

## Asst. Prof. FATMA ŐENER FİDAN

### Personal Information

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### International Researcher IDs

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### Foreign Languages

English, C2 Mastery

### Research Areas

Industrial Engineering

### Academic Titles / Tasks

Assistant Professor, Abdullah Gul University, Mühendislik Fakültesi, Endüstri Mühendisliđi, 2024 - Continues

### Courses

Quality Management, Undergraduate, 2021 - 2022

Principles of Finance, Undergraduate, 2021 - 2022

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

- I. **Sustainability assessment of denim fabric made of PET fiber and recycled fiber from postconsumer PET bottles using LCA and LCC approach with the EDAS method**  
Fidan F., KIZILKAYA AYDOĐAN E., Uzal N.  
Integrated Environmental Assessment and Management, vol.20, no.6, pp.2347-2365, 2024 (SCI-Expanded)
- II. **Investigating the carbon border adjustment mechanism transition process with linguistic summarization method: A situational analysis of exporting countries**  
Őener Fidan F., AYDOĐAN S., AKAY D.  
Advanced Engineering Informatics, vol.61, 2024 (SCI-Expanded)
- III. **The selection of washing machine programs with fuzzy dematel and moora-ratio multi-criteria decision-making methods considering environmental and cost criteria**  
Fidan F., KIZILKAYA AYDOĐAN E., Uzal N.  
Desalination and Water Treatment, vol.317, 2024 (SCI-Expanded)

- IV. **Comprehensive analysis of social subcategories throughout life cycle assessment approach for the textile industry**  
Fidan F., KIZILKAYA AYDOĞAN E., Uzal N.  
International Journal of Life Cycle Assessment, 2024 (SCI-Expanded)
- V. **The impact of organic cotton use and consumer habits in the sustainability of jean production using the LCA approach**  
ŞENER FİDAN F., KIZILKAYA AYDOĞAN E., UZAL N.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.30, pp.8853-8867, 2023 (SCI-Expanded)
- VI. **Multi-dimensional Sustainability Evaluation of Indigo Rope Dyeing with a life cycle approach and hesitant fuzzy analytic hierarchy process**  
Fidan F., KIZILKAYA AYDOĞAN E., UZAL N.  
Journal of Cleaner Production, vol.309, 2021 (SCI-Expanded)
- VII. **An integrated life cycle assessment approach for denim fabric production using recycled cotton fibers and combined heat and power plant**  
Fidan F., Aydogan E. K., Uzal N.  
JOURNAL OF CLEANER PRODUCTION, vol.287, 2021 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Life Cycle Assessment for Neutralization process in Textile Wastewater Treatment Plant**  
Şener Fidan F., Kızılkaya Aydoğan E., Uzal N.  
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.36, no.3, pp.504-510, 2020 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **THE LIFE CYCLE ASSESSMENT FOR THE ENVIRONMENTAL AND ECONOMIC IMPACT OF WASHING MACHINE PROGRAMS AND SELECTION BEST PROGRAM WITH MOORA**  
Şener Fidan F., Kızılkaya Aydoğan E., Uzal N.  
2nd International Conference on Environment, Technology and Management (ICETEM), Niğde, Turkey, 13 - 15 October 2022, pp.213-219
- II. **A Comparative Life Cycle Assessment of Conventional and Organic Cotton in Denim Fabric**  
Şener Fidan F., Kızılkaya Aydoğan E., Uzal N.  
8th International Conference on Sustainable Solid Waste Management, Thessaloniki, Greece, 23 - 26 June 2021, pp.1-2

### Metrics

Publication: 23  
Citation (WoS): 11  
Citation (Scopus): 15  
H-Index (WoS): 2  
H-Index (Scopus): 2