

## Doç.Dr. Tunç DURMAZ

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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ScopusID: 57195242647

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### Biyografi

Tunç Durmaz is an Associate Professor at the Economics Department at Yildiz Technical University in Istanbul. His research interests lie in economics of climate change, carbon capture and storage, energy storage, electricity economics and markets, technological change and green growth, and investment, consumption, and production decisions of prosumers. His research has been published in journals such as Energy Economics, Renewable and Sustainable Energy Reviews, Environmental Modeling & Assessment, Climate Change Economics , and Economics Of Energy & Environmental Policy to name a few. At Yildiz Technical University, Durmaz teaches courses in Microeconomics, Environmental Economics (Masters), Energy and Resource Economics, Economics of Regulation and Competition Policy, and Introduction to Computer Science.

He received his Ph.D. in Economics from the Norwegian School of Economics. In his Ph.D. thesis, he scrutinizes the role of different technologies and technological change can play in facilitating green economic growth. From 2015 to 2016, he was a postdoctoral fellow at the School of Energy and Environment at the City University of Hong Kong.

[Tunç Durmaz on Google Scholar](#)

### Eğitim Bilgileri

Post Doktora, City University of Hong Kong, School of Energy and Environment, Hong Kong 2015 - 2016

Doktora, Norges Handelshøyskole;Nhh (Norwegian School Of Economics And Business Administration), Economics, Economics, Norveç 2009 - 2015

Yüksek Lisans, University of Southern California, Department Of Economics, Economics, Amerika Birleşik Devletleri 2007 - 2009

Yüksek Lisans, Marmara Üniversitesi, Sosyal Bilimler Enstitüsü, İktisat (İngilizce) Anabilim Dalı, Türkiye 2004 - 2007

Lisans, Dokuz Eylül Üniversitesi, İşletme Fakültesi, İktisat, Türkiye 1999 - 2003

### Yabancı Diller

Almanca, B2 Orta Üstü

Fransızca, B1 Orta

İngilizce, C2 Ustalık

Norveççe, C1 İleri

## Yaptığı Tezler

Doktora, Essays in Energy, Environment and Technology, Norwegian School Of Economics, Department Of Economics, Economics, 2015

## Araştırma Alanları

Sosyal ve Beşeri Bilimler, İktisat, İktisat Teorisi

## Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Yıldız Teknik Üniversitesi, İktisadi Ve İdari Bilimler Fak., İktisat Bölümü, 2019 - Devam Ediyor

## Akademik İdari Deneyim

Bölüm Başkan Yardımcısı, Yıldız Teknik Üniversitesi, İktisadi Ve İdari Bilimler Fak., İktisat Bölümü, 2021 - Devam Ediyor

Erasmus Koordinatörü, Yıldız Teknik Üniversitesi, İktisadi Ve İdari Bilimler Fak., İktisat Bölümü, 2017 - 2020

## Verdiği Dersler

Introductory Computer Science , Lisans, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Environmental Economics, Yüksek Lisans, 2020 - 2021

Introduction to Economics, Lisans, 2020 - 2021

Enerji ve Doğal Kaynaklar Ekonomisi, Lisans, 2020 - 2021

Introduction to Environmental Economics, Lisans, 2018 - 2019

The Economics of Regulation and Competition, Lisans, 2017 - 2018

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Estimation of residential electricity demand in Hong Kong under electricity charge subsidies**  
DURMAZ T., Pommeret A., TAŞTAN H.  
ENERGY ECONOMICS, cilt.88, 2020 (SSCI)
- II. **EVALUATING CARBON CAPTURE AND STORAGE IN A CLIMATE MODEL WITH ENDOGENOUS TECHNICAL CHANGE**  
Durmaz T., Schroyen F.  
CLIMATE CHANGE ECONOMICS, cilt.11, sa.1, 2020 (SSCI)
- III. **Smart grids and renewable electricity generation by households**  
Dato P., DURMAZ T., Pommeret A.  
ENERGY ECONOMICS, cilt.86, 2020 (SSCI)
- IV. **Levelized Cost of Consumed Electricity**  
DURMAZ T., Pommeret A.  
ECONOMICS OF ENERGY & ENVIRONMENTAL POLICY, cilt.9, sa.1, ss.243-262, 2020 (SSCI)
- V. **A Two-Sector Model of Economic Growth with Endogenous Technical Change and Pollution Abatement**  
Amigues J., Durmaz T.  
Environmental Modeling and Assessment, cilt.24, sa.6, ss.703-725, 2019 (SCI-Expanded)
- VI. **The economics of CCS: Why have CCS technologies not had an international breakthrough?**

DURMAZ T.

RENEWABLE & SUSTAINABLE ENERGY REVIEWS, cilt.95, ss.328-340, 2018 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Feed-in tariff policy in Hong Kong: is it efficient?**  
Durmaz T., Pommeret A., Dato P.  
City and Environment Interactions, cilt.10, ss.1-10, 2021 (ESCI)
- II. **Düşük Karbon Ekonomisine Geçiş ve Bu Geçişte Karbon Yakalama ve Depolamanın Rolü**  
Durmaz T.  
Sosyal Bilimler Araştırmaları Dergisi, cilt.0, sa.0, ss.205-224, 2019 (Hakemli Dergi)
- III. **Energy Storage and Renewable Energy: An Economic Approach**  
Durmaz T.  
YILDIZ Social Science Review, sa.4, ss.15-38, 2018 (Hakemli Dergi)
- IV. **Are households ready to pay for solar panels and smart grids?**  
DURMAZ T., Pommeret A., Ridley I.  
IAEE Energy Forum, ss.25-28, 2018 (Hakemli Dergi)
- V. **Strategic Dynamic Climate Policy: The Role of CCS**  
Durmaz T.  
Yönetim ve Ekonomi Araştırmaları Dergisi, cilt.15, sa.5, ss.212-228, 2017 (Hakemli Dergi)
- VI. **Willingness to Pay for Solar Panels and Smart Grids**  
DURMAZ T., Pommeret A., Ridley I.  
FEEM working papers "Note di lavoro" series, ss.1-24, 2017 (Hakemli Dergi)
- VII. **"Optimal storage under uncertainty: Investigating the implications of frugality and prudence"**  
Durmaz T.  
Economics Bulletin, cilt.37, 2017 (ESCI)

## **Kitap & Kitap Bölümleri**

- I. **Renewables, Energy Storage, and Smart Grids**  
Durmaz T., Pommeret A., Dato P.  
Climate and Energy protection in the EU and China - 5th Workshop on EU-Asia Relations in Global Politics, Hefe, P., Palocz-Andresen, M., Rech, Kohler, J.-H., Editör, Springer-Verlag, Berlin, ss.85-94, 2019
- II. **Environmental Catastrophes and Deep Uncertainties Surrounding the Economics of Climate Change**  
DURMAZ T.  
Environment and Sustainability, Aydın Celil, Darıcı Burak, Editör, Peter Lang, Berlin, ss.171-186, 2019
- III. **Non-Cooperative Duopoly Games under Uncertainty of Discount Rates**  
Durmaz T.  
Firms' Strategic Decisions: Theoretical and Empirical Findings, Kazuhiro Ohnishi, Editör, Bentham Science, Sharjah, ss.36-50, 2018

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Electricity market capacity mechanism and strategic capacity withholding in Turkey**  
DURMAZ T., ACAR AYTEKİN S., KIZILKAYA YERLİSU S.  
5th AIEE Energy Symposium Current and Future Challenges to Energy Security – energy perspectives beyond COVID19 –, 15 - 17 Aralık 2020
- II. **Moderate economic inequality boosts AI**

DURMAZ T., ÜNVEREN B.

Economics of Digitization, 19 - 20 Kasım 2020

- III. **Düşük Karbon Ekonomisine Geçiş Ve Bu Geçişte Kyd'nin Rolü**  
DURMAZ T.  
DÜŞÜK KARBON EKONOMİSİNE GEÇİŞ VE BU GEÇİŞTE KYD'NİN ROLÜ, Kocaeli, Türkiye, 14 - 15 Kasım 2019, ss.76-81
- IV. **Levelized Cost of Consumed Electricity**  
DURMAZ T., Pommeret A.  
24th Annual Conference of the European Association of Environmental and Resource Economists, Manchester, Birleşik Krallık, 26 - 29 Haziran 2019
- V. **Supply uncertainty in electricity markets**  
DURMAZ T.  
TÜRKİYE EKONOMİ KURUMU ULUSLARARASI EKONOMİ KONFERANSI - UEK-TEK 2018, 1 - 03 Kasım 2018, ss.1994-2000
- VI. **Estimation of the Residential Electricity Demand in Hong Kong**  
DURMAZ T., POMMERET A., TAŞTAN H.  
International Conference on Empirical Economics and Social Sciences (ICEESS'18), 27 - 28 Haziran 2018
- VII. **The Economics Of CCS: A Survey Of The Recent Literature**  
DURMAZ T.  
3rd International Conference on Applied Economics and Finance, Girne, Kıbrıs (Kkctc), 06 Aralık 2017, ss.117
- VIII. **Willingness to pay for solar panels and smart grids**  
DURMAZ T., Pommeret A., Ian R.  
4th FAERE Annual Conference, Nancy, Fransa, 12 - 13 Eylül 2017
- IX. **Smart grids and renewable electricity generation by households**  
DURMAZ T., Dato P., Pommeret A.  
23rd Annual Conference of the European Association of Environmental and Resource Economists, Atina, Yunanistan, 28 Haziran - 01 Temmuz 2017
- X. **Renewables, Energy Storage and Smartgrids**  
DURMAZ T., Pommeret A., Dato P.  
The 65th Annual Meeting of the French Economic Association, Nancy, Fransa, 27 - 29 Haziran 2016
- XI. **Evaluating Carbon Capture and Storage in a Climate Model with Endogenous Technical Change**  
DURMAZ T., Schroyen F.  
Bergen IAEE2016 International Conference - Energy: Expectations and Uncertainty, Bergen, Norveç, 19 Haziran 2016
- XII. **The Role and Implications of Energy Storage: An Economic Perspective**  
DURMAZ T.  
38th IAEE International Conference, Antalya, Türkiye, 25 Mayıs 2015

## Diğer Yayınlar

- I. **Smart Grids and Renewable Electricity Generation by Households**  
DURMAZ T., Pommeret A., Dato P.  
Teknik Rapor, 2017
- II. **Precautionary Storage in Electricity Markets**  
DURMAZ T.  
Teknik Rapor, 2016
- III. **Energy Storage and Renewable Energy**  
DURMAZ T.  
Teknik Rapor, 2014
- IV. **Evaluating Carbon Capture and Storage in a Climate Model with Directed Technical Change**

## Bilimsel Hakemlikler

ENERGY JOURNAL, SSCI Kapsamındaki Dergi, Aralık 2020  
RESOURCE AND ENERGY ECONOMICS, SSCI Kapsamındaki Dergi, Aralık 2020  
ENERGY ECONOMICS, SSCI Kapsamındaki Dergi, Aralık 2020  
ENERGY JOURNAL, SSCI Kapsamındaki Dergi, Ekim 2020  
ENERGY JOURNAL, SSCI Kapsamındaki Dergi, Temmuz 2020  
ECONOMICS BULLETIN, ESCI Kapsamındaki Dergi, Haziran 2020  
CITY AND ENVIRONMENT INTERACTIONS, Diğer İndekslerce Taranan Dergi, Mart 2020  
REVIEW OF INDUSTRIAL ORGANIZATION, SSCI Kapsamındaki Dergi, Ekim 2019  
ENERGY JOURNAL, SSCI Kapsamındaki Dergi, Ocak 2019  
ENERGY, SCI Kapsamındaki Dergi, Kasım 2018  
ECONOMICS BULLETIN, ESCI Kapsamındaki Dergi, Ekim 2018  
ENERGY JOURNAL, SSCI Kapsamındaki Dergi, Ağustos 2018  
ENERGY JOURNAL, SSCI Kapsamındaki Dergi, Temmuz 2018  
RESOURCE AND ENERGY ECONOMICS, SSCI Kapsamındaki Dergi, Mart 2018  
ENERGY, SCI Kapsamındaki Dergi, Aralık 2017  
SCANDINAVIAN JOURNAL OF ECONOMICS, SCI Kapsamındaki Dergi, Kasım 2016  
Natural Resource Modeling, SCI-E Kapsamındaki Dergi, Nisan 2016  
NATURAL RESOURCE MODELING, SCI-E Kapsamındaki Dergi, Ocak 2016

## Metrikler

Yayın: 32  
Atf (WoS): 47  
Atf (Scopus): 76  
H-İndeks (WoS): 3  
H-İndeks (Scopus): 5

## Kongre ve Sempozyum Katılımı Faaliyetleri

International Conference on Applied Economics and Finance (ICOAEF 2017), Katılımcı, Girne, Kıbrıs (Kktc), 2017  
4th French Association of Environmental and Resource Economists (FAERE) Annual Conference, Katılımcı, Nancy, Fransa, 2017  
EconAnadolu 2017, Katılımcı, Eskişehir, Türkiye, 2017  
Rokko Forum (invited), Graduate School of Economics, Kobe University, Katılımcı, Kôbe, Japonya, 2016  
The 65th Annual Meeting of the French Economic Association, Katılımcı, Nancy, Fransa, 2016  
European Association of Environmental and Resource Economists (EAERE) 22st Annual Conference, Katılımcı, Zürich, İsviçre, 2016  
The 39th International Association for Energy Economics (IAEE) International Conference, Katılımcı, Bergen, Norveç, 2016  
10th Conference on The Economics of Energy and Climate Change, Katılımcı, Toulouse, Fransa, 2015  
EAERE 21st Annual Conference, Katılımcı, Helsinki, Finlandiya, 2015  
The 38th IAEE International Conference, Katılımcı, Antalya, Türkiye, 2015  
Bergen Economics of Energy and Environment Research Conference 2015 (BEEER 2015), Katılımcı, Bergen, Norveç,

2015

5th World Congress of Environmental and Resource Economists, Katılımcı, İstanbul, Türkiye, 2014

The 37th IAEE International Conference, Special PhD Session, Katılımcı, New York, Amerika Birleşik Devletleri, 2014

BEEER 2014, Katılımcı, Bergen, Norveç, 2014

The 36th Annual Meeting of the Norwegian Association of Economists, Katılımcı, Oslo, Norveç, 2014

The Economics of Energy Markets (invited), Katılımcı, Toulouse, Fransa, 2014

FIBE 2014, Katılımcı, Bergen, Norveç, 2014

EAERE 20th Annual Conference, Katılımcı, Toulouse, Fransa, 2013

Nordic Workshop in Industrial Organization, NORIO VIII, Katılımcı, K benhavn, Danimarka, 2012

BEEER 2012, Katılımcı, Bergen, Norveç, 2012

Research Conference: Energy and the Environment, Katılımcı, Bergen, Norveç, 2011

## **Davetli Konuşmalar**

Energy Economics, Konferans, World Energy Strategies Congress and Exhibition 2019 , Türkiye, Ağustos 2019

Lunch Seminar, Seminer, Universitaet Basel (University of Basel), İsviçre, Şubat 2019

## **Ödüller**

Durmaz T., 2018 Yayın puanına göre İİBF Fak ltesi Öğretim elemanları arasında 3.l k derecesi, Yıldız Teknik Üniversitesi, Kasım 2019

Durmaz T., Best paper award - Ecological Economics, 3Rd International Conference On Applied Economics And Finance, Aralık 2017