

## Res. Asst. SEDAT GÜLÇİMEN

### Personal Information

**Email:** sedat.gulcimen@agu.edu.tr

**Web:** <https://avesis.agu.edu.tr/sedat.gulcimen>

### International Researcher IDs

ORCID: 0000-0002-8967-3484

Yoksis Researcher ID: 301174

### Education Information

Doctorate, Abdullah Gul University, Mühendislik Fakültesi, Malzeme Bilimi ve Makine Mühendisliği, Turkey 2022 - Continues

Postgraduate, Abdullah Gul University, Fen Bilimleri Enstitüsü, Sustainable Urban Infrastructure Engineering, Turkey 2018 - 2021

Undergraduate, Abdullah Gul University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 2013 - 2018

### Foreign Languages

English, C1 Advanced

### Research Areas

Civil Engineering, Transportation Engineering, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Abdullah Gul University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2019 - Continues

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

- I. **Wind farm site selection using GIS-based multicriteria analysis with Life cycle assessment integration**  
Demir A., Dinçer A. E., Çiftçi C., Gülçimen S., Uzal N., Yılmaz K.  
Earth Science Informatics, vol.17, no.2, pp.1591-1608, 2024 (SCI-Expanded)
- II. **Comparative life cycle assessment of retort pouch and aluminum can for ready-to-eat bean packaging**  
GÜLÇİMEN S., Ozcan O., Çevik S. B., KAHRAMAN K., UZAL N.  
Journal of Material Cycles and Waste Management, vol.25, no.6, pp.3723-3733, 2023 (SCI-Expanded)
- III. **Robust Multicriteria Sustainability Assessment in Urban Transportation**  
Gulcimen S., Kizilkaya Aydoğan E., Uzal N.  
Journal of Urban Planning and Development, vol.149, no.2, 2023 (SCI-Expanded)
- IV. **A holistic sustainability assessment of a university campus using life cycle approach**

Gulcimen S., Qadri S., Donmez R. O., Uzal N.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.20, no.3, pp.3309-3322, 2023 (SCI-Expanded)

V. **Life cycle assessment of lightweight concrete containing recycled plastics and fly ash**

ERŞAN Y. Ç., GÜLÇİMEN S., İmis T. N., Saygin O., UZAL N.

EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING, vol.26, no.7, pp.2722-2735, 2022 (SCI-Expanded)

VI. **Life cycle sustainability assessment of a light rail transit system: Integration of environmental, economic, and social impacts**

GÜLÇİMEN S., KIZILKAYA AYDOĞAN E., UZAL N.

INTEGRATED ENVIRONMENTAL ASSESSMENT AND MANAGEMENT, vol.17, no.5, pp.1070-1082, 2021 (SCI-Expanded)

## Articles Published in Other Journals

I. **The Importance of Ecolabels in Sustainable Production and Consumption: Turkish Environmental Labelling System**

Birpınar M. E., Yetiş Ü., Ecer M., Kesimal Y., Albayrak Ö., Selimoğlu F., Atay S., Aki Z., Ulutaş Ö., Doğru H., et al. Çevre, Şehir ve İklim Dergisi, no.3, pp.60-81, 2023 (Peer-Reviewed Journal)

II. **Comparative Life Cycle Assessment of the Environmental Impacts of Precast Concrete and Brick Walls**

Gülçimen S., Uzal N.

Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.38, no.3, pp.426-433, 2022 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

I. **Water consumption, Ecotoxicity and Global Warming Potential Assessment of Sugar Beet Production Using Different Irrigation Sources**

Canitez M., Gülçimen S., Karaçetin Bell E., Uzal N.

9th International Conference on Sustainable Solid Waste Management, Korinthos, Greece, 15 - 18 June 2022, pp.1-2

II. **A Comparative Life Cycle Assessment of Single-Family House and Multi-Storey Apartment Building in Turkey**

Gülçimen S., Uzal N., Varışlı T., Khidrah M. G.

8th International Conference on Sustainable Solid Waste Management, Thessaloniki, Greece, 23 - 26 June 2021, pp.1-2

## Supported Projects

Yetiş Ü., Dilek F. B., Uzal N., Uzal B., Project Supported by Other Official Institutions, Türkiye Çevre Etiket Sisteminin (TÇES) Geliştirilmesi, 2021 - 2023

## Metrics

Publication: 10

Citation (WoS): 21

Citation (Scopus): 20

H-Index (WoS): 2

H-Index (Scopus): 2