

## Prof. Murat DONDURAN

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-8514-5513

ScopusID: 53363464100

Yoksis Researcher ID: 12814

### Education Information

Doctorate, Yildiz Technical University, Sosyal Bilimler Fakültesi, İktisat, Turkey 1996 - 2000

Postgraduate, Marmara University, Sosyal Bilimler Fakültesi, (İng.) İktisat, Turkey 1994 - 1996

Undergraduate, Marmara University, Faculty Of Economic And Administrative Sciences, (İng.) İktisat, Turkey 1989 - 1994

### Foreign Languages

English, C1 Advanced

### Research Areas

Social Sciences and Humanities, Economics, Econometrics

### Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Economic And Administrative Sciences, Department Of Economics, 2013 - Continues

Associate Professor, Yildiz Technical University, Faculty Of Economic And Administrative Sciences, Department Of Economics, 2008 - 2013

Assistant Professor, Yildiz Technical University, Faculty Of Economic And Administrative Sciences, Department Of Economics, 2003 - 2007

Lecturer, Yildiz Technical University, Faculty Of Economic And Administrative Sciences, Department Of Economics, 2000 - 2003

Research Assistant, Yildiz Technical University, Faculty Of Economic And Administrative Sciences, Department Of Economics, 1995 - 2000

### Academic and Administrative Experience

Head of Ethics Committee, Yildiz Technical University, Faculty Of Economic And Administrative Sciences, Department Of Economics, 2021 - Continues

Director of The Institution, Yildiz Technical University, Faculty Of Economic And Administrative Sciences, Department Of

Economics, 2020 - Continues

Fakülte Yönetim Kurulu Üyesi, Yıldız Technical University, Faculty Of Economic And Administrative Sciences, Department Of Economics, 2016 - 2022

Head of Department, Yıldız Technical University, Faculty Of Economic And Administrative Sciences, Department Of Economics, 2016 - 2021

Fakülte Kurulu Üyesi, Yıldız Technical University, Faculty Of Economic And Administrative Sciences, Department Of Economics, 2014 - 2017

Fakülte Yönetim Kurulu Üyesi, Yıldız Technical University, Faculty Of Economic And Administrative Sciences, Department Of Economics, 2008 - 2013

Deputy Head of Department, Yıldız Technical University, Faculty Of Economic And Administrative Sciences, Department Of Economics, 2003 - 2009

## Courses

### Doctorate

Industrial Organization, Doctorate, 2020 - 2021

### Postgraduate

Mikroekonomik Analiz, Postgraduate, 2020 - 2021

Mikroiktisadi Analiz, Postgraduate, 2017 - 2018

## Supervised Theses

DONDURAN M., Türkiye'de ücret farklılıkları ve ücret ayrışması, Doctorate, S.San(Student), 2016

DONDURAN M., Türkiye'de bilgi ve iletişim teknolojilerinin ekonomik büyümeye katkıları, Postgraduate, S.Doğan(Student), 2016

DONDURAN M., İki taraflı piyasa ve Türkiye' de kredi kartları piyasası, Postgraduate, O.Bayram(Student), 2016

DONDURAN M., Genişbant telekom politikası ve oyun teorisi çerçevesinde analizi, Postgraduate, H.Hansu(Student), 2016

DONDURAN M., Marka yönetim ekonomisi: Oyun teorik bir yaklaşım, Postgraduate, E.Kozmaoğlu(Student), 2016

DONDURAN M., Dış ticaret ve piyasa yoğunlaşması ilişkisi: Türk imalat sanayi üzerine bir uygulama, Postgraduate, A.Şahin(Student), 2016

DONDURAN M., Firmaların Optimal Inovasyon Kombinasyonları, Piyasa Yapıları ve İktisadi Büyüme İlişkisi, Doctorate, S.Şahin(Student), 2016

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

- I. **Constructing early warning indicators for banks using machine learning models**  
Tarkocin C., DONDURAN M.  
North American Journal of Economics and Finance, vol.69, 2024 (SSCI)
- II. **On self- and other-regarding cooperation: Kant versus Berge**  
ÜNVEREN B., DONDURAN M., Barokas G.  
Games and Economic Behavior, vol.141, pp.1-20, 2023 (SSCI)
- III. **A Kantian Analysis of Pricing and R & D**  
Donduran M., Ünveren B.  
Review Of Industrial Organization, vol.58, no.4, pp.583-605, 2021 (SSCI)
- IV. **Failed coups, political survival, and civil liberties restrictions in nondemocratic regimes**  
ÖZTİĞ L. İ., DONDURAN M.  
SOCIAL SCIENCE JOURNAL, 2020 (SSCI)
- V. **Concluding Gibrat's law with Turkish firm data**

Aydođan Y., Donduran M.

PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.533, 2019 (SCI-Expanded)

VI. **Does stock market performance affect the government satisfaction rating in the UK?**

ŞEN S., DONDURAN M.

EMPIRICAL ECONOMICS, vol.53, no.3, pp.999-1009, 2017 (SSCI)

VII. **Neighborhoods in Development: Human Development Index and Self-organizing Maps**

Rende S., DONDURAN M.

SOCIAL INDICATORS RESEARCH, vol.110, no.2, pp.721-734, 2013 (SSCI)

## Articles Published in Other Journals

- I. **A Two-Stage Analysis of Interaction Between Stock and Exchange Rate Markets: Evidence from Turkey**  
Faisal M. A., DONDURAN M.  
Annals of Data Science, vol.12, no.1, pp.171-198, 2025 (Scopus)
- II. **Measuring the degree of connection between currency futures: Empirical dive into higher moments**  
DONDURAN M., Faisal M. A.  
Studies in Economics and Finance, vol.41, no.2, pp.335-364, 2024 (ESCI)
- III. **Bank Stability and Systemic Risk Measurement**  
TARKOÇİN Ç., DONDURAN M.  
Center for Strategic Studies in Business and Finance SSBFNET, vol.12, no.1, pp.63-73, 2023 (Peer-Reviewed Journal)
- IV. **Liquidity Classification of Equities Under Stress Using Machine Learning Models: Evidence from Major World Share Indices**  
TARKOÇİN Ç., DONDURAN M.  
REVIEW OF ECONOMICS AND FINANCE, vol.21, pp.1317-1331, 2023 (Scopus)
- V. **Efficiency analysis of social performance - the case of Turkish super league**  
Ozaydin S., DONDURAN M.  
INTERNATIONAL JOURNAL OF THE ECONOMICS OF BUSINESS, vol.27, no.3, pp.391-409, 2020 (ESCI)
- VI. **Türk Bankacılığında Rekabet ve İstikrar**  
AKSOY T., DONDURAN M.  
Finans Politik ve Ekonomik Yorumlar Dergisi, vol.651, pp.133-148, 2020 (Peer-Reviewed Journal)
- VII. **FİRMA BÜYÜMESİ VE BÖLGESEL FARKLILIKLAR**  
KENT BIRIK O., DONDURAN M.  
İstanbul Ticaret Üniversitesi Sosyal Bilimler Dergisi, vol.19, pp.404-425, 2020 (Peer-Reviewed Journal)
- VIII. **An Empirical Study of Revenue Generation and Competitive Balance Relationship in European Football**  
ÖZAYDIN M. S., DONDURAN M.  
Eurasian Journal of Business and Economics, vol.12, pp.17-44, 2019 (Peer-Reviewed Journal)
- IX. **Estimations on the Firm Size Distribution in Turkey**  
AYDOĞAN Y., DONDURAN M.  
Journal of European Theoretical and Applied Studies, vol.6, pp.35-51, 2018 (Peer-Reviewed Journal)
- X. **İktisadi Oylama: Tespitler ve Türkiye Örneđi**  
ŞEN S., DONDURAN M.  
Artvin Çoruh Üniversitesi Uluslararası Sosyal Bilimler Dergisi, vol.3, pp.39-56, 2017 (Peer-Reviewed Journal)

## Books

- I. **Türkiye Ekonomisinde Büyüme, Kalkınma ve Eşitsizlik - A. Suut Doğruel'e Armađan**

Kent O. (Editor), Karahasan B. C. (Editor), Tekçe İ. M. (Editor), Taştan H. (Editor), Donduran M. (Editor)  
Eflatun Yayınevi, Ankara, 2021

- II. **Türkiye’de Firma Yaşı, Büyüklüğü ve Büyümesi Üzerine Gözlemler**  
Donduran M.  
in: Türkiye Ekonomisinde Büyüme, Kalkınma ve Eşitsizlik - A. Suut Doğruel'e Armağan, Oya Kent, Burhan Can Karahasan, Mahmut İ. Tekçe, Hüseyin Taştan, Murat Donduran, Editor, Eflatun Yayınevi, Ankara, pp.255-281, 2021
- III. **Hücreesel Otomata, Genetik Algoritma ve Evrimsel Oyunlar**  
Donduran M.  
in: Kompleksite ve İktisat, Serçin Şahin, Ercan Eren, Editor, Eflatun Yayınevi, Ankara, pp.205-220, 2017
- IV. **İktisat ve Matematik**  
Donduran M.  
in: İktisat Sadece İktisat Değildir, Metin Sarfati, Burak Atamtürk, Editor, Efil Yayınevi, Bursa, pp.125-135, 2015
- V. **Dünyadaki ve Türkiye’deki Lisansüstü İktisat Programlarının Karşılaştırılması**  
Eren E., Şahin S., Donduran M.  
in: Bir Ömür İktisat: Prof.Dr.Ali Özgüven’e Armağan, S.Alcin, H.Kirer, D.D.Dereli, N.B.Cakir, Editor, İstanbul Kültür Üniversitesi Yayınları, İstanbul, pp.51-66, 2014
- VI. **İleri Mikro İktisat**  
DONDURAN M.  
Avcıol Basım Yayınları, İstanbul, 2013
- VII. **Firm size, growth and profits in Turkish manufacturing industry**  
Donduran M.  
in: Economic development in the Middle East and North African countries contemporary issues , Hadi Salehi Esfahani, Gulcay Tuna, Editor, NOVA Science Publishers Inc. , New-York, pp.257-267, 2012
- VIII. **İktisatta Bilgisayar Programlamaya Giriş: MAPLE ve C Uygulaması**  
DONDURAN M.  
in: İktisadi Verilerin Analizi ve Temel Öngörü Yöntemleri, İ. Parasız ve U. Başoğlu, Editor, Ekin Yayınevi, Bursa, pp.201-215, 2003
- IX. **Yeni Ekonomi**  
Donduran M.  
in: İktisadin Dama Taşları, IFMC Editörleri, Editor, İstanbul Üniversitesi Mezunlar Derneği Yayınları, İstanbul, pp.133-142, 2000
- X. **Mikro İktisat**  
Donduran M., Eren E.  
Avcıol Basım Yayın, İstanbul, 1999
- XI. **Doğu Anadolu Turizm Odaklı Bölgesel Kalkınma Projesi ve Kış Olimpiyatları Araştırması**  
DONDURAN M., Öztamam E.  
İto Yayınları, 1
- XII. **Uluslararası Rekabet Stratejileri: Türkiye Gıda Sanayii**  
DONDURAN M., Ataay A.  
Tusiad Yayınları, 1

## **Papers Published in Refereed Scientific Meetings**

- I. **FİRMA BÜYÜMESİ, BÜYÜKLÜĞÜ VE REKABET: TÜRKİYE’DE BÖLGESEL FARKLILIKLAR**  
DONDURAN M., KENT BIRIK O.  
5. IRDC International Regional Development Conference, Malatya, Turkey, 26 - 28 September 2019
- II. **Firmaların Büyüme-Büyüklük İlişkisine Bölgesel Bir Yaklaşım**  
KENT BIRIK O., DONDURAN M.  
20. ULUSAL TEK KONFERANSI, Turkey, 16 - 18 October 2019
- III. **Firma Büyüklüğü ve Bölgesel Farklılıklar**

DONDURAN M., KENT BIRIK O.

19. ULUSAL BÖLGE BİLİMİ VE BÖLGE PLANLAMA KONGRESİ, Giresun, Turkey, 2 - 04 May 2019

- IV. **Competition and Stability in Turkish Banking Sector**  
AKSOY T., DONDURAN M.  
ICE-TEA 2018, Antalya, Turkey, 01 November 2018, pp.1
- V. **İktisat Eğitiminin İçeriği Ne Zaman ve Nasıl Değişecek?**  
DONDURAN M.  
TÜRKİYE EKONOMİ KURUMUULUSLARARASI EKONOMİ KONFERANSI UEK-TEK 2018, Antalya, Turkey, 1 - 03 November 2018
- VI. **Firm Size and Productivity in Turkish Manufacturing Industry**  
KENT BIRIK O., DONDURAN M.  
ULUSLARARASI EKONOMİ KONFERANSI UEK-TEK 2018, Antalya, Turkey, 1 - 03 November 2018
- VII. **An Analysis of the Firm Size Distribution in Turkey**  
AYDOĞAN Y., DONDURAN M.  
X. International Balkan and Near Eastern SocialSciences Congress Series - Ohrid / Macedonia, Ohrid, Macedonia, 27 - 28 October 2018
- VIII. **İmalat Sanayiinde Bölgesel Endüstriyel Yapı veYığılmalar: 2009-2015**  
KENT BIRIK O., DONDURAN M.  
18. ULUSAL BÖLGE BİLİMİ VE BÖLGE PLANLAMA KONGRESİ, İstanbul, Turkey, 10 - 12 May 2018
- IX. **Estimating Boone Competition Indicator for Turkish Banking Industry**  
AKSOY T., DONDURAN M.  
3rd International Conference on Banking and Finance Perspectives, Gazimagusa, Cyprus (Kkct), 25 - 27 April 2018
- X. **The Relationship Between Efficiency and Persistence of Profits in Turkish Banking Industry**  
AKSOY T., DONDURAN M.  
3rd International Conference on Banking and Finance Perspectives, 25 - 27 April 2018
- XI. **Havayolu Yurtiçi Yolcu Taşımacılığında Rekabet:Türkiye Örneği**  
DONDURAN M., ŞAHİNBAŞ S.  
IV. YILDIZ SOSYAL BİLİMLER KONGRESİ, 21 - 22 December 2017
- XII. **Endüstri Yoğunlaşması ve Hisse Senedi Getirisi: Türkiye Üzerine Bir Çalışma**  
DONDURAN M., ERDURAK C.  
19. Ulusal İktisat Sempozyumu, Girne, Cyprus (Kkct), 3 - 04 November 2017
- XIII. **Dynamic Interaction and Volatility Spillover Effects between and Consumer and Producer Prices**  
TAŞTAN H., DONDURAN M.  
Turkish Economic Association 5. International Conference on Economics, 20 - 22 October 2016
- XIV. **Evrimci Kompütasyon ve Avusturya Okulu**  
EREN E., DONDURAN M.  
International Conference on Economics Turkish Economic Association ICE-TEA 2016, 20 - 22 October 2016
- XV. **Dynamic Interaction and Volatility Spillover Effects between Consumer and Producer Prices**  
TAŞTAN H., DONDURAN M.  
International Conference on Economics Turkish Economic Association ICE-TEA 2016, 20 - 22 October 2016
- XVI. **Volatility Spillovers and Dynamic Interaction between Consumer and Producer Prices**  
TAŞTAN H., Donduran M.  
5th International Conference on Economics, Turkish Economic Association, ICE-TEA, 20-22 October 2016, Bodrum, Turkey, 01 October 2016
- XVII. **A Regional Analysis of Votes in Turkey: Evidence from 2014 Local Election**  
Uzunöz M., DONDURAN M.  
The Summer 2016 Global Business Research Symposium, 01 July 2016
- XVIII. **Spectral Causality Links between Consumer and Producer Prices Evidence from Turkey**  
TAŞTAN H., DONDURAN M.  
2ND ANNUAL INTERNATIONAL CONFERENCE ON SOCIAL SCIENCES AICSS 2016, İstanbul, Turkey, 2 - 04 June 2016

- XIX. Determinants of Industrial Agglomeration Evidence From Turkey**  
KENT BIRIK O., DONDURAN M.  
2ND ANNUAL INTERNATIONAL CONFERENCE ON SOCIAL SCIENCES AICSS 2016, İstanbul, Turkey, 2 - 04 June 2016
- XX. Does firm size matter for geographic concentration and agglomeration Evidence from Turkish manufacturing firms**  
KENT BIRIK O., DONDURAN M.  
36th Annual Meeting of the MEEA, Allied Social Science Associations, San-Francisco, United States Of America, 3 - 06 January 2016
- XXI. Down by Two Last Ball Play Decision in Basketball**  
DUMAN E. A., DONDURAN M.  
2015 - ISSSET International Symposium of Sport Science, Engineering and Technology, İstanbul, Turkey, 10 - 13 May 2015
- XXII. The effect of Bologna process on the convergence of economics graduate programmes in Turkey to its counterparts in world**  
Eren E., Şahin S., Donduran M.  
Turkish Economic Association 4th International Conference on Economics, Antalya, Turkey, 1 - 03 October 2014
- XXIII. İktisatta Matematikselleşme Üzerine Notlar**  
DONDURAN M.  
İktisat ve Diğer Bilimler Paneli - "İktisat ve Matematik", 01 March 2014
- XXIV. Distributional Properties of Size and Growth of Firms: The Case of Turkey**  
DONDURAN M.  
PRIN 2009 – Final Workshop - THE GROWTH OF FIRMS AND COUNTRIES: distributional properties and determinants, 01 October 2013
- XXV. Türkiye'de Firma Büyümesi Ajan Bazlı Modelleme Yaklaşımı**  
DONDURAN M.  
TEA 2012 International Conference of Turkish Economic Association, 01 November 2012
- XXVI. Dünyada ve Türkiye'deki iktisat doktora programlarının karşılaştırılması**  
Eren E., Donduran M., Şahin S.  
EconAnadolu: Anadolu International Conference on Economics, Eskişehir, Turkey, 1 - 03 June 2011
- XXVII. The relationship between optimal process and product innovation combinations of firms, market structure and competition**  
Şahin S., Donduran M.  
EconAnadolu: Anadolu International Conference on Economics, Eskişehir, Turkey, 1 - 03 June 2011
- XXVIII. The effect of costs of process and product innovations on market structure**  
Donduran M., Şahin S.  
Turkish Economic Association 2nd International Conference on Economics, Girne, Cyprus (Kktc), 1 - 03 September 2010
- XXIX. The Impact of ICT on Firms' Performance in Turkish Manufacturing Industry: A Firm Level Analysis**  
DONDURAN M.  
7. Int. Conference in Knowledge, Economy and Business 2009, 29 Oct-1 Nov., Yalova Turkey
- XXX. Beklenti Yönetimi ve Makro Ekonomi Politikaları**  
DONDURAN M., Eren E.  
2010 ICE-TEA Conference
- XXXI. İnternetin Ekonomik Maliyetleri ve Alternatif Fiyatlandırma Modeli**  
DONDURAN M.  
INET-TR-98
- XXXII. Mergers and Acquisitions in Turkish Banking Industry: An Empirical Investigation**  
DONDURAN M.  
2. ICE-TEA Conference
- XXXIII. Türkiye'de Bilgi Teknolojisi Göstergeleri ve Ağ Dışsallıkları**

DONDURAN M., Donduran M.

METU International Conference on Economics

XXXIV. **Firm Size, Firm Growth and Persistence of Profits in Turkish Manufacturing Industry: A Firm Level Analysis**

DONDURAN M.

MEEA Conference 2008, 29-31 May, Turkish Republic of Northern Cyprus

XXXV. **A Heterogenous Agent-based Model for Regulation in Healthcare Sector**

SUNAL S., Donduran M.

UEK-TEK 2012

## Episodes in the Encyclopedia

### I. Belirsizlik

Donduran M.

Borsa Yayınları, pp.1125, 1999

## Supported Projects

KAMA MASALA Ö., DONDURAN M., AKSOY T., YERLİKAYA B., Duldul A., Project Supported by Higher Education Institutions, Türkiye'de firmaların piyasaya giriş çıkış dinamikleri Bölgesel bir analiz, 2022 - 2023

ÖZKAYA B., AÇIKGÖZ Ö., BALIK D., DALKILIÇ A. S., BİLGİLİ M. S., KAVANOZ S., ACAR VURAL R., TOPUZOĞULLARI M., KAYA İ., ŞEHİTOĞLU Y., et al., Project Supported by Higher Education Institutions, Yayıncısı Yıldız Teknik Üniversitesi olan akademik dergilerimiz için iyileştirilmiş güncel ve sürdürülebilir bir yapılanma sağlanarak dergilerin etkinliğinin ve Üniversitemizin tanınırlığının artırılması, 2021 - 2022

DONDURAN M., Project Supported by Higher Education Institutions, Türk İmalat Sanayiinde Firma Büyümesi: Ajana-Dayalı Modelleme, 2012 - 2018

Donduran M., Other International Funding Programs, Uzaktan Mikro İktisat Eğitimi, 2010 - 2011

## Peer Reviews in Scientific Publications

Regüler Ekonomilerin Homotopi Grubu, National Scientific Refreed Journal, January 2013

## Metrics

Publication: 68

Citation (WoS): 15

Citation (Scopus): 24

H-Index (WoS): 2

H-Index (Scopus): 3

## Non Academic Experience

YILDIZ TEKNİK ÜNİVERSİTESİ, ÖĞRETİM ÜYESİ