

## Assoc. Prof. SERAP AŐIK

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-4542-2019

ScopusID: 15137509700

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### Foreign Languages

English, C1 Advanced

### Research Areas

Social Sciences and Humanities

### Academic Titles / Tasks

Associate Professor, Middle East Technical University, Faculty of Economic and Administrative Sciences, Department of Economics, 1984 - Continues

### Advising Theses

AŐık S., Akbostancı Özkazanç E., Residential energy efficiency: Turkish case, Postgraduate, A.KARTAL(Student), 2019

AŐIK S., Consumer willingness to pay for organic chicken and milk in Kuşadası, Turkey, Postgraduate,

R.MERYEM(Student), 2014

AŐIK S., AKBOSTANCI ÖZKAZANÇ E., Energy indicators for sustainable development: comparison of Turkey and selected european union countries, Postgraduate, M.Merve(Student), 2011

AŐIK S., Efficiency analysis of turkish natural gas distribution companies by using dea method, Postgraduate,

M.Ertürk(Student), 2009

AŐIK S., Value-added tax in European taxation system and harmonization of vat during the integration process of Turkey, Postgraduate, F.Sezgin(Student), 2007

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

- Virtual water flows of Turkey's agricultural products: A gravity approach**  
AKBOSTANCI ÖZKAZANÇ E., TUNÇ G. İ., AŐIK S.  
Journal of Cleaner Production, vol.420, 2023 (SCI-Expanded)

- II. **Ecological unequal exchange between Turkey and the European Union: An assessment from value added perspective**  
TUNÇ G. İ., AKBOSTANCI ÖZKAZANÇ E., AŞIK S.  
Ecological Economics, vol.192, 2022 (SCI-Expanded)
- III. **Drivers of fuel based carbon dioxide emissions: The case of Turkey**  
Akboştancı Özkazanç E., Tunç G. İ., Aşık S.  
Renewable and Sustainable Energy Reviews, vol.81, pp.2599-2608, 2018 (SCI-Expanded)
- IV. **CO2 emissions of Turkish manufacturing industry: A decomposition analysis**  
AKBOSTANCI ÖZKAZANÇ E., TUNÇ G. İ., Turut-Asik S.  
APPLIED ENERGY, vol.88, no.6, pp.2273-2278, 2011 (SCI-Expanded)
- V. **Efficiency analysis of Turkish natural gas distribution companies by using data envelopment analysis method**  
Erturk M., Turut-Asik S.  
ENERGY POLICY, vol.39, no.3, pp.1426-1438, 2011 (SCI-Expanded)
- VI. **A decomposition analysis of CO2 emissions from energy use: Turkish case**  
TUNÇ G. İ., Turut-Asik S., AKBOSTANCI ÖZKAZANÇ E.  
ENERGY POLICY, vol.37, no.11, pp.4689-4699, 2009 (SCI-Expanded)
- VII. **The relationship between income and environment in Turkey: Is there an environmental Kuznets curve?**  
Akboştancı Özkazanç E., Turut-Asik S., Tunç G. İ.  
ENERGY POLICY, vol.37, no.3, pp.861-867, 2009 (SCI-Expanded)
- VIII. **Environmental impact of customs union agreement with EU on Turkey's trade in manufacturing industry**  
AKBOSTANCI ÖZKAZANÇ E., TUNÇ G. İ., Turut-Asik S.  
APPLIED ECONOMICS, vol.40, no.17, pp.2295-2304, 2008 (SSCI)
- IX. **Pollution haven hypothesis and the role of dirty industries in Turkey's exports**  
Akboştancı E., Tunc G. İ., Turut-Asik S.  
ENVIRONMENT AND DEVELOPMENT ECONOMICS, vol.12, pp.297-322, 2007 (SSCI)
- X. **CO2 emissions vs. CO2 responsibility: An input-output approach for the Turkish economy**  
Tunc G. I., Turut-Asik S., Akboştancı E.  
ENERGY POLICY, vol.35, no.2, pp.855-868, 2007 (SCI-Expanded)
- XI. **Gender differences in academic performance in a large public university in Turkey**  
Dayioglu M., Tueruet-Asik S.  
HIGHER EDUCATION, vol.53, no.2, pp.255-277, 2007 (SSCI)

## Articles Published in Other Journals

- I. **Residential Energy Efficiency: Turkish Case**  
Korucan A., Aşık S., Akboştancı E.  
Ekonomik Yaklaşım, vol.32, pp.381-414, 2021 (Peer-Reviewed Journal)
- II. **Türkiye İmalat Sanayiinde Enerji Kullanımı ve Kirlilik**  
AŞIK S., TUNÇ G. İ., AKBOSTANCI ÖZKAZANÇ E.  
İktisat İşletme ve Finans, vol.23, pp.5-16, 2008 (Peer-Reviewed Journal)
- III. **İmalat Sanayi ve Kirlilik Bir Kirli Endüstri Sığınağı Olarak Türkiye**  
AKBOSTANCI ÖZKAZANÇ E., TUNÇ G. İ., AŞIK S.  
Ankara Üniversitesi SBF Dergisi, vol.60, pp.3-28, 2005 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **CO2 Content of Value added in Trade: Turkish Case**  
Aşık S., Tunç G. İ., Akbostancı Özkazanç E.  
12th Conference of the European society for Ecological Economics (ESEE 2017): Ecological Economics in Action: Building a Reflective and Inclusive Community, Budapest, Hungary, 20 - 23 June 2017
- II. **Dış Ticarete Katma Değerin Karbon Dioksit İçeriği**  
Tunç G. İ., Aşık S., Akbostancı Özkazanç E.  
EconAnadolu 2017 Anadolu International Conference in Economics, Eskişehir, Turkey, 11 - 13 May 2017
- III. **A Gravity Model of Virtual Water Flows The Case of Turkey**  
Akbostancı Özkazanç E., Tunç G. İ., Aşık S.  
EY International Congress on Economics II, Ankara, Turkey, 5 - 06 November 2015
- IV. **Water Embedded in Turkey s Agricultural Trade Flows**  
Akbostancı Özkazanç E., Tunç G. İ., Aşık S.  
European Association of Evolutionary Political Economy, 27th Annual Conference, Genoa, Italy, 17 - 19 September 2015
- V. **Water Embedded in Turkey's Agriculture Trade Flows**  
Akbostancı Özkazanç E., Tunç G. İ., Aşık S.  
EconAnadolu 2015 Anadolu International Conference in Economics , Eskişehir, Turkey, 10 - 12 June 2015
- VI. **Türkiye İçin Yakıt Kaynaklı CO2 Emisyonunun Ayrıştırılması**  
Akbostancı Özkazanç E., Tunç G. İ., Aşık S.  
EconHarran'14 Ulusal Ekonomi Kongresi, Şanlıurfa, Turkey, 23 - 24 October 2014
- VII. **Decomposition of Fuel Based CO2 Emissions for Turkey**  
Akbostancı Özkazanç E., Tunç G. İ., Aşık S.  
EconWorld 2014@Prague International Conference on Economics, , Praha, Czech Republic, 3 - 05 September 2014
- VIII. **Neoliberal Industrialization and Environmental Policies in Turkey: Post 1980's**  
Aşık S., Tunç G. İ., Akbostancı Özkazanç E.  
25th Annual European Association for Evolutionary Political Economy (EAEPE) Conference: Beyond (de)industrialization: The Future of Industries?, Paris, France, 7 - 09 November 2013
- IX. **Pollution and International Trade: Evaluation of the Turkish Case Through Input-Output Analysis**  
Aşık S., Akbostancı Özkazanç E., Tunç G. İ.  
EY International Congress on Economics I, Ankara, Turkey, 24 - 25 October 2013
- X. **Convergence of Environmental Variables: The Case of EU**  
Akbostancı Özkazanç E., Tunç G. İ., Aşık S.  
EconAnadolu 2013 Anadolu International Conference in Economics, Eskişehir, Turkey, 19 - 21 June 2013
- XI. **Do Environmental Policies Induce Emission Convergence in Europe?**  
Akbostancı Özkazanç E., Tunç G. İ., Aşık S.  
24th Annual Conference of the European Association for Evolutionary Political Economy: Economic Policy in Times of Crisis, Krakow, Poland, 18 - 21 November 2012
- XII. **Mass Tourism and Water Consumption: Case of Turkey**  
Tunç G. İ., Aşık S., Akbostancı Özkazanç E.  
International Society for Ecological Economics Conference, 2012 - Ecological Economics and Rio+20, Rio De Janeiro, Brazil, 16 - 19 June 2012
- XIII. **Turizmin İzleri**  
Akbostancı Özkazanç E., Tunç G. İ., Aşık S.  
12. Ulusal Sosyal Bilimler Kongresi, Ankara, Turkey, 14 - 16 December 2011
- XIV. **Sustainable Tourism and Ecological Footprint Accounting: The Case of Turkey**  
Tunç G. İ., Akbostancı Özkazanç E., Aşık S.  
International Society for Ecological Economics Conference, Bremen, Germany, 22 - 25 August 2010
- XV. **Role of Environment in Bilateral Trade Flows: A Gravity Model for Turkey**  
Akbostancı Özkazanç E., Aşık S., Tunç G. İ.  
Society for the Study of Emerging Markets Euro Conference , Muğla, Turkey, 16 - 18 July 2010
- XVI. **Türkiye'nin Enerji Kullanımı Üzerine Bir Değerlendirme**

- Aşık S., Tunç G. İ., Akbostancı Özkazanç E.  
11. Ulusal Sosyal Bilimler Kongresi, Ankara, Turkey, 9 - 11 December 2009
- XVII. **An Environmental Analysis of Turkish Foreign Trade by Using Pollution Terms of Trade Index**  
Tunç G. İ., Aşık S., Akbostancı Özkazanç E.  
European Association of Evolutionary Political Economy "Institutional Solutions for Economic Recovery,  
Amsterdam, Netherlands, 6 - 08 November 2009
- XVIII. **Türkiye'nin Enerji Talebini Belirleyen Etkenler**  
Akbostancı Özkazanç E., Tunç G. İ., Aşık S.  
Türkiye 11. Enerji Kongresi, İzmir, Turkey, 21 - 23 October 2009
- XIX. **Investigating Final Energy Linkages for a Sustainable Economy: An Input-Output Analysis for Turkey**  
Tunç G. İ., Akbostancı Özkazanç E., Aşık S.  
8th International Conference of the European Society for Ecological Economics, Ljubljana, Slovenia, 29 June - 02  
July 2009
- XX. **Bilateral Trade and Environment: A Gravity Model for Turkey**  
Akbostancı Özkazanç E., Tunç G. İ., Aşık S.  
EconAnadolu 2009 Anadolu International Conference in Economics , Eskişehir, Turkey, 17 - 19 June 2009
- XXI. **Is Energy Consumption of Turkish Economy Sustainable? A Decomposition Analysis of CO2 Emissions**  
Tunç G. İ., Aşık S., Akbostancı Özkazanç E.  
European Association of Evolutionary Political Economy "Labour, Institutions and Growth in a Global Knowledge  
Economy, Rome, Italy, 6 - 08 November 2008
- XXII. **CO2 Emissions, Energy Use and Sustainability in Turkish Economy**  
Tunç G. İ., Aşık S., Akbostancı Özkazanç E.  
The 10th Biennial International Society for Ecological Economics Conference, Nairobi, Kenya, 7 - 11 August 2008
- XXIII. **CO2 Emissions of Turkish Manufacturing Industry: A Decomposition Analysis**  
Akbostancı Özkazanç E., Aşık S., Tunç G. İ.  
15th World Congress of the International Economic Association, İstanbul, Turkey, 25 - 29 June 2008
- XXIV. **Effects of International Trade on Environment: An Input-Output Analysis**  
Tunç G. İ., Akbostancı Özkazanç E., Aşık S.  
16th International Input-Output Conference, İstanbul, Turkey, 2 - 06 July 2007
- XXV. **Decomposition Analysis for Energy Use in Turkish Manufacturing Industry with an Emphasis on Dirty Industries**  
Akbostancı Özkazanç E., Tunç G. İ., Aşık S.  
Cairo 10th International Conference on Energy and Environment, Cairo, Egypt, 11 - 15 March 2007
- XXVI. **Testing Environmental Kuznets Curve Hypothesis for the European Union**  
Akbostancı Özkazanç E., Tunç G. İ., Aşık S.  
The Ninth Biennial Conference of The International Society for Ecological Economics "Ecological Sustainability and  
Human Well-being, New Delhi, India, 15 - 18 December 2006
- XXVII. **Can We Reconcile the Concept of Sustainable Development with Gold Mining?**  
Aşık S., Tunç G. İ., Akbostancı Özkazanç E.  
The Ninth Biennial Conference of The International Society for Ecological Economics "Ecological Sustainability and  
Human Well-being, New Delhi, India, 15 - 18 December 2006
- XXVIII. **Türkiye İmalat Sanayiinde Enerji Kullanımı ve Kirlilik**  
Aşık S., Tunç G. İ., Akbostancı Özkazanç E.  
Türkiye 10. Enerji Kongresi, İstanbul, Turkey, 27 - 30 November 2006
- XXIX. **Türkiye Ekonomisinin Nihai Enerji Tüketimindeki Anahtar Sektörler: Bir Girdi-Çıktı Yaklaşımı**  
Tunç G. İ., Akbostancı Özkazanç E., Aşık S.  
Türkiye Ekonomi Kurumu Uluslararası Ekonomi Konferansı, Ankara, Turkey, 11 - 13 September 2006
- XXX. **The Relationship Between Income and Environment in Turkey: Is There an Environmental Kuznets Curve?**  
Akbostancı Özkazanç E., Tunç G. İ., Aşık S.

Türkiye Ekonomi Kurumu Uluslararası Ekonomi Konferansı, Ankara, Turkey, 11 - 13 September 2006

**XXXI. Türkiye Ekonomisi için Çevresel Kuznets Eğrisi**

Akbostancı Özkazanç E., Aşık S., Tunç G. İ.

9. Ulusal Sosyal Bilimler Kongresi, Ankara, Turkey, 7 - 09 December 2005

**XXXII. CO<sub>2</sub>, Production and International Trade: An Input-Output Approach for Turkey**

Tunç G. İ., Akbostancı Özkazanç E., Aşık S.

VII. Ulusal Ekonometri ve İstatistik Sempozyumu, İstanbul, Turkey, 26 - 27 May 2005

**XXXIII. İmalat Sanayi ve Kirlilik: Bir Kirli Endüstri Sığınağı Olarak Türkiye**

Akbostancı Özkazanç E., Tunç G. İ., Aşık S.

8. Ulusal Sosyal Bilimler Kongresi, Ankara, Turkey, 3 - 05 December 2003

**XXXIV. A Test of Pollution Haven Hypothesis: Case of Turkey**

Akbostancı Özkazanç E., Tunç G. İ., Aşık S.

ERC METU International Conference in Economics, Ankara, Turkey, 6 - 09 September 2003

## Supported Projects

TUNÇ G. İ., AŞIK S., AKBOSTANCI ÖZKAZANÇ E., Project Supported by Higher Education Institutions, Türkiye'nin Dış Ticarete Katma Değerinin Karbon Dioksit İçeriği, 2017 - 2021

AŞIK S., Project Supported by Higher Education Institutions, Çevresel Faktörlerde Yakınsama : Türkiye Ab Uygulaması, 2011 - 2011

Tunç G. İ., Akbostancı Özkazanç E., Aşık S., Project Supported by Higher Education Institutions, Türkiye'nin Dış Ticaretini Etkileyen Çevresel Faktörlerin İki Taraflı Çekim Modeli Çerçevesinde Değerlendirilmesi, 2008 - 2008

Tunç G. İ., Akbostancı Özkazanç E., Aşık S., Project Supported by Higher Education Institutions, Kirlilik Önleme Harcamalarının imalat Sanayiindeki Önemi: Karşılaştırmalı Bir Analiz, 2005 - 2005

## Metrics

Publication: 49

Citation (WoS): 1123

Citation (Scopus): 1212

H-Index (WoS): 8

H-Index (Scopus): 8

## Non Academic Experience

METU