

## Asst. Prof. ALİ CAN

### Personal Information

**Office Phone:** [+90 370 418 7050](tel:+903704187050)

**Email:** [alican@karabuk.edu.tr](mailto:alican@karabuk.edu.tr)

**Web:** <https://avesis.karabuk.edu.tr/alican>

**Address:** KBÜ - Mühendislik Fakültesi Bahklar Kayası Mevkii, 100 Yıl 78000 Karabük

### Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Mühendislik Bilimleri (Tezli), Turkey 1998 - 2006

Post Graduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği Bölümü (Tezli), Turkey 1994 - 1996

Under Graduate, Middle East Technical University, Faculty Of Engineering, Department Of Environmental Engineering, Turkey 1988 - 1992

### Dissertations

Doctorate, Investigation of Turkey's carbon dioxide problem by numerical modeling, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Mühendislik Bilimleri (YI) (Tezli), 2006

Post Graduate, Time series analysis of temperature data in Turkey, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği Bölümü, 1996

### Research Areas

Environmental Engineering

### Academic Titles / Tasks

Assistant Professor, Karabük Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2013 - Continues

### Professional Experience

Assistant Director of the Institute, Karabük Üniversitesi, Fen Bilimleri Enstitüsü, 2015 - 2018

### Courses

Makine Projesi I, Under Graduate, 2016 - 2017, 2017 - 2018

Fluid Mechanics I, Under Graduate, 2016 - 2017, 2017 - 2018

Çevre Mühendisliğine Giriş, Under Graduate, 2017 - 2018

Fluid Mechanics, Under Graduate, 2016 - 2017, 2017 - 2018

İklim Değişikliği ve Çevresel Etkileri, Under Graduate, 2016 - 2017, 2017 - 2018

Hava Kirliliği ve Kontrol Teknolojisi, Under Graduate, 2017 - 2018  
Isı Transferi, Under Graduate, 2016 - 2017, 2017 - 2018  
Hava Kirliliği ve Kontrolü, Under Graduate, 2016 - 2017  
Graduation Thesis, Under Graduate, 2016 - 2017  
Bitirme Tezi, Under Graduate, 2016 - 2017  
Hava Kirliliği ve Kontrol Teknolojisi, Post Graduate, 2016 - 2017  
Linear Algebra, Under Graduate, 2016 - 2017  
Fluid Mechanics II, Under Graduate, 2016 - 2017  
Makine Projesi II, Under Graduate, 2016 - 2017  
Machine Project I, Under Graduate, 2016 - 2017  
Machine Project II, Under Graduate, 2016 - 2017  
Hava Kirliliği Ölçüm Teknikleri, Under Graduate, 2016 - 2017

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

- I. **Performance assessment of a novel design concentrated photovoltaic system coupled with self-cleaning and cooling processes**  
ACAR B., Gürel A. E. , ERGÜN A., CEYLAN İ., Ağbulut Ü., CAN A.  
Environmental Progress and Sustainable Energy, vol.39, 2020 (Journal Indexed in SCI Expanded)
- II. **The statistical modeling of potential biogas production capacity from solid waste disposal sites in Turkey**  
CAN A.  
JOURNAL OF CLEANER PRODUCTION, vol.243, 2020 (Journal Indexed in SCI)

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

- I. **The Air Pollutant (PM, SO<sub>2</sub>, NO, NO<sub>2</sub>, NO<sub>x</sub>, O<sub>3</sub> and CO) concentrations dispersion measures by statistical evaluations**  
CAN A.  
International Conference on Engineering and Natural Science (ICENS 2019), PRAG, Czech Republic, 12 - 16 June 2019, vol.1, pp.435-441
- II. **Scatter plot matrix of measured air pollutants in Karabük province**  
CAN A.  
14th International Combustion Symposium (INCOS 2018), Karabük, Turkey, 25 - 27 April 2018, vol.1, pp.716-721
- III. **Scatter Plot Matrix Analysis of Air Pollutants in Ankara Province**  
CAN A.  
1. Uluslararası Malatya Uygulamalı Bilimler Kongresi, Malatya, Turkey, 20 - 22 December 2019, vol.2, pp.42-48
- IV. **Climate Change effect of Solid Waste Disposal sites in Ankara Province**  
CAN A.  
1. Uluslararası Malatya Uygulamalı Bilimler Kongresi, Malatya, Turkey, 20 - 22 December 2019, vol.2, pp.49-55
- V. **The Air Pollutant Emission Factor Development for Automobile Fuels**  
CAN A., FİLİZ A.  
International Conference on Engineering and Natural Science (ICENS 2019), Prag, Czech Republic, 12 - 16 June 2019, vol.1, pp.428-434
- VI. **Heat Transfer on an Insulated Plane Wall and Its Effect on Climate Change**  
CAN A., ARSLAN K.  
International Conference on Engineering and Natural Science (ICENS 2019), PRAG, Czech Republic, 12 - 16 June 2019, vol.1, pp.452-456
- VII. **Europe energy consumption and its effect on Climate Change**

- CAN A.  
14th International Combustion Symposium (INCOS 2018), Karabük, Turkey, 25 - 27 April 2018, vol.1, pp.722-727
- VIII. **Turkey Energy Consumption and its effect on Climate Change**  
CAN A.  
First International Conference on Energy Systems Engineering (ICESE 17, Karabük, Turkey, 2 - 05 November 2017, vol.1, pp.552-555
- IX. **Earth Energy Consumption and its effect on Climate Change**  
CAN A.  
First International Conference on Energy Systems Engineering (ICESE 17), Karabük, Turkey, 2 - 05 November 2017, vol.1, pp.546-551
- X. **The Road Transportation Effectson Climate Change for Ankara Province of Turkey**  
CAN A.  
18th International Symposium on Thermal Science and Engineering of Serbia under title Energy, Efficiency and Ecology (SISTERM 2017), sokobanja, Serbia And Montenegro, 17 - 21 October 2017, vol.1, pp.955-960
- XI. **Households' Fuel Consumption Effects on Climate Change Problem in Turkey**  
CAN A.  
International Conference on Engineering and Natural Science (ICENS 2017), Budapest, Hungary, 3 - 07 May 2017, vol.1, pp.1159-1165
- XII. **CH4 Emissions from Solid Waste in Karabük Province**  
CAN A.  
International Conference on Engineering and Natural Science (ICENS 2017), Budapest, Hungary, 3 - 07 May 2017, vol.1, pp.1146-1151
- XIII. **Climate Change Effect by Road Transportation in Karabük Province**  
CAN A.  
3rd International Iron and Steel Symposium (UDCS 17), Karabük, Turkey, 3 - 05 April 2017, vol.1, pp.683-686
- XIV. **Time Series Analysis of Air Pollutants for Karabuk Province**  
CAN A.  
International Conference on Applied Mathematics, Computational Science and Systems Engineering (AMCSE), Rome, Italy, 5 - 07 November 2016, vol.9
- XV. **Uncertainty Analysis of Direct GHGs Emissions from Turkey s Provinces for 2000 2015**  
CAN A.  
International Conference on Engineering and Natural Science (ICENS 2016), Sarajevo, Bosnia And Herzegovina, 24 - 28 May 2016, vol.1, pp.1802-1806
- XVI. **Analyses of SO2 Index and SO2 Extreme Value Index for Karabük Province**  
CAN A.  
International Conference on Engineering and Natural Science (ICENS 2016), Sarajevo, Bosnia And Herzegovina, 24 - 28 May 2016, vol.1, pp.1798-1801
- XVII. **Animal Manure Effect on Climate Change and Usage as a Energy Sources in Turkey**  
CAN A.  
ICENS 2015 - INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCE, Üsküp, Macedonia, 15 - 19 May 2015, vol.1, pp.94-99
- XVIII. **Natural Gas Consumption and Its Effect on Air Emissions in Turkey**  
CAN A., EKMEKÇİ H.  
ICENS 2015, Üsküp, Macedonia, 15 - 19 May 2015, vol.1, pp.26-31

## Supported Projects

CAN A., FİLİZ A., Project Supported by Higher Education Institutions, Karayolu kaynaklı Hava Kirliliği Dağılımı Modellemesi, 2017 - 2020

CAN A., Project Supported by Higher Education Institutions, Households' Fuel Consumption Effects on Climate Change

Problem in Turkey, 2017 - 2017

## Citations

Total Citations (WOS):1

h-index (WOS):1