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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: IAO-6479-2023

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Education Information

Doctorate, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, Turkey
2021 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, Turkey
2020 - 2021

Undergraduate, Bursa Uludağ University, Faculty Of Engineering, Turkey 2007 - 2012

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering,
2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of Artificial Intelligent-Based Methodology to Prepare Input for Estimating Vehicle Emissions**
YAVUZ E., Öztürk A., BALKANLI N. G. N., ENGİN Ş. N., Kuzu S. L.
Applied Sciences (Switzerland), vol.14, no.23, 2024 (SCI-Expanded)
- II. **Investigation of the Near Future Solar Energy Changes Using a Regional Climate Model over Istanbul, Türkiye**
DURAN Y., YAVUZ E., ÖZKAYA B., Yalçın Y., Variş Ç., Kuzu S. L.
Energies, vol.17, no.11, 2024 (SCI-Expanded)
- III. **Comparison of RegCM dust schemes by monitoring an aeolian dust transport episode**
KUZU S. L., YAVUZ E.
AIR QUALITY ATMOSPHERE AND HEALTH, vol.14, no.12, pp.2047-2057, 2021 (SCI-Expanded)
- IV. **Investigating the Combined Use of Enrichment Factor and Weather Research and Forecasting (WRF) Modelling for Precipitation Sample Source Identification: A Case Study in North Carolina, USA**
YAVUZ E., KUZU S. L., KANAT G., Vardar N.
ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.81, no.1, pp.182-188, 2021 (SCI-

Expanded)

V. **Black carbon and size-segregated elemental carbon, organic carbon compositions in a megacity: a case study for Istanbul**

Kuzu S. L., Yavuz E., Akyüz E., Saral A., Akkoyunlu B. O., Özdemir H., Demir G., Ünal A.

AIR QUALITY ATMOSPHERE AND HEALTH, vol.13, no.7, pp.827-837, 2020 (SCI-Expanded)

Articles Published in Other Journals

I. **Investigation of Aerosol Direct Radiative Forcing During a Dust Storm Using a Regional Climate Model over Turkey**

Yavuz E., Kuzu S. L., Uğurdoğan S., Saral A.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.41, no.1, pp.1-8, 2023 (ESCI)

II. **Investigation of aerosol direct radiative forcing during a dust storm using a regional climate model over Turkiye**

YAVUZ E., Kuzu L., Uğurdoğan S., SARAL A.

Sigma Journal of Engineering and Natural Sciences, vol.41, no.1, pp.35-41, 2023 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. **Güneş Radyasyonunun Simüle Edilmesinde Bölgesel İklim Modelinin (RegCM) Hassasiyetinin Değerlendirilmesi**

Duran Y., Kuzu S. L., Yavuz E.

KARADENİZ 14TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Batumi, Georgia, 13 - 15 October 2023, pp.239-252

II. **Investigation of vertical particulate matter distribution using low-cost sensors in Istanbul**

YAVUZ E., KUZU S. L., SARAL A.

29th International Conference on "Agriculture, Biological and Environmental Sciences", Barcelona, Spain, 13 October 2021, vol.1, pp.39-43

III. **Simulation of a Dust Transportation Event in Istanbul through a Regional Climate Model**

Uğurdoğan S., KUZU S. L., YAVUZ E., SARAL A.

5th International Symposium on Environment and Morals (ISEM2020), 24 - 25 September 2020

IV. **Sulphur dioxide emission dispersion modelling from a coal fired power plant in Çanakkale, Turkey**

YAVUZ E., KUZU S. L., SARAL A.

5th Eurasia Waste Management Symposium, 26 - 28 October 2020

V. **Black Carbon Evaluation in an Urban Side of Istanbul Atmosphere during Spring and Summer Seasons**

Kuzu S. L., Yavuz E., Akyüz E., Saral A., Akkoyunlu B. O., Özdemir H.

18th World Clean Air Congress, İstanbul, Turkey, 23 - 27 September 2019, vol.1, no.1, pp.483-491

Supported Projects

KUZU S. L., YAVUZ E., SARAL A., Project Supported by Higher Education Institutions, İHA ve mobil sensörler kullanılarak dikey PM25 ve PM10 dağılımının araştırılması, 2021 - 2022

Metrics

Publication: 12

Citation (WoS): 8

Citation (Scopus): 13

H-Index (WoS): 1

H-Index (Scopus): 2