

## Res. Asst. PhD SAİME YEŞER ASLANOĞLU

### Personal Information

**Office Phone:** [+90 312 297 7800](tel:+903122977800)

**Fax Phone:** [+90 312 299 2053](tel:+903122992053)

**Email:** [yaslanoglu@hacettepe.edu.tr](mailto:yaslanoglu@hacettepe.edu.tr)

**Web:** <https://avesis.hacettepe.edu.tr/yaslanoglu>

**Address:** Hacettepe Üniversitesi Çevre Mühendisliği Bölümü Beytepe Kampüsü Çankaya ANKARA

### International Researcher IDs

ScholarID: [ojV58kcAAAAJ](https://orcid.org/0000-0002-3188-9549)

ORCID: 0000-0002-3188-9549

Publons / Web Of Science ResearcherID: G-6125-2013

ScopusID: 36179374200

Yoksis Researcher ID: 27752

### Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği, Turkey 2011 - 2019

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği, Turkey 2008 - 2011

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 2001 - 2005

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Spaceborne Remote Sensing Based Climatologies: SO<sub>2</sub>, NO<sub>2</sub>, Aerosol & Desert Dust, Hacettepe University, Fen Bilimleri Enstitüsü, 2019

Postgraduate, Türkiye'de Elektrik Üretimine Bağlı Karbondioksit Emisyonunun Bölgesel Olarak Belirlenmesi ve Uzun Dönem Tahmini, Hacettepe Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2011

### Research Areas

Sociology, Atmospheric Sciences and Meteorological Engineering, Atmospheric Physics, Cloud Physics, Climate, Climate Change and Climate Modeling, Environmental Engineering, Environmental Technology, Environmental Impact Assessment, Environmental Modeling, Environmental Policies, Environmental Management, Air Pollution and Control, Air Pollution Monitoring, Air Pollution Modeling, Effects of Air Pollution, Statistical Analysis and Applications, Sensors / Electrooptics Technologies, Engineering and Technology

### Academic Titles / Tasks

Research Assistant PhD, Hacettepe University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2009 - Continues

## Courses

Occupational Health and Safety II, Undergraduate, 2020 - 2021  
Numerical Analysis, Undergraduate, 2020 - 2021  
Occupational Health and Safety I, Undergraduate, 2020 - 2021

## Taught Courses And Trainings

Aslanoğlu S. Y., Yaz Stajı Dersleri, 2021 - 2021

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

- I. **Cost-benefit analysis of road-transport policy options to combat air pollution in Turkey**  
Kiziltan A., KIZILTAN M., Aksoy S., AYDINALP KÖKSAL M., Tekeli S. E., Duran N., ASLANOĞLU S. Y., ÖZTÜRK F., Ozyurek N., Dogan P., et al.  
ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY, 2022 (SCI-Expanded)
- II. **Dust Climatology of Turkey as a Part of the Eastern Mediterranean Basin via 9-Year CALIPSO-Derived Product**  
Aslanoğlu S. Y., Proestakis E., Gkikas A., Güllü G., Amiridis V.  
ATMOSPHERE, vol.13, no.5, pp.1-24, 2022 (SCI-Expanded)
- III. **Long term characterization of the vehicle stock in Turkey**  
AYDINALP KÖKSAL M., Tekeli S. E., Aksoy S., Kiziltan A., KIZILTAN M., Duran N., ASLANOĞLU S. Y., ÖZTÜRK F., Ozyurek N., Dogan P., et al.  
TRANSPORTATION RESEARCH PART D-TRANSPORT AND ENVIRONMENT, vol.99, 2021 (SCI-Expanded)
- IV. **Mortality and morbidity costs of road traffic-based air pollution in Turkey**  
Aksoy S., Kiziltan A., KIZILTAN M., AYDINALP KÖKSAL M., ÖZTÜRK F., Tekeli S. E., ASLANOĞLU S. Y., Im U., Duran N., Ünal A., et al.  
JOURNAL OF TRANSPORT & HEALTH, vol.22, 2021 (SSCI)

## Articles Published in Other Journals

- I. **Investigating ambient air quality of a shooting range during official national competitions**  
Aslanoğlu S. Y., Öztürk F., Güllü G.  
Environmental Research and Technology, vol.5, no.1, pp.11-23, 2022 (Peer-Reviewed Journal)
- II. **Elektrik Üretimine Bağlı Karbondioksit Emisyonunun Bölgesel Olarak Belirlenmesi ve Uzun Dönem Tahmini**  
Aslanoğlu S. Y., Aydınalp Köksal M.  
Hava Kirliliği Araştırmaları Dergisi , vol.1, no.1, pp.19-29, 2012 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **A 9-year three-dimensional desert dust transport evaluation over Anatolia with CALIPSO derived product**  
ASLANOĞLU S. Y., Emmanouil P., Antonis G., AYDINALP KÖKSAL M., GÜLLÜ G., Amiridis V.  
SPARC General Assembly 2018, Kyoto, Japan, 1 - 05 October 2018
- II. **Levels of PM2.5 Bound Metals at two Different Stations in Ankara (Turkey)**  
ASLANOĞLU S. Y., ÖZTÜRK F., SAYDAM A. C., GÜLLÜ G.  
International Symposium Ecology 2018, Kastamonu, Turkey, 19 - 23 June 2018

- III. **Desert Dust Transport and Rainfall Relation: Marmaris Case**  
ASLANOĞLU S. Y., ÖZTÜRK F., İlhan A. İ., Balta T., GÜLLÜ G.  
International Symposium Ecology 2018, Kastamonu, Turkey, 19 - 23 June 2018
- IV. **Investigating local contributions during a natural dust episode in Turkey**  
ASLANOĞLU S. Y., Oguz K., Dundar C., GÜLLÜ G.  
9th International Workshop on Sand/Duststorms and Associated Dustfall, Tenerife, Spain, 22 - 24 May 2018
- V. **Classification of Aerosol Properties in Eastern Mediterranean Basin via In-Situ Radiometric Measurements**  
ASLANOĞLU S. Y., GÜLLÜ G.  
71st Geological Congress of Turkey, Geology and Health, Ankara, Turkey, 23 - 27 April 2018
- VI. **Ankara'da Kentsel ve Yarı-Kentsel İki İstasyonda Toplanan PM2.5 Örneklerinin Karbonlu Aerosol Seviyelerinin Belirlenmesi**  
Faramarzi P., ASLANOĞLU S. Y., ÖZTÜRK F., SAYDAM A. C., GÜLLÜ G.  
ÇMO 12. Ulusal Çevre Mühendisliği Kongresi, Çevre Yönetimi, Ankara, Turkey, 5 - 07 October 2017
- VII. **Investigating Indoor Air Quality of a Shooting Range**  
ASLANOĞLU S. Y., ÖZTÜRK F., GÜLLÜ G.  
European Aerosol Conference (EAC, 2017), Zürich, Switzerland, 27 August - 01 September 2017
- VIII. **Determination of Carbonaceous Aerosol Levels at two Different Stations in the Capital of Turkey Ankara**  
Faramarzi P., ASLANOĞLU S. Y., ÖZTÜRK F., SAYDAM A. C., GÜLLÜ G.  
European Aerosol Conference (EAC, 2017), Zürich, Switzerland, 27 August - 01 September 2017
- IX. **Assessment of Indoor and Outdoor Particulate Matter Concentrations for Households in Ankara (Turkey)**  
ASLANOĞLU S. Y., Karakaş B., GÜLLÜ G.  
6th Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2017) SECOTOX Conference, Thessaloniki, Greece, 25 - 30 June 2017
- X. **Estimation of Secondary Organic Carbon Formation at two Different Stations During Winter and Summer in Ankara (Turkey)**  
Faramarzi P., ASLANOĞLU S. Y., ÖZTÜRK F., SAYDAM A. C., GÜLLÜ G.  
6th Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2017) SECOTOX Conference, Thessaloniki, Greece, 25 - 30 June 2017
- XI. **Atış Poligonunda İç Ortam Hava Kalitesi İncelemesi**  
ASLANOĞLU S. Y., ÖZTÜRK F., GÜLLÜ G.  
13. Ulusal Tesisat Mühendisliği Kongresi, İzmir, Turkey, 19 - 22 April 2017
- XII. **Investigating Indoor Air Quality at Shooting Range**  
ASLANOĞLU S. Y., ÖZTÜRK F., GÜLLÜ G.  
Proceedings of the 2nd World Congress on Civil, Structural, and Environmental Engineering (CSEE'17), 3 - 04 April 2017
- XIII. **Investigation of indoor air quality at shooting range**  
ASLANOĞLU S. Y., Ozturk F., GÜLLÜ G.  
Proceedings of the 2nd World Congress on Civil, Structural, and Environmental Engineering, CSEE 2017, Barcelona, Spain, 2 - 04 April 2017
- XIV. **Uzaktan Algılama Teknikleri ile Çevresel Değerlendirme**  
Aslanoğlu S. Y., Güllü G.  
Türk Dünyası'nda İlmî Araştırmalar Sempozyumu, Jalal-Abad, Kyrgyzstan, 29 - 31 May 2016, pp.18-25
- XV. **SO2 emission monitoring with remote sensing for Turkey**  
ASLANOĞLU S. Y., GÜLLÜ G.  
Proceedings of the World Congress on Civil, Structural, and Environmental Engineering, CSEE 2016, Prague, Czech Republic, 30 - 31 March 2016
- XVI. **Atmospheric Pollution Monitoring with Remote Sensing**  
ASLANOĞLU S. Y., GÜLLÜ G.

High Air Pollution in the East Mediterranean: Open Issues on Emissions, Mitigation and Health Effects, 14 - 16 September 2015

**XVII. DETERMINING AND FORECASTING REGIONAL CARBON DIOXIDE EMISSIONS OF TURKEY**

ASLANOĞLU S. Y., AYDINALP KÖKSAL M.

ASME 5th International Conference on Energy Sustainability, Washington, Kiribati, 7 - 10 August 2011, pp.881-889

**XVIII. Forecasting Turkey's Short Term Hourly Load with Artificial Neural Networks**

Bilgic M., Girep C. P., ASLANOĞLU S. Y., AYDINALP KÖKSAL M.

2010 IEEE PES Transmission and Distribution Conference and Exposition - Smart Solutions for a Changing World, Louisiana, United States Of America, 19 - 22 April 2010

## Supported Projects

GENÇ TOKGÖZ D. D., ÖZTÜRK F., TUNCEL G., ASLAN KILAVUZ S., DOĞAN G., DEMİRARSLAN K. O., ASLANOĞLU S. Y., Project Supported by Higher Education Institutions, Doğu Karadeniz Bölgesindeki Atmosferik Parçacıkların Kimyasal Karakterinin Kirletici Kaynaklarının ve Kaynak Bölgelerinin Belirlenmesi (121Y417 Nolu Tübitak Projesi Ek Bütçe Desteği), 2022 - Continues

GÜLLÜ G., ASLANOĞLU S. Y., TUBITAK Project, Türkiye'nin Güney Bölgelerinde Toz Taşınım Yollarının ve Doğal Toz Katkısının Belirlenmesi, 2020 - 2023

Güllü G., Aydınalp Köksal M., Yereli A. B., Ünal A., Öztürk F., Kızıltan M., Aslanoğlu S. Y., Project Supported by Other Official Institutions, Karayolu Taşıtlarının Kirleticilik Tespit Projesi, 2018 - 2019

AYDINALP KÖKSAL M., PROESTAKİS E., SOLOMOS S., GÜLLÜ G., AMİRİDİS V., ASLANOĞLU S. Y., GKİKAS A., Project Supported by Higher Education Institutions, Aktif ve Pasif Uzaktan Algılama ile Türkiye'nin Toz Klimatolojisinin Belirlenmesi, 2016 - 2018

GÜLLÜ G., ÖZTÜRK F., Faramarzi P., ASLANOĞLU S. Y., SAYDAM A. C., Project Supported by Higher Education Institutions, Ankara'da Kentsel ve Yarı-Kentsel İki İstasyonda Toplanan PM Örneklerinin Kimyasal Kompozisyonunun Belirlenmesi, 2016 - 2017

ASLANOĞLU S. Y., Project Supported by Higher Education Institutions, Türkiye için Uzaktan Algılama ile SO2 Emisyonunun İzlemesi, 2016 - 2016

Aslanoğlu S. Y., H2020 Project, Determination of Aerosol Vertical Profile with Remote Sensing, DAVS-RS, 2016 - 2016

AYDINALP KÖKSAL M., ASLANOĞLU S. Y., Project Supported by Higher Education Institutions, Uzaktan Algılama ile Türkiye'nin SO2 Emisyon Envanterinin Oluşturulması, 2015 - 2016

ASLANOĞLU S. Y., Project Supported by Higher Education Institutions, Uzaktan Algılama ile Atmosferik Kirlilik Görüntüleme, 2015 - 2015

Aslanoğlu S. Y., Akbulut A., Güllü G., Aydınalp Köksal M., Project Supported by Higher Education Institutions, 10. Ulusal Çevre Mühendisliği Kongresi, 2013 - 2013

Aslanoğlu S. Y., Aydınalp Köksal M., Project Supported by Higher Education Institutions, Türkiye'de Bölgesel Elektrik Talebinin ve Buna Bağlı CO2 Emisyonunun Modellenmesi, 2008 - 2010

## Memberships / Tasks in Scientific Organizations

TMMOB Çevre Mühendisleri Odası, Executive Board Member, 2021 - Continues, Turkey

## Tasks In Event Organizations

Aslanoğlu S. Y., 10. Ulusal Çevre Mühendisliği Kongresi, Scientific Congress, Ankara, Turkey, Eylül 2013

## Mobility Activity

Research Scholarship Program, Guest Researcher, National Observatory of Athens, Greece, 2017 - 2017  
Other, Scientific Research, National Observatory of Athens, Greece, 2015 - 2015

## **Metrics**

Publication: 24  
Citation (WoS): 8  
Citation (Scopus): 19  
H-Index (WoS): 2  
H-Index (Scopus): 3

## **Congress and Symposium Activities**

International Workshop on Sand and Dust Storms (SDS), Invited Speaker, İstanbul, Turkey, 2018  
2nd International Urban, Environment & Health Congress, Invited Speaker, Nevşehir, Turkey, 2018  
Bodrum Yarımadası ve Rüzgar Enerji Santralleri Paneli, Panelists, Muğla, Turkey, 2015  
Determining Regional Carbon Dioxide Emissions Based on Electricity Generation, Invited Speaker, Nawabshah, Pakistan, 2015  
TMMOB Maden Mühendisleri Odası Türkiye 19. Kömür Kongresi, Invited Speaker, Zonguldak, Turkey, 2014

## **Scholarships**

Türkiye'nin Toz Klimatolojisinin Belirlenmesi, TÜBİTAK, 2017 - 2017