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Foreign Languages

English, C1 Advanced

Research Areas

Atmospheric Sciences and Meteorological Engineering

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Uçak Ve Uzay Bilimleri, Meteoroloji Mühendisliği, 2014 - Continues

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

- I. **Classification and analysis of sea-effect snowbands for Danube Sea area in Black Sea**
Yavuz V., Deniz A., Ozdemir E. T., Kolay O., Karan H.
INTERNATIONAL JOURNAL OF CLIMATOLOGY, 2021 (Journal Indexed in SCI)
- II. **Nowcasting of a thunderstorm: The case study of 2 february, 2015 at istanbul ataturk international airport**
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- III. **Squall line over Antalya: a case study of the events of 25 October 2014**
Özdemir E. T., Yavuz V., Deniz A., Karan H., Kartal M., Kent S.
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- IV. **Synoptic analysis of dust storm over Arabian Peninsula: a case study on February 28, 2009**
Ozdemir E. T., Korkmaz F. M., Yavuz V.
NATURAL HAZARDS, vol.92, no.2, pp.805-827, 2018 (Journal Indexed in SCI)
- V. **INVESTIGATION OF THE FOG-AIR QUALITY RELATIONSHIP IN ISTANBUL**
Ozdemir E. T., Deniz A., Yavuz V., Doğan N., Akbayır İ.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.1, pp.30-36, 2018 (Journal Indexed in SCI)
- VI. **INVESTIGATION OF THUNDERSTORMS OVER ATATURK INTERNATIONAL AIRPORT (LTBA), ISTANBUL**
Ozdemir E. T., Deniz A., Sezen I., ASLAN Z., Yavuz V.
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- VII. **Fog analysis at Istanbul Ataturk International Airport**
Ozdemir E. T., DENİZ A., SEZEN I., Menteş Ş. S., YAVUZ V.
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Articles Published in Other Journals

- I. **Power Curve Verification of Wind Turbines by Using the Nacelle Mounted Anemometer**
Yavuz V., Deniz A.
Journal of Research in Atmospheric Science, vol.1, no.1, pp.38-41, 2019 (Other Refereed National Journals)
- II. **Temporal Analysis of Fog Incident at Airports in Turkey**
Akbayır I., Yavuz V., Deniz A.
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- III. **The Method for Forecasting Relative Humidity with Height**
Yavuz V., Akbayır I., Deniz A.
IJESC, vol.7, no.12, pp.15827-15828, 2017 (Refereed Journals of Other Institutions)
- IV. **Analysis of Hail Incident for Two Different Provinces in Turkey: A Case Study Using Synoptic Analysis and Numerical Weather Prediction Model (WRF)**
Yavuz V., Akbayır I., Deniz A.
IJESC, vol.7, no.12, pp.15822-15826, 2017 (Refereed Journals of Other Institutions)
- V. **Evaluation of Air Quality in Terms of Health on a Regional Basis in Istanbul**
Akbayır I., Yavuz V., Deniz A.
IJESC, vol.6, no.11, pp.3308-3311, 2016 (Refereed Journals of Other Institutions)
- VI. **Comparison of Three Stations' PM10 Data for Istanbul, Turkey**
Deniz A., Çiftci N., Akbayır I., Yavuz V.
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- VII. **Investigation of Wind Characteristics for Bergama in Terms of Wind Energy**
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- VIII. **Investigation of Accident Incident In-Flight Reports for The European Region**
Yavuz V., Deniz A.
Avrupa Bilim ve Teknoloji Dergisi, vol.2, no.5, pp.155-160, 2015 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Queensland Townsville Floods in Australia in Feb 2019**
Yavuz V., Yetemen Ö., Deniz A.
ATMOS'19 (9. Atmosfer Bilimleri Sempozyumu), İstanbul, Turkey, 23 - 26 October 2019, pp.80-87
- II. **Power Curve Verification on Wind Turbines by Using the Nacelle Mounted Anemometer**
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- III. **İstanbul Sabiha Gökçen Uluslararası Havalimanı'na Ait Sis Oluşumu ile İlgili Sinoptik Durum Araştırması**
Deniz A., Yavuz V.
TUJJB Bilimsel Kongresi, İzmir, Turkey, 30 May - 02 June 2018, pp.225-228
- IV. **Güvenli Uçuş ve Ekonomik Kayıpların Minimize Edilmesi için İstanbul Sabiha Gökçen Uluslararası Havalimanı'na Ait FOGSİ İndeksi Kullanılarak Sis Analizi**
Yavuz V., Deniz A.
TUJJB Bilimsel Kongresi, İzmir, Turkey, 30 May - 02 June 2018, pp.221-224
- V. **Temporal Analysis of Fog Incident at Airports in Turkey**
Akbayır İ., Yavuz V., Deniz A.
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- VI. **Fog Analysis at Adana City Airports**
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- VII. **Investigation of the Relationship Between Bolu and Kocaeli Dilovası Air Pollution Parameters by WRF-Chem Model**

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IAREC'17 (International Advanced Researches & Engineering Congress-2017), Osmaniye, Turkey, 16 - 18 November 2017, pp.1-5

VIII. Climatology of Lightning Events for Marmara Region Airports

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IX. Examination of Two Different Observations in terms of Lightning Incident at Marmara Region Airports

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X. Evaluation on Air Pollution in Karabük

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MENSEC'17 (International Mediterranean Natural Sciences and Engineering Congress", Podgorica, Montenegro, 19 - 22 October 2017, pp.151-156

XI. Investigation of Spatial Variation of Air Pollution in Dilovası-Turkey

Çiftci N., Akbayır İ., Yavuz V., Toros H.

MENSEC'17 (International Mediterranean Natural Sciences and Engineering Congress", Podgorica, Montenegro, 19 - 22 October 2017, pp.169-174

XII. Atatürk Uluslararası Havalimanı'nda Meydana Gelen Downburst Hadisesinin İncelenmesi

Yavuz V.

UZALMET'17 (3. Meteorolojik Uzaktan Algılama Sempozyumu), Antalya, Turkey, 16 - 19 October 2017, pp.16-19

XIII. Comparison of PM10 Data of Three Stations for Istanbul, Turkey

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ICETAS'16 (1st International Conference on Engineering Technology and Applied Sciences, Afyonkarahisar, Turkey, 21 - 22 April 2016, pp.1522-1528

XIV. Investigation of Wind Characteristics for Bergama in terms of Wind Energy

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XV. Karar Ağacı Modeli Kullanarak İstanbul Atatürk Havalimanı için Sis Tahmini

Yavuz V., Akbayır İ., Deniz A., Çiftci N.

ICETAS'16 (1st International Conference on Engineering Technology and Applied Sciences), Afyonkarahisar, Turkey, 21 - 22 April 2016, pp.1517-1521

XVI. Trabzon Havalimanı için Veri Madenciliği Yöntemleri Kullanılarak Sis Analizi ve Öngörü

Akbayır İ., Yavuz V., Deniz A., Çiftci N.

ICETAS'16 (1st International Conference on Engineering Technology and Applied Sciences), Afyonkarahisar, Turkey, 21 - 22 April 2016, pp.1512-1515

XVII. The Importance of Blocking Events in Air Pollution in Turkey

Yavuz V., Deniz A., Çiftci N., Akbayır İ.

ICETAS'16 (1st International Conference on Engineering Technology and Applied Sciences), Afyonkarahisar, Turkey, 21 - 22 April 2016, pp.1497-1501

XVIII. Deniz A., Çiftci N., Akbayır İ., Yavuz V.

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ICETAS'16 (1st International Conference on Engineering Technology and Applied Sciences), Afyonkarahisar, Turkey, 21 - 22 April 2016, pp.1509-1511

XX. İstanbul Yenibosna için Mevsimlik Kirlilik Analizi

Çiftci N., Akbayır İ., Yavuz V., Deniz A.

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- XXI. **Temporal and Spatial Analysis of Hail in Turkey**
Yavuz V., Deniz A.
MESAEP-18th International Symposium on Environmental Pollution and Its Impact on Life in the Mediterranean Region, Athens, Greece, 26 - 30 September 2015, pp.98
- XXII. **Computational Fluid Dynamics Approach to Wind Energy Calculation and Assessment of Wind Resource of Aegean Region in Turkey**
Yavuz V., Deniz A.
MESAEP-18th International Symposium on Environmental Pollution and Its Impact on Life in the Mediterranean Region, Athens, Greece, 26 - 30 September 2015, pp.261
- XXIII. **Temporal and Spatial Analysis of Tornado Cases in Turkey**
Yavuz V., Deniz A.
MESAEP-18th International Symposium on Environmental Pollution and Its Impact on Life in the Mediterranean Region, Athens, Greece, 26 - 30 September 2015, pp.97
- XXIV. **Comparison with Linear and Non-linear Models in Long-term Wind Energy Production**
Yavuz V., Deniz A.
MESAEP-18th International Symposium on Environmental Pollution and Its Impact on Life in the Mediterranean Region, Athens, Greece, 26 - 30 September 2015, pp.262
- XXV. **Investigation of Accident Incident In-Flight Reports for The European Region**
Yavuz V., Deniz A.
ATMOS'15 (7. Atmosfer Bilimleri Sempozyumu), İstanbul, Turkey, 28 - 30 April 2015, pp.434-441
- XXVI. **Investigation of CODA Reports**
Yavuz V., Deniz A.
ATMOS'15 (7. Atmosfer Bilimleri Sempozyumu), İstanbul, Turkey, 28 - 30 April 2015, pp.423-433
- XXVII. **15 Temmuz 2013 Tarihinde Ankara Esenboğa Havalimanı'nda Yaşanan Boran Olayının İncelenmesi**
Yavuz V., Deniz A.
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- XXVIII. **Temporal and Spatial Analysis of Tornado Cases in Turkey**
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- XXX. **Investigation of the Effect of Snowfall on the Flights in Turkey**
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OSTIV (Organisation Scientifique et Technique Internationale du Vol `a Voile) Congress, Meteorological Panel Meeting, Zürich, Switzerland, 6 - 07 February 2015, pp.20
- XXXI. **Analysis of the Wind Persistence in Southwest Anatolia in terms of Paragliding**
Yavuz V., Koçak K., Kahya C.
OSTIV (Organisation Scientifique et Technique Internationale du Vol `a Voile) Congress, Poznan, Poland, 30 July - 06 August 2014, pp.43

Citations

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