Dalfes H., Mentés S.
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.24, no.2, pp.161-180, 2004 (SCI-Expanded)
- XXIII. **Nonlinear dynamics of hourly ozone concentrations: nonparametric short-term prediction**
ŞEN Z., KOÇAK K., Tatli H.
ATMOSPHERIC ENVIRONMENT, vol.34, no.5, pp.833-835, 2000 (SCI-Expanded)
- XXIV. **Comment on "Grade estimation using fuzzy set algorithms"**
Sen Z., Sönmez İ., Tatli H.
MATHEMATICAL GEOLOGY, vol.30, no.8, pp.1033-1038, 1998 (SCI-Expanded)
- XXV. **Simulation of Agricultural Meteorological Factors Affecting Evapotranspiration by Fuzzy Inference**
Şaylan L., Tatli H., Şen Z.
IFAC Proceedings Volumes, vol.31, no.9, pp.13-18, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of Drought in Turkey with the Resilience Index Developed Based on Socio-Economic and Biophysical Components**
Serkendiz H., Tatli H.
Direçlilik Dergisi , vol.7, no.1, pp.73-91, 2023 (Peer-Reviewed Journal)
- II. **TÜRKİYEDEKİ POTANSİYEL RÜZGÂR ENERJİ YOĞUNLUĞUNUN YENİDEN TANIMLANMASI**
SERKENDİZ H., TATLI H., ÖZTÜRK B.
Journal of Awareness, vol.3, no.5, pp.739-750, 2018 (Peer-Reviewed Journal)
- III. **Forest fire risk analysis via integration of GIS, RS and AHP: The Case of Çanakkale, Turkey, Turkey**
Akbulak C., TATLI H., Aygün G., Sağlam B.
Journal of Human Sciences, vol.15, no.4, pp.2127-2143, 2018 (Peer-Reviewed Journal)
- IV. **Forest fire risk analysis via integration of GIS, RS and AHP: The Case of Çanakkale, Turkey**
AKBULAK C., TATLI H., AYGÜN G., SAĞLAM B.
International Journal of Human Sciences, vol.15, no.4, pp.2127-2143, 2018 (Peer-Reviewed Journal)
- V. **Meteorolojik Zaman Serilerinde Kayıp Veri Tahmin Yöntemlerinin Başarımlarının Korelasyon Boyutu Analiziyle Karşılaştırılması**
Aslan S., Yozgatlıgil C., İyigün C., Batmaz İ., TATLI H.
İstatistik Araştırma Dergisi, vol.8, no.2, pp.55-67, 2011 (Peer-Reviewed Journal)
- VI. **Yeni istatistik ölçek küçültme yöntemleri ve Türkiye için uygulamalar**
TATLI H., DALFES H. N., MENTEŞ Ş. S.
İTÜ Dergisi-d Mühendislik Serisi, vol.5, no.1, pp.269-280, 2006 (Peer-Reviewed Journal)
- VII. **New statistical downscaling methods and application for Turkey**

TATLI H., DALFES H. N., MENTEŞ Ş. S.

İTÜ Dergisi Seri D: Mühendislik, vol.5, no.1/1 1/2, pp.269-280, 2006 (Peer-Reviewed Journal)

VIII. **Günlük en büyük sıcaklıkların bulanık kümeler ile kestirimi**

Tatlı H., Şen Z.

TURKISH JOURNAL OF ENGINEERING AND ENVIRONMENTAL SCIENCES, vol.25, no.1, pp.1-9, 2001 (Scopus)

IX. **Prediction of Daily Maximum Temperatures Via Fuzzy Sets**

Tatlı H., Şen Z.

TURKISH JOURNAL OF ENGINEERING AND ENVIRONMENTAL SCIENCES, vol.25, pp.1-9, 2001 (Scopus)

Books

I. **SPATIAL CLUSTERING OF DROUGHT INTENSITY IN TURKEY USING K-MEANS ALGORITHM**

Serkendiz H., TATLI H., Kılıç A., ÇETİN M., SUNGUR A.

in: EARTH, AIR QUALITY and CLIMATE, KAHYA CEYHAN, ÖZTOPAL AHMET, Editor, İTÜ Yayınevi, İstanbul, pp.153-167, 2024

II. **HASSASİYET KAVRAMI VE COĞRAFYA BİLİMİ KAPSAMINDA GELİŞTİRİLEN HASSASİYET KAVRAMSAL ÇERÇEVELERİNE TEORİK BİR BAKIŞ**

Serkendiz H., Tatlı H.

in: COĞRAFYADA YENİ YAKLAŞIMLAR & GÜNCEL ARAŞTIRMA VE İNCELEMELER, Erol KAPLUHAN, Ferdi AKBAŞ, Şule DEMİR, Editor, Gazi Kitabevi, Ankara, pp.179-214, 2022

III. **İKLİM DEĞİŞİKLİĞİNİN ZAMANSAL VE UZAYSAL ÖLÇEK KÜÇÜLTÜLMESİ**

TATLI H.

in: İklim Değişikliği ve Kentler Yapısal Çevre ve Yeşil Alanlar, Yıldız AKSOY, Editor, Özgür Öztürk Dakam Yayınları, İstanbul, pp.438-456, 2019

IV. **Muş İlinin Meteorolojik Kuraklık Analizi**

TATLI H.

in: Muş İli İçin Doğal Tehlike Kaynakları, Dölek I., Editor, Yayınevi, Ankara, pp.25-39, 2016

V. **Muş İlinin Meteorolojik Kuraklık Analizi**

TATLI H.

in: Muş İli İçin Doğal Tehlike Kaynakları, Dölek İskender, Editor, YayınEvi, Ankara, pp.25-39, 2016

VI. **New Statistical Downscaling Methods and Applications**

TATLI H.

Lap Lambert Academic Publishing, Waldshut-Tiengen, 2013

Papers Published in Refereed Scientific Meetings

I. **Analysis of drought intensity spatial characteristics in Turkey using the Moran spatial autocorrelation coefficient**

Serkendiz H., Tatlı H., Özcan H., Öztürk B.

TÜCAUM 2022 International Geography Symposium, İstanbul, Turkey, 12 - 14 October 2022, vol.1, pp.200-210

II. **Dynamical Downscaling of Holdridge Life Zones over Turkey for Future Climate Change under RCP 8.5 Emission Scenario**

Sonuç C. Y., TATLI H., Ünal Y. S.

9th International Symposium on Atmospheric Sciences – ATMOS 2019, İstanbul, Turkey, 23 - 25 October 2019, vol.1, pp.448-455

III. **Drought Analysis Using Copulas with Respect to the Climate Scenarios AR5 RCP8.5**

TATLI H.

9th International Symposium on Atmospheric Sciences – ATMOS 2019, İstanbul, Turkey, 23 - 25 October 2019, vol.1, pp.26-36

- IV. **Meteo-Diversity of Precipitation via Gini-Simpson Index over Turkey**
TATLI H.
9th International Symposium on Atmospheric Sciences – ATMOS 2019, İstanbul, Turkey, 23 - 25 October 2019, vol.1, pp.37-41
- V. **Changes Bio-Diversity via Holdridge Life Zones of Turkey**
TATLI H.
1st INTERNATIONAL SYMPOSIUM ON BIODIVERSITY RESEARCH, Çanakkale, Turkey, 2 - 04 May 2019, vol.1, pp.288-297
- VI. **Forest Fires Susceptibility in South Marmara of Turkey Via Canadian Forest Fire Weather Index**
TATLI H., KOÇAK K.
II. INTERNATIONAL CONFERENCE ON AWARENESS, Çanakkale, Turkey, 13 - 15 December 2018, pp.37-54
- VII. **Türkiye’deki Potansiyel Rüzgar Enerji Yoğunluğunun Yeniden Tanımlanması**
SERKENDİZ H., TATLI H., ÖZTÜRK B.
2nd International Conference on Awareness, Çanakkale, Turkey, 13 - 15 December 2018, pp.91-100
- VIII. **Türkiye’deki Yaşam-Bölgelerinin Holdridge Yaşam-Zon Yöntemi İle Belirlenmesi**
TEKİN M. K., TATLI H., KOÇ T.
International Geography Symposium on the 30th Anniversary of TUCAUM 3-6 October 2018, Ankara, Turkey, 3 - 06 October 2018, pp.713-722
- IX. **Power Law of Cross Correlation Between the North Atlantic Oscillation and Precipitation**
TATLI H., MENTEŞ Ş. S.
International Conference on Applied Mathematics in Engineering (ICAME 2018), Balıkesir, Turkey, 27 - 29 June 2018, pp.40
- X. **Detrended Fluctuation Analysis of Drought Over Turkey**
TATLI H.
International Conference on Applied Mathematics in Engineering (ICAME 2018), Balıkesir, Turkey, 27 - 29 June 2018, pp.41
- XI. **Seasonal Temperature And Precipitation Trends in Turkey”, 8th ATMOSPHERIC SCIENCES SYMPOSIUM - ATMOS2017**
TATLI H.
Seasonal Temperature And Precipitation Trends in Turkey”, 8th ATMOSPHERIC SCIENCES SYMPOSIUM - ATMOS2017, İstanbul, Turkey, 1 - 04 November 2017, vol.1, pp.636-644
- XII. **Meteorological Stations and Meteorological Services Established During the First World War in the Ottoman Emiire**
TATLI H., ATABAY M.
8th ATMOSPHERIC SCIENCES SYMPOSIUM - ATMOS2017, İstanbul, Turkey, 1 - 04 November 2017, vol.1, pp.724-731
- XIII. **Detection Climate-Change From A Seasonal Perspective Over Turkey**
TATLI H.
INTERNATIONAL 8th ATMOSPHERIC SCIENCES SYMPOSIUM - ATMOS2017, İstanbul, Turkey, 1 - 04 November 2017, vol.1, pp.636-644
- XIV. **Classification of the Köppen And Holdridge Life Zones with Respect to the Climate Scenarios 4.5-RCP over Turkey**
TATLI H.
INTERNATIONAL 8th ATMOSPHERIC SCIENCES SYMPOSIUM - ATMOS2017, İstanbul, Turkey, 1 - 04 November 2017, vol.1, pp.651-657
- XV. **Meteorological Stations and Meteorological Services Established During the First World War in the Ottoman Empire**
TATLI H., ATABAY M.
INTERNATIONAL 8th ATMOSPHERIC SCIENCES SYMPOSIUM - ATMOS2017, İstanbul, Turkey, 1 - 04 November 2017, vol.1, pp.724-731
- XVI. **Investigation of Çanakkale Forest Fires by Canadian Forest Fire Weather Index**

TATLI H., ÇEKMEK M., AKBULAK C., AYGÜN G., SAĞLAM B.

INTERNATIONAL 8th ATMOSPHERIC SCIENCES SYMPOSIUM - ATMOS2017, İstanbul, Turkey, 1 - 04 November 2017, vol.1, pp.372-380

- XVII. **Determining Risk of the Forest Fires In Çanakkale Via Geographic Information Systems and Analytic Hierarchy Process**
TATLI H., AKBULAK C., AYGÜN G., ÇEKMEK M., SAĞLAM B.
INTERNATIONAL 8th ATMOSPHERIC SCIENCES SYMPOSIUM - ATMOS2017, İstanbul, Turkey, 1 - 04 November 2017, vol.1, pp.381-392
- XVIII. **Türkiye Yağışlarının Spektral Kümeleme Yöntemi İle Sınıflandırılması**
TATLI H., GÜRHANLILAR A.
VII. Atmospheric Science Symposium, İstanbul, Turkey, 28 - 30 April 2015, vol.1, pp.627-635
- XIX. **Classification of Turkish Rainfall Via Spectral-Clustering**
TATLI H., GÜRHANLILAR A.
VII. Atmospheric Science Symposium, İstanbul, Turkey, 28 - 30 April 2015, vol.1, pp.627-635
- XX. **Investigation Of Possible Climate Change Effects In Turkey by Mann-Kendall Trend Approach**
TATLI H., ALTUNAY A.
VII. Atmospheric Science Symposium, İstanbul, Turkey, 28 - 30 April 2015, vol.1, pp.801-811
- XXI. **Türkiye deki Olası İklim Değişikliği Etkilerinin Mann Kendall Trend Yaklaşımı İle İncelenmesi**
TATLI H., ALTUNAY A.
VII. Atmospheric Science Symposium, İstanbul, Turkey, 28 - 30 April 2015, vol.1, pp.801-811
- XXII. **Kırklareli İl Topraklarının Kuraklık Hassasiyet Analizi**
bahar e., ÖZCAN H., TATLI H., murat t.
12. Ulusal Kültürteknik Sempozyumu. Tekirdağ, Turkey, 21 - 23 May 2014
- XXIII. **Analysis Specific Drought Years on Turkey via Palmer Drought Severity Index**
AKBAŞ A., TATLI H.
6th Atmospheric Science Symposium, İstanbul, Turkey, 24 - 26 April 2013, vol.1, pp.312-321
- XXIV. **Determination of precipitation regions of Turkey with the spectral clustering technique**
TÜRKEŞ M., TATLI H.
National Geographical Congress with International Participation, İstanbul, Turkey, 7 - 10 September 2011, vol.1, pp.1-10
- XXV. **Comparison of The Palmer Drought Severity Index with the Standardized Precipitation Index over Turkey**
TATLI H., TÜRKEŞ M.
5th Atmospheric Science Symposium, İstanbul, Turkey, 27 - 29 April 2011, pp.231-239
- XXVI. **Climatological and Meteorological Analysis of Forest Fires for the Year of 2009 in Çanakkale and Muğla with Keetch-Byram Index**
ALTAN G., TÜRKEŞ M., TATLI H.
5th. Atmospheric Science Symposium, İstanbul, Turkey, 27 - 29 April 2011, vol.1, pp.263-274
- XXVII. **Examination of the dry and wet conditions in Turkey via model output statistics (MOS)**
TATLI H., TÜRKEŞ M.
5th Atmospheric Science Symposium, İstanbul, Turkey, 27 - 29 April 2011, vol.1, pp.219-230
- XXVIII. **Comparison of Missing Value Imputation Methods for Turkish Monthly Total Precipitation Data**
Aslan S., Yozgatligil C., İyigün C., Batmaz İ., Türkes M., Tatli H.
9th International Conference Computer Data Analysis and Modeling: Complex Stochastic Data and Systems, Minsk, Belarus, 7 - 11 September 2010, vol.2, pp.137-140
- XXIX. **Forecasting the Extreme Precipitation in Türkiye**
Yozgatligil C., Aslan S., İyigün C., Batmaz İ., Türkes M., Tatli H.
Tenth Symposium on Stochastic Hydraulics. Fifth International Conference on Water Resources and Environment Research, Quebec City, Canada, 5 - 07 July 2010, pp.1-3
- XXX. **Doğrusal Olmayan Dinamik Zaman Serileri Analizi ve Korelasyon Boyutunun Kayıp Veri Atama Yöntemlerinde Başarım Ölçütü Olarak Kullanılması**

ASLAN S., YOZGATLIGIL C. T., İYİGÜN C., BATMAZ İ., TATLI H.

7. İstatistik Günleri Sempozyumu, Ankara, Turkey, 28 - 30 June 2010, vol.1, pp.100-102

- XXXI. **Kuraklık ve yağış etkinliği indislerinin çölleşmenin belirlenmesi, nitelenmesi ve izlenmesindeki rolü**
TÜRKEŞ M., TATLI H.
Çölleşme İle Mücadele Sempozyumu, Çorum, Turkey, 17 - 18 June 2010, vol.1, pp.245-263
- XXXII. **Meteorolojik Kuraklığın İzlenmesi İçin Yeni Standart Yağış İndisinin Türkiye Uygulaması**
TATLI H., TÜRKEŞ M.
Kuraklık Ve Su YÖNETİMİ TOPLANTISI: 5. Dünya Su Forumu Hazırlık Süreci Türkiye Bölgesel Su Toplantısı, Ankara, Turkey, 15 - 16 May 2008, vol.1, pp.159-171
- XXXIII. **Drought Events of 2006/2007 in Turkey and Determination of its Association with Large-scale Atmospheric Variables by Logistic-regression**
TATLI H., TÜRKEŞ M.
International Fourth Symposium on Atmospheric Sciences, İstanbul, Turkey, 25 - 28 March 2008, vol.1, pp.516-527
- XXXIV. **A NEW STANDARDIZED PRECIPITATION INDEX (NEW-SPI) FOR DETERMINING EXTREME DROUGHTS AND WET CONDITIONS: APPLICATION IN TURKEY**
TÜRKEŞ M., TATLI H.
International Fourth Symposium on Atmospheric Sciences, İstanbul, Turkey, 25 - 28 March 2008, vol.1, pp.528-538
- XXXV. **Aşırı kurak ve nemli koşulların belirlenmesi için yeni bir standartlaştırılmış yağış indisi (yeni-SPI): Türkiye'ye uygulanması**
TATLI H., TÜRKEŞ M.
IV. Atmosfer Bilimleri Sempozyumu, 23 March - 26 December 2008
- XXXVI. **Türkiyede kuraklık olasılıklarının standartlaştırılmış yağış indisi (SPI) kullanılarak saptanması ve iklimsel değişkenlik açısından değerlendirilmesi**
TÜRKEŞ M., TATLI H.
Küresel İklim Değişimi ve Su Sorunlarının Çözümünde Ormanlar Sempozyumu, İstanbul, Turkey, 13 - 14 November 2007, vol.1, pp.55-62
- XXXVII. **Temporal analysis of the North sea Caspian pattern index NCPI) : A semi empirical integration approach**
TATLI H., Borhan Y.
Climate Change and the Middle East - Past, Present and Future, İstanbul, Turkey, 20 - 23 November 2006, pp.1-10
- XXXVIII. **YÖRÜNGE METODU İLE DİNAMİK SİSTEMİN ELDE EDİLMESİ**
KOÇAK K., TATLI H.
MANTIK, MATEMATİK ve FELSEFE IV. Ulusal Sempozyumu OLASILIK, İzmir, Turkey, 5 - 08 September 2006, vol.1, pp.125-146
- XXXIX. **Analysis Mediterranean precipitation associated with the North Atlantic Oscillation Index (NAOI) via Hilbert-Huang Transformation**
TATLI H.
Conference On Water Observation and Information System for Decision Support (BALWOIS-2006), Ohrid, Macedonia, 23 - 26 May 2006, pp.1-11
- XL. **Ambaroba Landslide: An anthropogenetically triggered rotational landslide in NW-Anatolia, Çanakkale, Turkey**
TÜRKEŞ M., ERGİNAL A. E., TATLI H., SARIŞ F., BAYRAKDAR C.
International Çanakkale Congress, Çanakkale, Turkey, 17 - 19 March 2006, pp.537-542
- XLI. **İstatistiksel Ölçek Küçültme Yöntemleri:Türkiye'ye Uygulamaları**
TATLI H., DALFES H. N.
Ulusal İklim Bilimleri Kollokyumu 2005 ÜİK 05, Mersin, Turkey, 6 April - 08 January 2005, pp.1-15
- XLII. **Türkiye aylık toplam yağışlarının sınıflandırılması**
TATLI H., MENTEŞ S. Ş., ÜNAL Y. S.
IV. Ulusal Hidroloji Kongresi, İstanbul, Turkey, 23 - 25 June 2004, vol.1, pp.117-128
- XLIII. **Kuzey Atlantik salınımının yerel klimatolojilere etkisinin BBA (ICA) ile çözümlenmesi**
ÖZEREN S., TATLI H., DALFES H. N.

11. Sinyal İşleme Ve Uygulamaları Kurultayı, İstanbul, Turkey, 18 - 20 June 2003, vol.1, pp.19-22
- XLIV. **Türkiye yağışlarını etkileyen deniz seviyesi basınçlarının asal bileşen faktör ve kümelerarası ilişki analizi.**
TATLI H., DALFES H. N., MENTEŞ S. Ş.
III. Atmosfer Bilimleri Sempozyumu, İstanbul, Turkey, 19 - 21 March 2003, vol.1, pp.150-160
- XLV. **Verilerden model elde etmek için bir yöntem**
TATLI H., KOÇAK K.
III. Atmosfer Bilimleri Sempozyumu, İstanbul, Turkey, 19 - 21 March 2003, vol.1, pp.161-165
- XLVI. **İklim Çalışmalarında Uzaysal Ölçek Küçültme (Downscaling)Yöntemleri**
TATLI H., DALFES H. N.
Klimatoloji 2002, İzmir, Turkey, 11 - 13 April 2002, vol.1, pp.71-88
- XLVII. **Tarımsal Meteorolojide belirsizlik altında çıkarım**
TATLI H., ŞAYLAN L., ŞEN Z.
VII. Kültür Teknik Kongresi, Nevşehir, Turkey, 11 - 14 November 1999, vol.1, pp.292-299
- XLVIII. **Bulanık sinir ağları ile toprak su içeriğinin tahmini**
TATLI H., ŞAYLAN L., ŞEN Z.
II. Ulusal Hidrometeoroloji Sempozyumu, Ankara, Turkey, 18 - 20 November 1998, vol.1, pp.37-42
- XLIX. **Buharlaşma İle İlgili Çalışmaların Tarihi Gelişimi**
TATLI H., ŞAYLAN L., OMA Y E.
Tarım ve Orman Meteorolojisi Sempozyumu'98, İstanbul, Turkey, 21 - 23 October 1998, vol.1, pp.21-25
- L. **Göl Su Seviye Çalkantılarının Ortogonal-Olmayan Doğrusal Alt-Uzaylar Yaklaşımı İle Tanımlanması**
TATLI H.
II. Ulusal Hidroloji Kongresi, İstanbul, Turkey, 22 - 24 June 1998, vol.1, pp.266-274
- LI. **Lake level modeling by neural fuzzy method and application**
TATLI H., Şen Z.
2nd Int. Sym. on Intelligent Manufacturing Systems (IMS'98), Kocaeli, Turkey, 5 - 07 May 1998, pp.391-397
- LII. **Simulation of agricultural meteorological factors affecting evapotranspiration by fuzzy inference**
Saylan L., Tatli H., Sen Z.
2nd IFAC/ISHS/CIGR/EURAGENG Workshop on Control Applications in Post-Harvest and Processing Technology 1998 (CAPPT 98), Budapest, Hungary, 3 - 05 June 1998, pp.13-18
- LIII. **Air pollution control by fuzzy rule based modeling**
Tatli H., Sen Z.
10th Regional IUAPPA Conference, İstanbul, Turkey, 23 - 26 September 1997, pp.467-472

Supported Projects

- Özelkan E., Arslan E., Karaman M., Tatlı H., Güven S., Eren E., Project Supported by Higher Education Institutions, Kuraklığın ve Beşeri Etkenlerin Baraj Gölü Su Varlığına Etkisi Marmara Bölgesi Örneği, 2024 - 2025
- Tatlı H., Çetin M., Sungur A., TUBITAK Project, Türkiye'nin Kuraklık Hassasiyetine Çok Boyutlu Yaklaşım (TUBİTAK-1001), 2021 - 2024
- AKBULAK C., ULUOCAK Ş., TATLI H., MURA E., Project Supported by Higher Education Institutions, Çanakkale ili kırsal alanlarında sosyo-ekonomik kalkınma analizi, 2017 - 2019
- AKBULAK C., TATLI H., TUBITAK Project, Uzaktan Algılama, CBS ve AHS Yöntemleri Kullanılarak Çanakkale İlinde Orman Yangını Risk Analizi, 2016 - 2017
- TATLI H., TUBITAK Project, İklim Değişikliği Senaryoları Altında Gelecekteki Sulama ve İçme Suyu Taleplerinin İrdelenmesi: Gediz Havzası Örneği, 2013 - 2017
- TATLI H., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Kalkınma Yolunda Doğal Afetler, 2014 - 2015
- ÖZCAN H., TATLI H., BAHAR E., Project Supported by Higher Education Institutions, Marmara Bölgesi Trakya Bölümü Topraklarının Kuraklık Hassasiyet Analizi, 2011 - 2014
- AKBULAK C., TATLI H., TUBITAK Project, Coğrafi İşaretler ve Kırsal Kalkınma: Ezine Peyniri Örneği, 2011 - 2012

Kaptan Ayhan Ç., Cengiz Taşlı T., Özkök F., Tatlı H., TUBITAK Project, Determination of Land Use Suitability for Rural Tourism Activities; Yenice (Canakkale) Example, 2010 - 2012
TATLI H., TUBITAK Project, Analitik Hiyerarşi Süreci Ve Coğrafi Bilgi Sistemleri Kullanılarak Kara Menderes Havzasında Arazi Uygunluk Analizinin Yapılması, 2009 - 2011
TÜRKEŞ M., SARIŞ F., ERGİNAL A. E., TATLI H., Project Supported by Higher Education Institutions, Ambaroba Köyü ve Çevresinde (Biga-Çanakkale) Heyelan Sorununun Çözümü-Kontrol ve Islahı Üzerine Bir Jeomorfoloji Araştırması, 2006 - 2009
TATLI H., TUBITAK Project, Türkiye İçin İklim Değişikliği Senaryoları-1007, 2005 - 2008

Peer Reviews in Scientific Publications

Water Resources Management, SCI Journal, March 2021
NATURAL HAZARDS, SCI Journal, March 2021
NATURAL HAZARDS, SCI Journal, February 2021
INTERNATIONAL JOURNAL OF CLIMATOLOGY, SCI Journal, January 2021
JOURNAL OF URBAN PLANNING AND DEVELOPMENT-ASCE, SCI Journal, October 2020
Scientific Reports, SCI Journal, September 2020
THEORETICAL AND APPLIED CLIMATOLOGY, SCI Journal, September 2020
THEORETICAL AND APPLIED CLIMATOLOGY, SCI Journal, August 2020
PHYSICAL GEOGRAPHY, SCI Journal, July 2020
Fluctuation and Noise Letters, SCI Journal, May 2020
Theoretical and Applied Climatology, SCI Journal, May 2020
Water Resources Management, SCI Journal, February 2020
Journal of Urban Planning and Development, SCI Journal, December 2019
Journal of Geography, SCI Journal, December 2019
Journal of Environmental Management, SCI Journal, October 2019
Climate Research, SCI Journal, October 2019
Water Resources Management, SCI Journal, September 2019
International 9th Atmospheric Sciences Symposium – ATMOS 2019 (7 Adet Bildiri Hakemliği) , Other journals, September 2019
Earth System Science Data, SCI Journal, September 2019
Journal of Geography, SCI Journal, June 2019
Yurtdışından Bilim İnsan Daveti (İTÜ) , Other Journals, April 2019
Yurtdışı Bilim İnsanı Davet, Other Journals, April 2019
Journal of Environmental Management, SCI Journal, March 2019
Journal of Environmental Management, SCI Journal, January 2019
Journal of Hydrology, SCI Journal, November 2018
Journal of Hydrology, SCI Journal, October 2018
Journal of Environmental Management, SCI Journal, September 2018
Meteorological Applications, SCI Journal, August 2018
Theoretical and Applied Climatology, SCI Journal, June 2018
Journal of Environmental Management, SCI Journal, June 2018
JOURNAL OF HYDROLOGY, SCI Journal, April 2018
WEATHER, SCI Journal, March 2018
Theoretical and Applied Climatology, SCI Journal, March 2018
Meteorological Applications, SCI Journal, February 2018
Journal of Hydrology, SCI Journal, January 2018
Journal of Environmental Management, SCI Journal, January 2018
Meteorological Applications, SCI Journal, January 2018
Journal of Environmental Management, SCI Journal, January 2018

Journal of Environmental Management, SCI Journal, November 2017
Journal of Hydrology, SCI Journal, November 2017
Journal of Hydrology, SCI Journal, August 2017
International 8th Atmospheric Sciences Symposium – ATMOS 2017 (10 Adet Bildiri Hakemliği) , Other journals, August 2017
Computational Intelligence, SCI Journal, August 2017
Stochastic Environmental Research and Risk Assessment, SCI Journal, July 2017
Journal of Environmental Management, SCI Journal, July 2017
TCK, Türk Coğrafya Dergisi, National Scientific Refreed Journal, July 2017
Journal of Hydrology, SCI Journal, June 2017
International Journal of Climatology , SCI Journal, June 2017
Quaternary International, SCI Journal, June 2017
Journal of Environmental Management, SCI Journal, May 2017
Stochastic Environmental Research and Risk Assessment, SCI Journal, May 2017
Meteorological Applications, SCI Journal, May 2017
Stochastic Environmental Research and Risk Assessment, SCI Journal, April 2017
Meteorological Applications, SCI Journal, April 2017
Journal of Environmental Management, SCI Journal, February 2017
Physical Geography, SCI Journal, January 2017
Journal of Environmental Management, SCI Journal, November 2016
International Journal of Natural and Engineering Sciences, Other Indexed Journal, November 2016
Meteorological Applications , SCI Journal, October 2016
International Congress on Natural and Engineering Sciences, Other journals, September 2016
Journal of Hydrology, SCI Journal, September 2016
International Congress on Natural and Engineering Sciences. State University of Tetova, MACEDONIA, Other journals, September 2016
Stochastic Environmental Research and Risk Assessment, SCI Journal, September 2016
Meteorology and Atmospheric Physics, SCI Journal, August 2016
Geomatics, Natural Hazards and Risk, SCI Journal, July 2016
Meteorological Applications, SCI Journal, July 2016
Journal of Hydrology, SCI Journal, June 2016
Journal of Hydrology, SCI Journal, June 2016
Gazi Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi , National Scientific Refreed Journal, May 2016
Journal of Hydrology, SCI Journal, May 2016
Journal of Hydrology, SCI Journal, January 2016
Journal of Environmental Management, SCI Journal, October 2015
Journal of Environmental Management, SCI Journal, October 2015
Natural Hazards, SCI Journal, October 2015
Journal of Environmental Management, SCI Journal, September 2015
Stochastic Environmental Research and Risk Assessment, SCI Journal, April 2015
TCK, Türk Coğrafya Dergisi, National Scientific Refreed Journal, April 2015
Advances in Atmospheric Sciences, SCI Journal, November 2014
Natural Hazards, SCI Journal, August 2014
Journal of Environmental Management, SCI Journal, July 2014
International Journal of Sustainable Development and World Ecology, SCI Journal, January 2014
Meteorological Applications , SCI Journal, October 2012
Journal of Environmental Management, SCI Journal, October 2012
Natural Hazards, SCI Journal, October 2011
Climate Research, SCI Journal, July 2011
International Journal of Climatology, SCI Journal, March 2011
Journal of Climate , SCI Journal, March 2011

