# Prof. MERİH AYDINALP KÖKSAL

## Personal Information

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**International Researcher IDs**

ScholarID: eAtWw0cAAAAJ

ORCID: 0000-0003-4201-6898

Publons / Web Of Science ResearcherID: G-8538-2011

ScopusID: 23097066300

Yoksis Researcher ID: 36745

## Education Information

Doctorate, Dalhousie University, Faculty of Graduate Studies, Mechanical Engineering, Canada 1997 - 2002

Postgraduate, Marmara University, Institute For Graduate Studies İn Pure And Applied Sciences, Department Of Mechanical Engineering (Eng), Turkey 1994 - 1997

Undergraduate, Marmara University, Faculty Of Engineering, Environmental Engineering, Turkey 1990 - 1994

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, A new approach for modeling of residential energy consumption, Dalhousie University, Faculty of Graduate Studies, Mechanical Engineering, 2002

Postgraduate, Significance of freeboard of fluidized bed combustors during the combustion of Turkish lignites, Marmara University, Institute For Graduate Studies İn Pure And Applied Sciences, Department Of Mechanical Engineering (Eng), 1997

## Research Areas

Environmental Engineering, Environmental Technology, Air Pollution and Control, Effects of Air Pollution, Energy, Conventional Energy Systems and Their Technology, Alternative Energy Resources, Engineering and Technology

## Academic Titles / Tasks

Professor, Hacettepe University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2023 - Continues

Associate Professor, Hacettepe University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2016 - 2023

Assistant Professor, Hacettepe University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2009 - 2016

Researcher, University of Waterloo, School of Environment, Enterprise and Development , 2013 - 2013

Visiting Lecturer, University of Guelph, Faculty of Engineering, Mechanical Engineering, 2012 - 2013

Lecturer, Hacettepe University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2006 - 2009

Visiting Lecturer, Saint Mary''s University, Faculty of Engineering , 2005 - 2006

Research Assistant, Dalhousie University, Faculty of Engineering, Mechanical Engineering, 1997 - 2002

Research Assistant, Yeditepe University, Faculty Of Engıneerıng-Archıtecture, 1996 - 1997

Research Assistant, Marmara University, Institute For Graduate Studies İn Pure And Applied Sciences, Department Of Mechanical Engineering (Eng), 1995 - 1996

## Academic and Administrative Experience

Deputy Head of Department, Hacettepe University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2018 - 2021

Deputy Head of Department, Hacettepe University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2012 - 2015

## Courses

**Doctorate**

ÇEV 535 Hava Kirliliği Kontrolü, Doctorate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2011 - 2012, 2010 - 2011

ÇEV 739 Kirleticilerin Taşınımı ve Davranışı, Doctorate, 2014 - 2015, 2013 - 2014

ÇEV 738 Çevre Mühendisliğinin Prensipleri, Doctorate, 2015 - 2016, 2014 - 2015, 2013 - 2014

**Postgraduate**

ENV 607 Energy and Environment, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

ENJ 633 Mühendislik Termodinamiği, Postgraduate, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2016 - 2017

ÇEV 608 Çevresel Modelleme, Postgraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

**Undergraduate**

CEV 204 Fluid Mechanics, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

CEV 209 Engineering Thermodynamics, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

CEV 302 Air Pollution and Control, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

CEV 305 Water Supply and Sewerage, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

GMÜ 319 Mühendislik Termodinamiği, Undergraduate, 2018 - 2019, 2014 - 2015, 2013 - 2014

CEV 201 Engineering Mechanics, Undergraduate, 2016 - 2017

ENGG3030 Energy Distribution, Undergraduate, 2012 - 2013

EGNE 2303 Engineering Thermodynamics, Undergraduate, 2005 - 2006

## Supervised Theses

Aydinalp Köksal M., Modelling the electricity and heat production sector in line with Türkiye's net zero emissions target, Doctorate, Ü.ÇALIKOĞLU(Student), 2023

Aydinalp Köksal M., Investigation of the Impact of Occupants' Behavior and Habits on Residential Electricity Consumption, Doctorate, N.DİLEK(Student), 2023

Aydinalp Köksal M., USE OF ARTIFICIAL INTELLIGENCE APPROACH FOR THE MODELLING OF ELECTRICITY-WATER-CLIMATE NEXUS, Doctorate, Ç.COŞKUN(Student), 2023

Aydinalp Köksal M., DETERMINATION OF VOLATILE ORGANIC COMPOUNDS EMISSIONS OF TURKISH IRON-STEELAND CEMENT INDUSTRIES, Postgraduate, C.SÖNMEZ(Student), 2023

Aydinalp Köksal M., ECONOMIC AND ENVIRONMENTAL ANALYSIS OF THE USAGE OF SOLAR, WIND AND HYDROELECTRIC ENERGY SYSTEMS IN WASTEWATER TREATMENT PLANTS IN TÜRKİYE, Postgraduate, İ.BİLİR(Student), 2023

Aydınalp Köksal M., ASSESSMENT OF GHG EMISSIONS FROM BIOFUEL PRODUCTION BY LIFE CYCLE APPROACH, Postgraduate, G.ERSOY(Student), 2023

Aydınalp Köksal M., Ara Aksoy S., Analysis of the Role of Transportation Sector during the Transition to a Low Carbon Economy, Postgraduate, Ş.ELÇİN(Student), 2020

Aydınalp Köksal M., Investigating the Economic and Environmental Effects of Ground and Water Source Heat Pumps, Postgraduate, C.ULUYÜCE(Student), 2019

Aydınalp Köksal M., Modeling and Optimization of Flows between Resource Intensive Sectors Using Industrial Symbiosis Methodology, Postgraduate, Z.GÖKÇE(Student), 2019

Aydınalp Köksal M., Investigation of economic and environmental impacts of the use of solar and biogas resources in urban wastewater treatment plants, Postgraduate, G.ODABAŞ(Student), 2019

Tuncel S. G., Aydınalp Köksal M., Forecasting carbon dioxide emissions of Turkey's international civil aviation through 2030, Postgraduate, D.KAYMAK(Student), 2019

Aydınalp Köksal M., Modelling residential end-use electricity consumption using statistical and artificial intelligence approaches and determining the effective saving measures, Postgraduate, E.ADA(Student), 2019

Aydinalp Köksal M., Analysis of Electricity Disclosure Demand at Turkish Energy Market, Postgraduate, Ü.ÇALIKOĞLU(Student), 2017

Aydinalp Köksal M., The Analysis of the Use of Renewable Energy Sources in Electricity Generation Based on Technological, Political and Environmental Constraints, Postgraduate, E.DAL(Student), 2017

AYDINALP KÖKSAL M., Investigating the use of water for electricity generation at Turkish power plants, Postgraduate, B.D.J.(Student), 2017

Tanrısever O. F., Aydınalp Köksal M., Natural gas diplomacy of Russia with the EU and Turkey: Political and security versus economic and environmental dimensions, Doctorate, K.TOSUN(Student), 2016

Aydinalp Köksal M., Investigation of the Approaches to Minimize the End-use Energy Consumption of a Detached Dwelling in Ankara and Its Technoeconomic Evaluation, Doctorate, G.NİHAL(Student), 2016

Şengül H., Aydinalp Köksal M., Life Cycle Assessment of Mining Phase of Lignite Used for Electricity Generation, Postgraduate, F.BAYRAK(Student), 2014

Aydinalp Köksal M., Determining Household Appliance Stand-by Electricity Consumption and Associated CO2 Emission, Postgraduate, M.ÇAĞRI(Student), 2012

Aydinalp Köksal M., Determining Regional Current Carbon Dioxide Emission Based on Electricity Production and Its Long-Term Forecast for Turkey, Postgraduate, S.YEŞER(Student), 2011

Güllü G., Aydınalp Köksal M., Estimation of Residential Energy Consumption Based CO2 Emission Amounts and Determination of the Factors Causing the Variation in Ankara, Postgraduate, M.KUŞ(Student), 2011

Aydinalp Köksal M., Supplying Long-term Electricity Demand of Beytepe Campus by Solar Electric Conversion Systems, Postgraduate, M.TÜRKAY(Student), 2010

AYDINALP KÖKSAL M., Investigating the CO2 emission of Turkish electricity sector and its mitigation potential, Postgraduate, İ.ARI(Student), 2010

Aydinalp Köksal M., Forecasting Turkey's Regional Long-term Electricity Demand and Associated CO2 Emission by Econometric and Neural Network Approaches, Postgraduate, L.TÜRKER(Student), 2008

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

I. **An integrated modeling approach to assess water-energy nexus in a semi-arid watershed**
ÖZCAN Z., AYDINALP KÖKSAL M., ALP E.
ENVIRONMENTAL MODELLING & SOFTWARE, 2025 (SCI-Expanded)

II. **A novel modeling approach on the water-electricity-climate nexus in the context of resource sustainability**
COŞKUN DİLCAN Ç., AYDINALP KÖKSAL M.

CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, vol.26, pp.3761-3776, 2024 (SCI-Expanded)

III. **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, vol.25, no.10, pp.10765-10798, 2023 (SCI-Expanded)

IV. **A pathway to achieve the net zero emissions target for the public electricity and heat production sector: A case study for Türkiye**
Calikoglu U., AYDINALP KÖKSAL M.
Energy Policy, vol.179, 2023 (SCI-Expanded)

V. **Green electricity and Renewable Energy Guarantees of Origin demand analysis for Türkiye**
Calikoglu U., AYDINALP KÖKSAL M.
Energy Policy, vol.170, 2022 (SCI-Expanded)

VI. **Assessing drivers of residential energy consumption in Turkey: 2000-2018**
Duzgun B., Koksal M. A., BAYINDIR R.
ENERGY FOR SUSTAINABLE DEVELOPMENT, vol.70, pp.371-386, 2022 (SCI-Expanded)

VII. **Environmental and techno-economic analysis of the integration of biogas and solar power systems into urban wastewater treatment plants**
Bas G. O., AYDINALP KÖKSAL M.
RENEWABLE ENERGY, vol.196, pp.579-597, 2022 (SCI-Expanded)

VIII. **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)

IX. **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)

X. **Economic evaluation of the methods used to reduce energy consumption of a single detached house**
GÜĞÜL G. N., AYDINALP KÖKSAL M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, no.1, pp.215-234, 2019 (SCI-Expanded)

XI. **Techno-economical analysis of building envelope and renewable energy technology retrofits to single family homes**
Gugul G. N., Koksal M., Ugursal V. I.
ENERGY FOR SUSTAINABLE DEVELOPMENT, vol.45, pp.159-170, 2018 (SCI-Expanded)

XII. **A cradle to gate life cycle assessment of Turkish lignite used for electricity generation with site-specific data**
ŞENGÜL H., BAYRAK F., Koksal M. A., ÜNVER B.
JOURNAL OF CLEANER PRODUCTION, vol.129, pp.478-490, 2016 (SCI-Expanded)

XIII. **Energy, cost, and emission end-use profiles of homes: An Ontario (Canada) case study**
Koksal M., Rowlands I. H., Parker P.
APPLIED ENERGY, vol.142, pp.303-316, 2015 (SCI-Expanded)

XIV. **Standby electricity consumption and saving potentials of Turkish households**
SAHIN M., Koksal M. A.
APPLIED ENERGY, vol.114, pp.531-538, 2014 (SCI-Expanded)

XV. **Carbon dioxide emission from the Turkish electricity sector and its mitigation options**
Ari I., Koksal M. A.
ENERGY POLICY, vol.39, no.10, pp.6120-6135, 2011 (SCI-Expanded)

XVI. **Comparison of neural network, conditional demand analysis, and engineering approaches for modeling end-use energy consumption in the residential sector**
Aydinalp-Koksal M., Ugursal V. I.

APPLIED ENERGY, vol.85, no.4, pp.271-296, 2008 (SCI-Expanded)

XVII. **Modeling of the space and domestic hot-water heating energy-consumption in the residential sector using neural networks**
Aydinalp M., Ugursal V., Fung A.
APPLIED ENERGY, vol.79, no.2, pp.159-178, 2004 (SCI-Expanded)

XVIII. **Modelling of residential energy consumption at the national level**
Aydinalp M., Ugursal V., Fung A.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.27, no.4, pp.441-453, 2003 (SCI-Expanded)

XIX. **Modeling of the appliance, lighting, and space-cooling energy consumptions in the residential sector using neural networks**
Aydinalp M., Ugursal V., Fung A.
APPLIED ENERGY, vol.71, no.2, pp.87-110, 2002 (SCI-Expanded)

XX. **Impact of energy efficiency upgrade retrofits on the residential energy consumption in Canada**
Guler B., Fung A., Aydinalp M., Ugursal V.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.25, no.9, pp.785-792, 2001 (SCI-Expanded)

## Articles Published in Other Journals

I. **Türkiye'nin Uluslararası Sivil Hava Ulaşımından Kaynaklanan CO2 Salımının Tahmini**
Kaymak D., Aydınalp Köksal M.
Çevre, Şehir ve İklim Dergisi, vol.1, pp.158-172, 2022 (Peer-Reviewed Journal)

II. **Estimation of Large Household Appliances Stock in the Residential Sector and Forecasting of Stock Electricity Consumption: Ex-Post and Ex-Ante Analyses**
DÜZGÜN B., BAYINDIR R., KÖKSAL M. A.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.9, no.2, pp.182-199, 2021 (Peer-Reviewed Journal)

III. **Determining residential energy consumption-based CO2 emissions and examining the factors affecting the variation in Ankara, Turkey**
KUŞ M., AKAN A. P., AYDINALP KÖKSAL M., GÜLLÜ G.
E3S Web of Conferences, vol.22, 2017 (Peer-Reviewed Journal)

IV. **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)

V. **Impact of energy efficiency upgrade retrofits on the residential energy consumption and Greenhouse Gas emissions in Canada**
Guler B., Ugursal V. I., Fung A. S., Aydinalp-Koksal M.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL TECHNOLOGY AND MANAGEMENT, vol.9, no.4, pp.434-444, 2008 (ESCI)

VI. **Effects of socioeconomic factors on household appliance, lighting, and space cooling electricity consumption**
Aydinalp M., Ugursal V. I., Fung A. S.
International Journal of Global Energy Issues, vol.20, no.3, pp.302-315, 2003 (Scopus)

## Papers Published in Refereed Scientific Meetings

I. **Forecasting Wind Power Plant Electricity Generation at the Marmara Basin Based on Climate Change Projections**
Hayta B. N., AYDINALP KÖKSAL M.

International Conference on Renewable Energies and Smart Technologies (REST), Prishtina, Serbia, 27 - 28 June 2024

II. **Prediction of Hydroelectricity Power Plants' Water Consumption in the Context of Water-Energy Nexus Based on Artificial Intelligence Approach**
Coşkun Dilcan Ç., Aydınalp Köksal M.
4th Regional Conference on Diffuse Pollution & Eutrophication, İstanbul, Turkey, 24 - 28 October 2022, pp.1-4

III. **Examining the Turkish Residential Refrigeration Electricity Use by Stock Modelling and Decomposition Analysis, 2010-2020**
Düzgün B., AYDINALP KÖKSAL M., BAYINDIR R.
11th International Conference on Energy Efficiency in Domestic Appliances and Lighting (EEDAL), Toulouse, France, 01 June 2022

IV. **INVESTIGATION OF THE IMPACT OF OCCUPANTS BEHAVIOUR ON RESIDENTIAL ELECTRICITY CONSUMPTION**
Türeli Sürel N. D., Aydınalp Köksal M.
BEHAVE 2020-2021 – the 6th European Conference on Behaviour Change for Energy Efficiency, Kobenhavn, Denmark, 21 April 2021

V. **Evaluation of the Water-Energy-Food Nexus with the Focus on Climate Change in a Semi-arid Watershed, Turkey**
ALP E., AYDINALP KÖKSAL M., BAŞKAN O., KENTEL ERDOĞAN E.
WEFTEC 20, New Orleans, United States Of America, 05 October 2020

VI. **Least Cost Optimization in Middle Sakarya River Basin with the focus on Water-Energy Nexus**
ÖZCAN Z., AYDINALP KÖKSAL M., ALP E.
AGU 2019 Fall Meeting, San Francisco, California, United States Of America, 13 December 2019

VII. **Modelling Residential End-Use Electricity Consumption Using Statistical and Artificial Intelligence Approaches**
Ada E., Aydınalp Köksal M.
10th International Conference on Energy Efficiency in Domestic Appliances and Lighting (EEDAL '19), Jinan, China, 6 November - 08 December 2019, pp.25-35

VIII. **Air Pollution Detection of Road Vehicles**
Tekeli Ş. E., Duran N., Golovko A., KIZILTAN M., Oğul D., Yılmaz A. G., Çetintürk Gürtepe İ., Köksal C. E., ARA AKSOY S., YERELİ A. B., et al.
18th World Clean Air Congress, İstanbul, Turkey, 23 September 2019

IX. **End-Use Electricity Consumption Profiles of Turkish Homes**
Akgül G., AYDINALP KÖKSAL M., Düzgün B., Kabakçı O. K.
5th European Conference on Behaviour and Energy Efficiency, Zürich, Switzerland, 5 - 07 September 2018

X. **Evaluation of Water-Energy Nexus in Sakarya River Basin, Turkey**
ÖZCAN Z., AYDINALP KÖKSAL M., ALP E.
Second WaterEnergyNEXUS Conference, Salerno, Italy, 14 November - 17 January 2018

XI. **Some Insights to the Lighting Electricity Consumption of Turkish Households**
GÜĞÜL G. N., AYDINALP KÖKSAL M.
9th International Conference on Energy Efficiency in Domestic Appliances and Lighting, 13 - 15 September 2017

XII. **ALTERNATİF TEKNOLOJİLER VEYENİLENEBİLİR ENERJİ KAYNAKLARININMÜSTAKİL BİR KONUTTA KULLANIMININTEKNO-EKONOMİK ANALİZİ**
GÜĞÜL G. N., AYDINALP KÖKSAL M.
TESKON 2017 / BİNALARDA ENERJİ PERFORMANSI SEMPOZYUMU, Turkey, 19 - 22 April 2017

XIII. **Investigating the water consumption for electricity generation at Turkish power plants**
El-Khozondar B., Koksal M.
International Conference on Advances in Energy Systems and Environmental Engineering (ASEE), Wroclaw, Poland, 2 - 05 July 2017, vol.22

XIV. **Modeling the Use of Renewable Energy Sources for Electricity Generation Based on Technological, Political, and Environmental Constraints**

Dal E., Koksal M.

9th International Conference on Applied Energy (ICAE), Cardiff, United Kingdom, 21 - 24 August 2017, vol.142, pp.3129-3134

XV. **Comparing the Environmental Externalities Included Total Cost and CO2 Emissions of Electricity Generation in Turkey Based On Different Shares of Solar Energy**

Dal E., AYDINALP KÖKSAL M.

SOLAR TR2016, 6 - 08 December 2016

XVI. **Modeling The Use Of Alternative Energy Sources And Technologies To Reduce Energy Consumption Of A Single Detached House At Ankara Turkey**

Güğül G. N., AYDINALP KÖKSAL M.

3rd Asia Conference of International Building Performance Simulation - ASim2016, 27 - 29 November 2016

XVII. **Düşük Ekonomik Ve Çevresel Maliyetli Elektrik Üretim Seçeneklerinin Modellenmesi ve Analizi**

Gordhan V., AYDINALP KÖKSAL M.

6. Ulusal Hava Kirliliği ve Kontrolü Sempozyumu, Turkey, 7 - 09 October 2015

XVIII. **Investigating the Environmental Impacts of Lignite Used for Electricity Generation at Mining, Coal Preparation and, Transportation Stages**

Bayrak F., Şengül H., Aydınalp Köksal M.

64th Canadian Chemical Engineering Conference, Saint Catharines-Niagara, Canada, 19 - 22 October 2014, pp.1-4

XIX. **Effects of Appliance Standby Electricity Consumption on Turkish Residential Electricity Sector**

Şahin M. Ç., Güğül G. N., Aydınalp Köksal M.

7th International Conference on Energy Efficiency in Domestic Appliances and Lighting (EEDAL 13), Coimbra, Portugal, 11 - 13 September 2013, pp.1-4

XX. **Determining Appliance Standby Electricity Consumption for Turkish Households**

Şahin M. Ç., Güğül G. N., Aydınalp Köksal M.

2012 ACEEE Summer Study on Energy Efficiency in Buildings, California, United States Of America, 12 - 17 August 2012, pp.1-4

XXI. **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

XXII. **A Case Study: Gate to Gate Life Cycle Analyses of a Combined Cycle Power Plant Located at an Industrial Park in Turkey**

Yöntem E., Salihçavuşoğlu G., Korkusuz A., Aydınalp Köksal M., Yöntem Z.

The Second International Conference on Air Pollution and Control (CAPAC-II), Antalya, Turkey, 19 - 23 September 2011, pp.1-4

XXIII. **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

AYDINALP KÖKSAL M., TEKELİ Ş. E., ARA AKSOY S., Project Supported by Higher Education Institutions, Ulaşım Sektörünün Düşük Karbon Ekonomiye Geçişteki Rolünün Analizi, 2019 - 2020

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

Alp E., Aydınalp Köksal M., Kentel E., Demir Y., Başkan O., TUBITAK Project, Su, Enerji ve Gıda İlişkisinin Sakarya Havzasında Değerlendirilmesi, 2017 - 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

AYDINALP KÖKSAL M., El-Khozondar B., Project Supported by Higher Education Institutions, Elektrik Üretiminde Su Tüketimi ve CO2 Salımı İlişkisi, 2017 - 2017

AYDINALP KÖKSAL M., Güğül G. N., Project Supported by Higher Education Institutions, Müstakil Konutlarda Enerji Tüketiminin Azaltılması İçin Alternatif Enerji Kaynaklarının Ve Teknolojilerinin Kullanımının Modellenmesi, 2016 - 2017

AYDINALP KÖKSAL M., Dal E., Project Supported by Higher Education Institutions, Türkiyede Elektrik Üretiminde Yerli ve Yenilenebilir Enerji Kaynaklarının Kullanımının Teknolojik Ekonomik Politik ve Çevresel Kısıtlamalar ile Analizi, 2016 - 2017

AYDINALP KÖKSAL M., Project Supported by Higher Education Institutions, Net-Sıfır Enerji Binalar, 2016 - 2016

AYDINALP KÖKSAL M., Güğül G. N., Project Supported by Higher Education Institutions, Ankarada Müstakil Bir Konutun Nihai Enerji Tüketimini En Aza İndirebilmenin Yollarının Araştırılması Ve TeknoEkonomik Değerlendirilmesi, 2015 - 2016

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

AYDINALP KÖKSAL M., Project Supported by Higher Education Institutions, DÜŞÜK EKONOMİK VE ÇEVRESEL MALİYETLİ ELEKTRİK ÜRETİM SEÇENEKLERİNİN MODELLENMESİ VE ANALİZİ, 2015 - 2015

AYDINALP KÖKSAL M., Project Supported by Higher Education Institutions, Konutlardaki Elektrikli Cihazların Bekleme Konumunda Elektrik Tüketiminin Ve Buna Bağlı CO2 Emisyonunun Belirlenmesi, 2015 - 2015

AYDINALP KÖKSAL M., Project Supported by Higher Education Institutions, Düşük Ekonomik ve Çevresel Maliyetli Elektrik Üretim Seçeneklerinin Modellenmesi ve Analizi, 2014 - 2015

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

AYDINALP KÖKSAL M., ERGÜN Ş., TUBITAK Project, Türkiye Elektrik Üretim Dağıtım İletim ve Satışının Kompleks Uyarlamalı Sistem Analizi Yöntemi ile Benzeşiminin Yapılması, 2008 - 2010

AYDINALP KÖKSAL M., TUBITAK Project, Yük Dağıtım Bölgelerinde Saatlik Kısa ve Uzun Dönem Elektrik İhtiyacının Modellenmesi, 2008 - 2010

## Metrics

Publication: 59
Citation (WoS): 683
Citation (Scopus): 797
H-Index (WoS): 10
H-Index (Scopus): 10

## Non Academic Experience

ITRON, Inc., Kıdemli Analist
Company, ITRON, Inc. Boston, MA, USA, Energy Forecasting Department, Senior Energy Analyst
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