

## Lect. PhD MİNE TÜLİN ZATEROĞLU(TOKGÖZ)

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 116245

### Education Information

Doctorate, Cukurova University, Fen-Edebiyat Fakültesi/Fen Bilimleri Enstitüsü, Fizik, Turkey 2010 - 2015

Masters (Non-Thesis), Cukurova University, Mühendislik-Mimarlık Fakültesi/Fen Bilimleri Enstitüsü, Endüstri Mühendisliği/Mühendislik Ve Teknoloji Yönetimi, Turkey 2004 - 2007

Postgraduate, Cukurova University, Mühendislik-Mimarlık Fakültesi/Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği, Turkey 1999 - 2002

Undergraduate, Dumlupınar Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey 1994 - 1998

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, TÜRKİYE İÇİN GÜNEŞLENME SÜRESİ DEĞİŞİMİNİN İZLENMESİ, DEĞERLENDİRİLMESİ VE BAZI METEOROLOJİK VERİLERLE İLİŞKİSİNİN BELİRLENMESİ, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2015

Postgraduate, TEK MODLU OPTİK FİBERLERDE PALS YAYILMASI, Cukurova University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği, 2002

### Research Areas

Electrical and Electronics Engineering, Electronic, Electronic Circuits, Physics, General Physics, Statistical physics, thermodynamic and nonlinear dynamic systems, Natural Sciences, Engineering and Technology

### Academic Titles / Tasks

Lecturer PhD, Cukurova University, Adana Organize Sanayi Bölgesi Teknik Bilimler Meslek Yüksekokulu, Elektrik ve Enerji, 1999 - Continues

### Academic and Administrative Experience

Head of Department, Cukurova University, Adana Organize Sanayi Bölgesi Teknik Bilimler Meslek Yüksekokulu,  
Elektronik ve Otomasyon, 2020 - Continues

## Courses

TELECOMMUNICATION TECHNOLOGIES, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021  
OPERATIONAL AMPLIFIERS, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2016 - 2017  
OPERATIONAL AMPLIFIERS, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021  
ELECTRONICS II, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021  
WORKPLACE TRAINING, Associate Degree, 2022 - 2023, 2021 - 2022  
BASIC ELECTRONICS, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021  
ELECTRONICS I, Associate Degree, 2022 - 2023, 2021 - 2022  
DIRECT CURRENT CIRCUIT ANALYSIS, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021  
TELECOMMUNICATION TECHNIQUES, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021  
TELECOMMUNICATION TECHNIQUES, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021  
WORKPLACE TRAINING, Associate Degree, 2021 - 2022  
POWER ELECTRONICS, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021  
DIRECT CURRENT CIRCUIT ANALYSIS, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021  
INDUSTRY BASED TRAINING, Associate Degree, 2022 - 2023, 2021 - 2022  
POWER ELECTRONICS, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021  
TELECOMMUNICATION TECHNOLOGIES, Associate Degree, 2022 - 2023, 2021 - 2022  
WORKPLACE TRAINING, Associate Degree, 2020 - 2021  
WORKPLACE TRAINING, Associate Degree, 2020 - 2021  
INDUSTRY BASED TRAINING, Associate Degree, 2020 - 2021  
ELECTRONICS I, Associate Degree, 2020 - 2021

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **"Forecasting particulate matter concentrations by combining statistical models"**  
Zateroglu M. T.  
Journal of King Saud University - Science, vol.36, no.3, 2024 (SCI-Expanded)
- II. **MODELLING THE AIR QUALITY INDEX FOR BOLU, TURKEY**  
Zateroglu M. T.  
CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES, vol.17, no.1, pp.119-130, 2022 (SCI-Expanded)
- III. **THE ROLE OF CLIMATE FACTORS ON AIR POLLUTANTS (PM10 AND SO2)**  
Zateroglu M. T.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.30, no.11, pp.12029-12036, 2021 (SCI-Expanded)
- IV. **ASSESSMENT OF THE EFFECTS OF AIR POLLUTION PARAMETERS ON SUNSHINE DURATION IN SIX CITIES IN TURKEY**  
Zateroglu M. T.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.30, pp.2251-2269, 2021 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Comparative Analysis for Atmospheric Oscillations**  
Zateroğlu M. T.  
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.38, no.2, pp.317-331, 2023 (Peer-Reviewed Journal)

- II. **The Influence of Climatological Variables on Particulate Matter and Sulphur Dioxide**  
Zateroğlu M. T.  
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.38, no.1, pp.13-24, 2023 (Peer-Reviewed Journal)
- III. **Estimation of Cloudiness Data Based on Multiple Linear Regression Model**  
Zateroğlu M. T.  
Karadeniz Fen Bilimleri Dergisi, vol.13, no.1, pp.33-41, 2023 (Peer-Reviewed Journal)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **TÜRKİYE İÇİN GÜNEŞLENME SÜRESİNİN MEKANSAL ANALİZİ**  
ZATEROĞLU(TOKGÖZ) M. T., KANDIRMAZ H.  
ISAS2018-Winter, 2nd International Symposium on Innovative Approaches in Scientific Studies, Samsun, Turkey, 30 November - 02 December 2018, vol.3, pp.590-593
- II. **MALATYA İÇİN GÜNEŞLENME SÜRESİNDEKİ DEĞİŞİMLERİN İNCELENMESİ**  
ZATEROĞLU(TOKGÖZ) M. T., KANDIRMAZ H.  
5th INTERNATIONAL SYMPOSIUM ON MULTIDISCIPLINARY STUDIES, Ankara, Turkey, 16 - 17 November 2018, pp.397
- III. **SPECIFICATION OF THE MOST EFFECTIVE PARAMETERS THAT AFFECT SUNSHINE DURATION FOR ADANA**  
ZATEROĞLU(TOKGÖZ) M. T., KANDIRMAZ H., Kaba K.  
Turkish Physical Society, 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.183
- IV. **Estimation of Monthly Sunshine Duration by Using Satellite Data and Geographic Parameters over Turkey**  
ZATEROĞLU(TOKGÖZ) M. T., KANDIRMAZ H., Kaba K.  
UCTEA International Geographical Information Systems Congress 2017, Adana, Turkey, 15 - 18 November 2017, pp.175-182
- V. **DETERMINATION OF RELATION BETWEEN SOME AIR POLLUTANTS AND SUNSHINE DURATION**  
ZATEROĞLU(TOKGÖZ) M. T., KANDIRMAZ H.  
Turkish Physical Society, 33rd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.160
- VI. **Trend Analysis of Sunshine Duration for Some Cities**  
ZATEROĞLU(TOKGÖZ) M. T., Kaba K., KANDIRMAZ H.  
Turkish Physical Society, 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.113
- VII. **ESTIMATION OF DAILY SUNSHINE DURATION FROM SOLAR AND THERMAL CHANNEL OF SUOMI-NPP VIIRS SENSOR**  
ZATEROĞLU(TOKGÖZ) M. T., Kaba K., KANDIRMAZ H.  
Turkish Physical Society, 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.94
- VIII. **Ankara ili için Güneşlenme süresinin çoklu regresyon metodu kullanarak tahmini**  
ZATEROĞLU(TOKGÖZ) M. T., Kaba K., KANDIRMAZ H.  
Turkish Physical Society 31. International Physical Congress, Muğla, Turkey, 21 - 24 July 2014, pp.114
- IX. **Yapay Sinir Ağı kullanarak Güneşlenme süresinin Akdeniz bölgesi için belirlenmesi**  
Kaba K., ZATEROĞLU(TOKGÖZ) M. T., KANDIRMAZ H.  
Turkish Physical Society 31. International Physical Congress, Muğla, Turkey, 21 - 24 July 2014, pp.91
- X. **Modis Aerosol Ürününden PM10 miktarının Zonguldak için Tahmin edilmesi**  
Kaba K., ZATEROĞLU(TOKGÖZ) M. T., KANDIRMAZ H.  
Turkish Physical Society 30. International Physical Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.114
- XI. **The sunshine duration in relation to the cloudiness**  
ZATEROĞLU(TOKGÖZ) M. T., Kaba K., KANDIRMAZ H.  
Turkish Physical Society 30. International Physical Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.131

## **Metrics**

Publication: 18

Citation (WoS): 1

H-Index (WoS): 1

## **Non Academic Experience**

ERBİM ELEKTRİK A.Ş.