

## **Asst. Prof. ERHAN MUĞALOĞLU**

### **Personal Information**

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### **International Researcher IDs**

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Publons / Web Of Science ResearcherID: R-5020-2019

ScopusID: 57189874329

Yoksis Researcher ID: 227268

### **Education Information**

Doctorate, Erciyes University, İktisat Fakültesi, İktisat, Turkey 2009 - 2018

Postgraduate, Otto-von-Guericke-Universitaet Magdeburg, Faculty Of Economics, Economics and Finance, Germany 2005 - 2008

Undergraduate, Istanbul University, Faculty Of Economics, İngilizce İktisat Bölümü, Turkey 2001 - 2005

### **Foreign Languages**

English, C1 Advanced

German, B2 Upper Intermediate

### **Certificates, Courses and Trainings**

Finance, Modern Macro, Money and International Finance, CEPR Centre for Economic Policy Research, 2021

Finance, The Zero Lower Bound and Secular Stagnation, CEPR Centre for Economic Policy Research, 2021

Finance, Workshop on Distributed Ledger Technologies for Central Bankers, National Bank of Ukraine, 2020

Finance, Dynare (Dynamic Stochastic general equilibrium, dsge), EC Joint research center JRC, 2018

### **Dissertations**

Doctorate, the impact of hydrogen, solar, wind ,geothermal and biofuel on CO2 emissions: a dynamic stochastic ecological model approach , Erciyes University, Sosyal Bilimler Enstitüsü, --, 2018

Postgraduate, pricing and hedging of oil futures in a stochastic framework, Otto-von-Guericke-Universitaet Magdeburg, Fakultaet Wwl, Economics and Finance, 2008

### **Research Areas**

Economic Policy, Theory of Economy, Development Economics and Economic Growth, Econometrics, Financial Economics

## Academic Titles / Tasks

Assistant Professor, Erciyes University, İktisadi ve İdari Bilimler Fak., İktisat, 2022 - Continues

Research Assistant PhD, Abdullah Gul University, Yönetim Bilimleri Fakültesi, Ekonomi, 2018 - Continues

Research Assistant, Abdullah Gul University, Yönetim Bilimleri Fakültesi, Ekonomi, 2015 - Continues

## Courses

Financial Derivatives, Undergraduate, 2021 - 2022

Corporate finance in data science, Postgraduate, 2020 - 2021

Macroeconomics, Undergraduate, 2019 - 2020

Global Issues: Food and Health, Undergraduate, 2020 - 2021

Numerical methods for advanced finance, Postgraduate, 2019 - 2020

financial modelling, Undergraduate, 2017 - 2018

Principles of finance, Undergraduate, 2017 - 2018

financial markets and institutions, Undergraduate, 2017 - 2018

## Advising Theses

Muğaloğlu E., Yeşil ve Fosil Enerji Girdileri için Yönlendirilmiş Teknik Değişimin Geçerliliğinin AB Ülkelerinde Test Edilmesi, Doctorate, A.ALVER(Student), 2025

Muğaloğlu E., Turizm ve karbondioksit emisyonu arasındaki ilişki: Çevreyi en çok kirleten ülkeler üzerine ampirik bir uygulama, Postgraduate, G.DOĞANAY(Student), 2022

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

- I. **Dynamic regime differences in the market behavior of primary natural resources in response to geopolitical risk and economic policy uncertainty**  
MUĞALOĞLU E., KUŞKAYA S., Aldieri L., Alnour M., Hoque M. E., Magazzino C., BİLGİLİ F.  
Resources Policy, vol.87, 2023 (SSCI)
- II. **Whether and when did bitcoin sentiment matter for investors? Before and during the COVID-19 pandemic**  
Aysan A. F., MUĞALOĞLU E., Polat A. Y., Tekin H.  
Financial Innovation, vol.9, no.1, 2023 (SSCI)
- III. **The role of solar energy usage in environmental sustainability: Fresh evidence through time-frequency analyses**  
KUŞKAYA S., BİLGİLİ F., MUĞALOĞLU E., Khan K., Hoque M. E., TOĞUÇ N.  
Renewable Energy, vol.206, pp.858-871, 2023 (SCI-Expanded)
- IV. **The Age Structure, Stringency Policy, Income, and Spread of Coronavirus Disease 2019: Evidence From 209 Countries**  
BİLGİLİ F., DÜNDAR M., KUŞKAYA S., Lorente D. B., Unlu F., Gencoglu P., MUĞALOĞLU E.  
FRONTIERS IN PSYCHOLOGY, vol.11, 2021 (SSCI)
- V. **A revisited renewable consumption-growth nexus: A continuous wavelet approach through disaggregated data**  
Bilgili F., Kuşkaya S., Toguc N., Muğaloğlu E., Koçak E., Bulut U., Bağlıtaş H. H.  
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.107, pp.1-19, 2019 (SCI-Expanded)
- VI. **Most Up-to-Date Methodologic Approaches: Evidence from the Wavelet Coherence Approach**  
BİLGİLİ F., Mugaloglu E., KUŞKAYA S., BAĞLITAŞ H. H., Gencoglu P.  
ENVIRONMENTAL KUZNETS CURVE (EKC): A MANUAL, pp.115-139, 2019 (SCI-Expanded)
- VII. **The influence of biomass energy consumption on CO2 emissions: a wavelet coherence approach**

## Articles Published in Other Journals

- I. **Assessing the impact of Covid-19 pandemic in Turkey with a novel economic uncertainty index**  
MUĞALOĞLU E., POLAT A. Y., Tekin H., Kilic E.  
JOURNAL OF ECONOMIC STUDIES, vol.49, no.5, pp.821-832, 2022 (ESCI)
- II. **Küresel finansal kriz ve nakit tutma ayarlama hızı**  
TEKİN H., POLAT A. Y., MUĞALOĞLU E.  
Anemon Muş Alparslan Üniversitesi Sosyal Bilimler Dergisi, vol.9, no.4, pp.1099-1110, 2021 (Peer-Reviewed Journal)
- III. **Oil price shocks during the COVID-19 pandemic: Evidence from United Kingdom energy stocks**  
MUĞALOĞLU E., POLAT A. Y., TEKİN H., DOĞAN A.  
Energy RESEARCH LETTERS, vol.2, no.1, pp.1-5, 2021 (Scopus)
- IV. **Cash Management, Governance, and the Global Financial Crisis: Evidence From Developing Asia**  
TEKİN H., POLAT A. Y., AYSAN A. F., MUĞALOĞLU E.  
Asian Economics Letters, 2021 (Peer-Reviewed Journal)
- V. **G7 Countries Unemployment Rate Predictions Using Seasonal Arima-Garch Coupled Models**  
Muğaloğlu E., Kılıç E.  
Journal of Yasar University, vol.16, no.61, pp.228-247, 2021 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **The Impact of Oil Prices on CO2 Emissions in China: A Wavelet Coherence Approach**  
BİLGİLİ F., MUĞALOĞLU E., KOÇAK E.  
in: Econometrics of Green Energy Handbook, Muhammad ShahbazDaniel Balsalobre-Lorente, Editor, Springer, Cham, pp.31-57, 2020
- II. **Most Up-to-Date Methodologic Approaches: Evidence from the Wavelet Coherence Approach**  
Bilgili F., Muğaloğlu E., Kuşkaya S., Bağlıtaş H. H., Gençoğlu P.  
in: Environmental Kuznets Curve (EKC), Burcu Özcan, İlhan Öztürk, Editor, Academic Press , Amsterdam, pp.115-139, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **MERIT ORDER EFFECT OF RENEWABLE ENERGY SOURCES IN TURKISH ELECTRICITY MARKET**  
Kılıç E., MUĞALOĞLU E., KESKİN H., SELÇUKLU S. B.  
10. YILDIZ ULUSLARARASI SOSYAL BİLİMLER KONGRESİ, İstanbul, Turkey, 21 December 2023
- II. **What drives stock market index in the long and short-run: A structural model approach.**  
MUĞALOĞLU E., Turetmis A., Conağası N.  
3rd International Conference on Economics, Ankara, Turkey, 02 September 2021
- III. **Impact of COVID-19 pandemics on sovereign risk: Time-varying correlations of the CDS spreads in emerging economies.**  
MUĞALOĞLU E., Conağası N.  
7th International Conference on Economics of Turkish Economic Association (IceTea2021), Online, Turkey, 09 April 2021
- IV. **The Impact of Energy Price Shocks on the Turkish Stock Market**  
MUĞALOĞLU E.

4TH INTERNATIONAL CONGRESS ON ECONOMICS FINANCE AND ENERGY, Niğde, Turkey, 14 October 2020, pp.64

**V. Unemployment, Inflation and Electricity Prices in Turkey: A Structural Model Approach**

MUĞALOĞLU E., Kılıç E.

4TH INTERNATIONAL CONGRESS ON ECONOMICS FINANCE AND ENERGY, Niğde, Turkey, 14 October 2020, pp.65

**VI. G7 Countries Unemployment Rate Predictions Using Seasonal Arima-Garch Coupled Models**

Kılıç E., MUĞALOĞLU E.

EconTR2020@Eskisehir International Conference on Economics, Eskişehir, Turkey, 10 September 2020

**VII. THE IDENTIFICATION OF NEGATIVE EFFECTS OF CARBON EMISSIONS IN UTILITYFUNCTION**

MUĞALOĞLU E., BİLGİLİ F.

3rd INTERNATIONAL CONGRESS ON ENVIRONMENTAL RESEARCHES AND TECHNOLOGY, 8 - 12 November 2017

## **Supported Projects**

Selçuklu S. B., Öztürk C., Muğaloğlu E., Arslan S., Bilgili F., TUBITAK Project, Agent-Based Simulation Model with Artificial Intelligence-Assisted Learning, Forecasting, and Optimization Algorithms for Electricity Markets and Market Analysis, 2023 - 2025

Polat A. Y., Muğaloğlu E., Tekin H., TUBITAK Project, "Assessment of the economic impact of Covid-19 outbreak with sectoral and overall uncertainty indices, 2020 - 2020

## **Activities in Scientific Journals**

ERCIYES UNIVERSITY JOURNAL OF FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES, Editor, 2022 - Continues

## **Memberships / Tasks in Scientific Organizations**

The International Association for Energy Economics, Member, 2021 - Continues, United Kingdom

EABCN Euro Area Business Cycle Network, Member, 2019 - Continues, Germany

## **Scientific Refereeing**

ENERGY JOURNAL, Journal Indexed in SSCI, October 2022

ENERGY JOURNAL, Journal Indexed in SSCI, February 2022

FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SSCI, November 2021

ENERGY JOURNAL, Journal Indexed in SSCI, June 2021

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, April 2021

ENERGY JOURNAL, Journal Indexed in SSCI, March 2021

SINGAPORE ECONOMIC REVIEW, SCI Journal, February 2021

ENERGY JOURNAL, Journal Indexed in SSCI, January 2021

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, October 2020

ENERGY JOURNAL, SCI Journal, October 2020

ENERGY JOURNAL, SCI Journal, June 2020

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, April 2020

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, March 2020

ENERGY JOURNAL, SCI Journal, February 2020

environmental science and pollution research, SCI Journal, November 2016

## Metrics

Publication: 21

Citation (WoS): 127

Citation (Scopus): 160

H-Index (WoS): 6

H-Index (Scopus): 6