

HASAN TATLI

PROF.

Email : tatli@comu.edu.tr

Other Email : tatli.hasan@gmail.com

Office Phone : [+90 286 218 0018](tel:+902862180018) Extension: 22111

Address : Çanakkale Onsekiz Mart Üniversitesi, Fen Edebiyat

Fakültesi, Coğrafya Bölümü, 17100, Çanakkale, Türkiye

(<https://orcid.org/0000-0002-1960-0618>)



Biography

Hasan TATLI, a full professor and a graduate from the Technical University of Istanbul, has a background in meteorology-engineering and is a lecturer in geography at Çanakkale Onsekiz University. He's an experienced meteorologist. His research has focused on the development of statistical models for downscaling the impact of climate change and essentially examining the substantiated uncertainty in climate variability. His research focuses on environmental change and its consequences on society, including processes on the planet and on the Earth. His research interests are climate change and natural hazards. His current interest is concerned with the ecological problems of forest fires and drought, which are especially acute in Mediterranean regions as a result of climate change.

Learning Knowledge

Doctorate 1997 - 2004	Istanbul Technical University, Fen Bilimleri Enstitüsü, Atmosfer Bilimleri Ve Meteoroloji Mühendisliği, Turkey
Post Graduate 1995 - 1997	Istanbul Technical University, Fen Bilimleri Enstitüsü, Atmosfer Bilimleri ve Meteoroloji Mühendisliği, Turkey
Under Graduate 1990 - 1995	Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Meteoroloji Mühendisliği, Turkey

Certificates, Courses and Trainings

Education Management and Planning, Bölgesel Hava Tahmini, Leipzig Üniversitesi/Almanya Çevre Bakanlığı, 1994

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

Post Graduate, 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

Academic Titles / Tasks

Professor
2017 - Continues

Canakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Coğrafya

Associate Professor
2009 - 2017

Canakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Coğrafya

Assistant Professor
2005 - 2008

Canakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Coğrafya

Research Assistant PhD
2004 - 2005

Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Meteoroloji Mühendisliği

Research Assistant
1997 - 2003

Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Meteoroloji Mühendisliği

Supported Projects

1. AKBULAK C., ULUOCAK Ş., TATLI H., MURA E., Project Supported by Higher Education Institutions, Çanakkale ili kırsal alanlarında sosyo-ekonomik kalkınma analizi, 2017 - 2019
2. TATLI H., TUBITAK Project, İklim Değişikliği Senaryoları Altında Gelecekteki Sulama ve İçme Suyu Taleplerinin İrdelenmesi: Gediz Havzası Örneği, 2013 - 2017
3. TATLI H., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Kalkınma Yolunda Doğal Afetler, 2014 - 2015
4. ÖZCAN H., TATLI H., BAHAR E., Project Supported by Higher Education Institutions, Marmara Bölgesi Trakya Bölümü Topraklarının Kuraklık Hassasiyet Analizi, 2011 - 2014
5. TATLI H., TUBITAK Project, Analitik Hiyerarşi Süreci Ve Coğrafi Bilgi Sistemleri Kullanılarak Kara Menderes Havzasında Arazi Uygunluk Analizinin Yapılması, 2009 - 2011
6. 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
7. TATLI H., TUBITAK Project, Türkiye İçin İklim Değişikliği Senaryoları-1007, 2005 - 2008

Jury Memberships

Appointment Academic Staff, Appointment Academic Staff, Çanakkale Onsekiz Mart Üniversitesi, February, 2021
Appointment Academic Staff, Appointment Academic Staff, Çanakkale Onsekiz Mart Üniversitesi, December, 2020
Associate Professor Exam, Doçentlik, Nisan 2019 Dönemi, Mühendislik Temel Alanı, 901-Atmosfer Bilimleri Ve Meteoroloji Mühendisliği, ÜAK, Ekim, 2019, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Ekim 2019, February, 2020
Associate Professor Exam, Doçentlik, Nisan 2019 Dönemi, Mühendislik Temel Alanı, 901-Atmosfer Bilimleri Ve Meteoroloji Mühendisliği, ÜAK, Ekim, 2019, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Ekim 2019, February, 2020
Appointment Academic Staff, Dr.Öğretim Üyesi Atama Jüri Üyeliği, Çanakkale Onsekiz mart Üniversitesi, July, 2019
Appointment Academic Staff, Dr.Öğretim Üyesi Atama Jüri Üyeliği, Çanakkale Onsekiz mart Üniversitesi, July, 2019
Associate Professor Exam, Nisan 2019 Dönemi, Mühendislik Temel Alanı, 901-Atmosfer Bilimleri Ve Meteoroloji Mühendisliği, ÜAK, April, 2019
Associate Professor Exam, Nisan 2018 Dönemi, Mühendislik Temel Alanı, 901-Atmosfer Bilimleri Ve Meteoroloji Mühendisliği, ÜAK/YÖK, April, 2018

Doctorate, Tez Savunma, Ege Üniversitesi, Ziraat Fakültesi , November, 2017

Associate Professor Exam, Nisan 2017 Dönemi, Mühendislik Temel Alanı, 901-Atmosfer Bilimleri Ve Meteoroloji Mühendisliği, ÜAK/YÖK, April, 2017

Doctorate, Doktora , İstanbul Teknik Üniversitesi, Uçak Ve Uzay Bilimleri Fakültesi, March, 2016

Appointment Academic Staff, Yardımcı Doçentlik Atama, Çanakkale Onsekiz Mart Üniversitesi, Fen Edebiyat Fakültesi, August, 2012

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- 1. Climate classification in Turkey: a case study evaluating Holdridge life zones**
Tekin M. K. , Tatlı H., Koç T.
THEORETICAL AND APPLIED CLIMATOLOGY, vol.144, pp.661-674, 2021 (Journal Indexed in SCI)
- 2. ANALYSIS OF TEMPORAL DIVERSITY OF PRECIPITATION ALONG WITH BIODIVERSITY OF HOLDRIDGE LIFE ZONES**
Tatlı H., Dalfes H. N.
Theoretical And Applied Climatology, vol.144, pp.391-400, 2021 (Journal Indexed in SCI)
- 3. Land use suitability analysis of rural tourism activities: Yenice, Turkey**
Kaptan Ayhan Ç., Cengiz Taşlı T., Özkök F., Tatlı H.
TOURISM MANAGEMENT, vol.76, 2020 (Journal Indexed in SSCI)
- 4. 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 (Journal Indexed in SCI)
- 5. Detrended cross-correlation patterns between North Atlantic oscillation and precipitation**
Tatlı H., Menteş Ş. S.
THEORETICAL AND APPLIED CLIMATOLOGY, vol.138, pp.387-397, 2019 (Journal Indexed in SCI)
- 6. 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 (Journal Indexed in SCI)
- 7. Defining Holdridge's life zones over Turkey**
TATLI H., Dalfes H. N.
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.36, no.11, pp.3864-3872, 2016 (Journal Indexed in SCI)
- 8. Detecting persistence of meteorological drought via the Hurst exponent**
TATLI H.
METEOROLOGICAL APPLICATIONS, vol.22, no.4, pp.763-769, 2015 (Journal Indexed in SCI)
- 9. Downscaling standardized precipitation index via model output statistics**
Tatlı H.
ATMOSPHERA, vol.28, no.2, pp.83-98, 2015 (Journal Indexed in SCI)
- 10. 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 (Journal Indexed in SCI)
- 11. Statistical complexity in daily precipitation of NCEP/NCAR reanalysis over the Mediterranean Basin**
Tatlı H.
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.34, no.1, pp.155-161, 2014 (Journal Indexed in SCI)
- 12. 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 (Journal Indexed in SCI)
- 13. 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 (Journal Indexed in SCI)
14. **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 (Journal Indexed in SCI)
 15. **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 (Journal Indexed in SCI)
 16. **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 (Journal Indexed in SCI)
 17. **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 (Journal Indexed in SCI)
 18. **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 (Journal Indexed in SCI)
 19. **Comment on "Grade estimation using fuzzy set algorithms"**
Sen Z., Sönmez İ., Tatli H.
MATHEMATICAL GEOLOGY, vol.30, no.8, pp.1033-1038, 1998 (Journal Indexed in SCI)

Articles Published in Other Journals

1. **TÜRKİYEDEKİ POTANSİYEL RÜZGÂR ENERJİ YOĞUNLUĞUNUN YENİDEN TANIMLANMASI**
SERKENDİZ H., TATLI H., ÖZTÜRK B.
Journal of Awareness, vol.3, no.5, pp.739-750, 2018 (Journal Indexed in ESCI)
2. **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 (Journal Indexed in ESCI)
3. **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 (International Refereed University Journal)
4. **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 (Other Refereed National Journals)
5. **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 (National Refereed University Journal)
6. **Günlük en büyük sıcaklıkların bulanık kümeler ile kestirimi**
TATLI H., ŞEN Z.
TURKISH JOURNAL OF ENGINEERING AND ENVIRONMENTAL SCIENCES, vol.25, no.1, pp.1-9, 2001 (Other Refereed National Journals)
7. **Prediction of Daily Maximum Temperatures Via Fuzzy Sets**
TATLI H., ŞEN Z.
Turkish Journal of Engineering and Environmental Sciences, vol.25, pp.1-9, 2001 (Refereed Journals of Other Institutions)

8. **A new fuzzy modeling approach for prediction the maximum daily temperature from a time series**
TATLI H., ŞEN Z.
TURKISH JOURNAL OF ENGINEERING AND ENVIRONMENTAL SCIENCES, vol.23, no.3, pp.173-180, 1999 (Other Refereed National Journals)

Books & Book Chapters

1. **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
2. **Muş İlinin Meteorolojik Kuraklık Analizi**
TATLI H.
in: Muş İli İçin Doğal Tehlike Kaynakları, Dölek I. , Editor, Yayınevi, Ankara, pp.25-39, 2016
3. **Muş İlinin Meteorolojik Kuraklık Analizi**
TATLI H.
in: Muş İli İçin Doğal Tehlike Kaynakları, Dölek İskender, Editor, YayınEvi, Ankara, pp.25-39, 2016
4. **New Statistical Downscaling Methods and Applications**
TATLI H.
Lap Lambert Academic Publishing, Waldshut-Tiengen, 2013

Refereed Congress / Symposium Publications in Proceedings

1. **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
2. **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
3. **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
4. **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
5. **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
6. **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
7. **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

8. **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
9. **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
10. **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
11. **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
12. **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
13. **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.
8th ATMOSPHERIC SCIENCES SYMPOSIUM - ATMOS2017, İstanbul, Turkey, 1 - 04 November 2017, vol.1, no.1, pp.381-392
14. **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
15. **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
16. **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
17. **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
18. **Investigation of Çanakkale Forest Fires by Canadian Forest Fire Weather Index**
TATLI H., Çekmek M., AKBULAK C., Aygün G., SAĞLAM B.
8th ATMOSPHERIC SCIENCES SYMPOSIUM - ATMOS2017, İstanbul, Turkey, 1 - 04 November 2017, vol.1, no.1, pp.372-380

19. **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
20. **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
21. **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
22. **Türkiye deki Olası İklim Değişikliği Etkilerinin Mann Kendall Trend Yaklaşığı İle İncelenmesi**
TATLI H., ALTUNAY A.
VII. Atmospheric Science Symposium, İstanbul, Turkey, 28 - 30 April 2015, vol.1, pp.801-811
23. **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
24. **Kırklareli İl Topraklarının Kuraklık Hassasiyet Analizi**
bahar e., ÖZCAN H., TATLI H., murat t.
12. Ulusal Kültürteknik Sempozyumu. Tekirdağ, Turkey, 21 - 23 May 2014
25. **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
26. **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
27. **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
28. **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
29. **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
30. **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
31. **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
32. **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
33. **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

34. **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
35. **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
36. **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
37. **Aşırı kurak ve nemli koşulların belirlenmesi için yeni bir standartlaştırılmış yağış indisi (yeni-SPI): Türkiye'xye uygulanması**
TATLI H., TÜRKEŞ M.
IV. Atmosfer Bilimleri Sempozyumu, 23 March - 26 December 2008
38. **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
39. **Temporal analysis of the North sea Caspian pattern index NCPI) : A semi emprical 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
40. **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
41. **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
42. **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
43. **İstatistiksel Ölçek Küçültme Yöntemleri:Türkiye'ye Uygulamaları**
TATLI H., DALFES H. N.
Ulusal İklim Bilimleri Kollokyumu 2005 UİK 05, Mersin, Turkey, 6 April - 08 January 2005, pp.1-15
44. **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
45. **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
46. **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

47. **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
48. **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
49. **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
50. **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
51. **Buharlaştırma 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
52. **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
53. **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
54. **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
55. **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

Advising Theses

- TATLI H., Vahşi Orman Yangınlarının Kanada Orman Yangın Hava İndeksi Yöntemi İle Analizi: Çanakkale Örneği, Post Graduate, M.ÇEKMEK(Student), 2018
- TATLI H., Mann-Kendall-Sen Trend Yöntemi İle Türkiye'deki Klimatolojik Verilerin İncelenmesi, Post Graduate, 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, Post Graduate, R.KAHRAMAN(Student), 2014
- TATLI H., Marmara Bölgesinin Rüzgar Klimatolojisi Ve Potansiyeli, Post Graduate, K.DAĞDELEN(Student), 2014
- TATLI H., Türkiye'de Palmer Kuraklık İndisine Göre Kuraklığın Alansal Ve Zamansal Değişiminin İncelenmesi, Post Graduate, A.AKBAŞ(Student), 2013
- TATLI H., Türkiye'nin Meteorolojik Kuraklık Olasılık Dağılımlarını Standart Yağış İndisi (SPI) yöntemi İle Belirleme., Post Graduate, D.DENİZ(Student), 2009

Memberships / Tasks in Scientific Organizations

TMMOB/ Meteoroloji Mühendisleri Odası, Member, 1997 - Continues

Scientific Refereeing

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 Geography, SCI Journal, December 2019
Journal of Urban Planning and Development, 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
TUBITAK Project, April 2019
Journal of Environmental Management, SCI Journal, March 2019
Journal of Environmental Management, SCI Journal, January 2019
January 2019
January 2019
January 2019
January 2019
January 2019
January 2019
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 Hydrology, SCI Journal, November 2017
Journal of Environmental Management, 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
Quaternary International, SCI Journal, June 2017
Journal of Hydrology, SCI Journal, June 2017
International Journal of Climatology , 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
Meteorological Applications, SCI Journal, April 2017
Stochastic Environmental Research and Risk Assessment, 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
International Congress on Natural and Engineering Sciences. State University of Tetova, MACEDONIA, Other journals, September 2016
Journal of Hydrology, SCI Journal, 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
Journal of Hydrology, SCI Journal, May 2016
Gazi Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi , National Scientific Refreed 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
Research Journal of Earth and Planetary Sciences , SCI Journal, January 2011
International Journal of Human Sciences, Journal Indexed in SSCI, November 2010

TUBITAK Project, April 2010

Journal of Urban Planning and Development, SCI Journal, July 2009

Journal of Urban Planning and Development, SCI Journal, June 2009

African Journal of Environmental Science and Technology, SCI Journal, May 2009

Hydrological Sciences Journal, SCI Journal, April 2009

Journal of Urban Planning and Development , SCI Journal, November 2008

5. Dünya Su Forumu, Taşkınlar Konferansı, Other Journals, April 2008

International Journal of Climatology, SCI Journal, April 2007

International Journal of climatology, SCI Journal, April 2006

Journal of Climate, SCI Journal, August 2004

Scientific Consultations

CENAL Elektrik Üretim A.Ş., Scientific Consultancy, Canakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Coğrafya, Turkey, 2018 - Continues

Citations

Total Citations (WOS):334

h-index (WOS):8

Research Areas

Physical Geography, Atmospheric Sciences and Meteorological Engineering, Atmospheric Physics, Atmospheric Dynamics and Thermodynamics, Climate, Climate Change and Climate Modeling, Meteorological Disasters, Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Fuzzy Sets and Systems, Engineering and Technology