

# Dr. Shihomi ARA AKSOY

## CONTACT

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## EDUCATIONAL BACKGROUND

**Graduate/Ph.D.:** Environmental Economics, The Ohio State University, Columbus, Ohio, USA, 2007. **Title of the Ph.D. Dissertation:** “The Influence of Water Quality on the Demand for Residential Development around Lake Erie.” (Advisors: Elena Irwin, Timothy Haab)

### **Graduate/Masters’ Degree:**

1. Economics, Kobe University, 2002. **Title of the M.A. Thesis:** “Environmental Evaluation of Organic Rice: A Case Study in the Philippines” (Advisor: Mitoshi Yamaguchi)

2. Economics, The Ohio State University, 2003.

**Undergraduate:** International Economics, AoyamaGakuin University, Tokyo, Japan, 2000. (Advisor: Yujiro Hayami)

## ACADEMIC AREAS OF INTEREST

- Environmental Economics
- Natural Resource Economics
- Benefit-Cost Analysis
- Behavioral Economics

## PROFESSIONAL WORK EXPERIENCE

- Lecturer, Department of Economics, Hacettepe University, 4/2008 – 2/2013, 4/2014 – current
- Graduate Research Assistant, Department of Agricultural, Environmental and Development Economics, The Ohio State University, 2001– 2006

## ACADEMIC RESEARCH-PUBLICATIONS

### **Journal Articles (Refereed)**

Duygu KURAL, **Shihomi ARA AKSOY** (2020) “An Analysis of the Optimal Design of Feed-in Tariff Policy for Photovoltaic Investments in Turkey.” **Sosyoekonomi**, 28 / 46, 425-444. <https://doi.org/10.17233/sosyoekonomi.2020.04.20>

**Shihomi ARA** (2020) “On the benefit transfer of the value of a statistical life.” **Turkish Journal of Public Health**. 8(2) :113-128. doi:10.20518/tjph.464518

Selcen ÖZTÜRK, Dilek BAŞAR DİKMEN, **Shihomi ARA AKSOY** (2020) “Gender Differences in Smoking Behavior: Analyzing the Changes for 2008-2014 Period in Turkey.” **Sosyoekonomi** (Accepted for publication)

**Shihomi ARA**, Cem TEKEŞİN (2017) “The Monetary Valuation of Lifetime Health Improvement and Life Expectancy Gains in Turkey.” **International Journal of Environmental Research and Public Health**. 14(10), 1151 (SCI-Expanded, SSCI)

**Shihomi ARA**, Cem TEKEŞİN (2016) “The Monetary Valuation of Acute Respiratory Illness from Air Pollution in Turkey.” **Atmospheric Pollution Research**. 7(1) 82-91 (SCI)

Cem TEKEŞİN, **Shihomi ARA** (2014) “Measuring the Value of Mortality Risk Reductions in Turkey.” **International Journal of Environmental Research and Public Health**. 11(7):6890-6922. (SCI-Expanded, SSCI)

### Articles under Review

**Shihomi ARA AKSOY**, Merih Aydınalp Köksal, Şükran Elçin Tekeli, Ulaş İm, Yeşer Aslanoğlu, Fatma Öztürk, Ahmet Burçin Yereli, Alper Ünal, Anna Kızıltan, Mustafa Kızıltan, Nilhan Duran, Gülen Güllü (2020) “Mortality and Morbidity Costs of Road Traffic-based Air Pollution in Turkey” (Under Review: Journal of Transport and Health)

Merih Aydınalp Köksal, Şükran Elçin Tekeli, **Shihomi ARA AKSOY**, Anna Kızıltan, Mustafa Kızıltan, Yeşer Aslanoğlu, Fatma Öztürk, Ahmet Burçin Yereli, Nilhan Duran, Gülen Güllü (2020) “Long Term Characterization of the Vehicle Stock to Combat Air Pollution in Turkey” (Under Review: Transportation Research Part D)

Anna Kızıltan, Mustafa Kızıltan, Merih Aydınalp Köksal, Şükran Elçin Tekeli, **Shihomi ARA AKSOY**, Ahmet Burçin Yereli, Yeşer Aslanoğlu, Fatma Öztürk, Nilhan Duran, Gülen Güllü (2020) “Cost-Benefit Analysis of Road-Transport Policy Options to Combat Air Pollution in Turkey” (Under Review: Transportation Research Part D)

### Working Paper

Açelya Gizem Oktem, **Shihomi ARA AKSOY**, Selcen Öztürk  
“Investigating the Determinants of University Students Recycling Behavior”

Beyhan Dönmez, **Shihomi ARA AKSOY**, Ibrahim Özkan. “Behavioral Determinants of Consumers’ Credit Card Overspending”

### Conferences

Nilhan Duran, Anna Golovko, Mustafa Kızıltan, Deniz Oğlu, Ağça Cül Yılmaz, Irde Çetintürk Gürtepe, Canan Esin Köksal, **Shihomi ARA-AKSOY**, Ahmet Burçin Yerli, Merih Aydınalp Köksal, Gülen Güllü. “Air Pollution Detection in Road Vehicles.” 18th World Clean Air Congress, September 23-27, 2019

Dönmez Beyhan, **Shihomi ARA**. “The analysis of overspending behavior of consumers by credit cards with the behavioral economics approach.” 4th Turkish Workshop on Experimental and Behavioral Economics, Bogazici University, Department of Economics, Istanbul, Turkey, May 12, 2018

Duygu Kural, **Shihomi ARA AKSOY**. “Estimation of the Optimal Feed-in Tariff Policy for Photovoltaic Investments for Turkey.” Presented at Renewable Energy and Energy Efficiency Conference, Ankara, Turkey, Sep. 7-8, 2017

Cem Tekeşin, **Shihomi ARA AKSOY**. “Willingness to Pay for Renewable and Nuclear Energy Options in Turkey.” 10th International Conference on Sustainable Energy Technologies, Istanbul, Turkey, September 4-7, 2011

Onur Reşit Ünalı, **Shihomi ARA AKSOY**, Güllen Güllü. “Cost-Benefit Analysis of Gold Mining with Environmental Valuation Methods.” 22nd World Mine Congress, Istanbul, Turkey, September 11-16, 2009

**Shihomi ARA**, Elena Irwin, Timothy Haab. “The Influence of Water Quality on the Housing Price Around Lake Erie.” In Proceedings of American Agricultural Economics Association Annual Meeting, Long Beach, CA, July, 2006

**Shihomi ARA**, Elena Irwin, Timothy Haab. “Measuring the Effects of Lake Erie Water Quality in Spatial Hedonic Price Models.” In Proceedings of Environmental and Resource Economists, Third World Congress, Kyoto, Japan, July, 2006

**Shihomi ARA**. “Consumer Willingness to Pay for Multiple Attributes of Organic Rice: A Case Study in the Philippines.” In Proceedings of 25th International Conference of Agricultural Economists, Durban, South Africa, August, 2003

## **AWARD**

Türkiye Ekonomik Kurumu (Turkish Economic Foundation) Master’s Thesis Award – Duygu Kural (2018)

## **PROJECTS**

T.C. Ministry of Health, Multi-stakeholder Health Improvement Program (ÇPSSGP) Project on “Health Costs of Air Quality Working Group Six,” Consultant, 9/2017- present.

T.C. Ministry of Environment and Urbanization, “Pollution Detection Project of Road Vehicles,” Researcher, 6/2018- 12/2019.

WYG Turkey Development of E.U. Project Proposal for ‘Low Carbon Development,’ Consultant, 2/2017- 4/2017.

“Monetary Valuation of Health Damages from Air Pollution in Turkey” sponsored by TÜBİTAK (The Scientific and Technological Research Council of Turkey), 199,340 TL, Principle Investigator, 2/2009 - 2/2013.

## **COURSES TAUGHT**

- ECO 135 Introduction to Economics I (Undergraduate)
- ECO 136 Introduction to Economics II (Undergraduate)
- ECO 137 Mathematics for Economists I (Undergraduate)
- ECO 138 Mathematics for Economists II (Undergraduate)

- ECO 141 Introduction to Economics (Undergraduate-non-Econ majors)
- ECO 239 Statistics I (Undergraduate)
- ECO 240 Statistics II (Undergraduate)
- ECO 241 Mathematical Economics I (Undergraduate)
- ECO 336 Urban Economics (Undergraduate)
- ECO 344 Behavioral Economics (Undergraduate)
- ECO 448 Natural Resource and Environmental Economics (Undergraduate)
- ECO 661 Mathematical Foundations of Economics (M.A.)
- ECO 663 Experimental Economics (M.A.)

## **SUPERVISED THESES**

### **Master's Theses**

#### *a. Department of Economics*

Başak Dilara Çevik, “Behavioral Economic Analysis of Electric Vehicle Adoption in Turkey” (On-going)

Açelya Gizem Öktem, “Investigating the Determinants of Students’ Recycling Behavior” (On-Going, Co-advisor)

Duygu Kural, “The Role of Feed-in Tariff Policy for Photovoltaic Investments in Turkey: The Search of Optimal Duration and Model”

Cem Tekeşin, “Economic Analysis of Renewable Energy Sources in Turkey” (2011)

#### *b. Department of Environmental Engineering*

Ş. Elçin Tekeli, “Analysis of the Role of Transportation Sector During the Transition to Low Carbon Economy.” (Co-advisor, 2020)

Bengü Özge Şerifoğlu, “An Application of Cost-Benefit Analysis for the Evaluation of Wastewater Treatment Plants.” (Co-advisor, 2011)

Onur Raşit Ünalı, “Cost-Benefit Analysis of Gold Mining with Environmental Valuation Methods.” (Co-advisor, 2009)

### **Doctoral Dissertation**

Beyhan Dönmez, “Determinants of Consumer’s Overspending Decisions and Credit Card Using Behavior” (On-going, Co-advisor)

## **LANGUAGES**

- English
- Japanese
- Turkish

(Updated on December 24, 2020)