

**BURAK DİNDAROĞLU**  
Assistant Professor of Economics  
Izmir Institute of Technology  
Engineering Management

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**Contact and Personal Information**

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Gender: Male. Nationality: Turkish

**Fields of Expertise**

Microeconomics  
Economics of Technology and Innovation  
Econometrics, Data Analytics  
Industrial Organization

**Current Research Interests**

Patent analytics  
Technology diffusion and substitution  
Competition in high technology industries  
Geography of invention

**Education**

PhD	Economics	State University of New York at Albany	2010
MA	Economics	State University of New York at Albany	2005
BSc	Electrical and Electronics Engineering	Bilkent University, Ankara	2002

**Experience**

2020-Current	Assistant Professor, Izmir Institute of Technology 2022-Current: Engineering Management, Department Head 2021-Current: Career Planning Application and Research Center, Director
2017-2020	Lecturer, Izmir Institute of Technology
2010-2016	Assistant Professor, Department of Economics, İzmir University of Economics
2004-2010	Lecturer, Department of Economics, SUNY Albany
2008	Lecturer, Rockefeller College of Public Affairs and Policy, SUNY Albany

**Publications**

- Dindaroğlu B (2023) Interpersonal Trust, Invention, and Innovation across European Regions, Growth and Change, <https://doi.org/10.1111/grow.12674>.
- Dindaroğlu B (2022) Product Design in Monopolistic Competition, International Journal of Economic Theory, <https://doi.org/10.1111/ijet.12363>
- Duran HE, Dindaroğlu B (2021) Regional Inflation Persistence in Turkey, Growth and Change 52(1), 460-491.
- Dindaroğlu B (2018) The Determinants of Patent Quality in U.S. Manufacturing: Technological Diversity, Appropriability, and Firm Size, The Journal of Technology Transfer 43(4), 1083-1106.
- Dindaroğlu B (2018) Competitive Advertising on Broadcasting Channels and Consumer Welfare, Information Economics and Policy 42(C), 66-75.

**Book Chapters**

- Dindaroğlu B, Ertay S. (2022) Field Experiments in Bargaining, in Karagözoğlu E, Hyndman K (Eds.) Bargaining: Current Research and Future Directions. Cham: Palgrave MacMillan.

Dindaroğlu B (2013) R&D Productivity and Firm Size in Semiconductors and Pharmaceuticals: Evidence from Citation Yields, in Erdil E, Pamukçu T, Yetkiner H (Eds) Industrial Dynamics, Innovation Policy, and Economic Growth thr. Technological Advancements, IGI Global, Hershey, PA.

### **Works Under Revision/Review/in Progress**

An Empirical Study of Sequential Offer Bargaining During the Festival of Sacrifice (with Seda Ertaç), R&R.

Collusion and Quality Differentiation: A Nash Bargaining Approach (with Georgios Petropoulos and Thanos Athanasopoulos).

Planning and Risk Management for Town-Level Energy Hub Systems with Two Applications from İzmir, Turkey.

Emerging Technologies via Emerging Combinations.

### **Publications in Local Journals**

Akçaalan E, Dindaroğlu B, Binatlı, AO (2020) International Investors, Volatility and Herd Behavior: Borsa İstanbul, 2001-2016, International Journal of Economics and Innovation (Ulakbim) 6(2), 247-259.

Dindaroğlu B, Takım Y (2014) R&D, Innovation and Stock Market Performance: A Study on the Istanbul Stock Exchange, Ekonomik Yaklaşım 24(89), 25-44.

### **Grants**

Developing a new method for the optimization of Energy Hubs under various uncertainties, Tübitak/MSRT Project no: 121N044, ongoing. Role: Coordinator.

A Comparison of University and Corporate Spin-Off Performance, Tübitak project no: 113K372, accepted 12/07/2013, completed September 2016). Role: Researcher.

### **Ongoing Project Proposals/Preparation**

Green Skills for Change, ERASMUS Alliance for Innovation (ERASMUS-EDU-2022-PI-ALL-INNO) Proposal number 101111241 (19 University, Corporate and Public partners from Europe). Role: IZTECH Coordinator.

Detecting emerging technologies in the science-technology interface and identifying their future economic impact (3 Universities and 2 Firms, seeking larger consortium).

New methods and applications for forecasting technology diffusion and substitution (ongoing work, searching for suitable international co-authors).

### **Field Projects**

Bordeaux Mixture Production Plant Feasibility Project. Role: Researcher.

Impact of Indigenous Production Landscapes (IPLs, TR: Kadim Üretim Havzaları) on biodiversity and livelihoods, for Doğa Okulu, Seferihisar. Role: Researcher (Economic comparison of IPL and conventional olive production).

Regional Economic Development Programme for TRA2, Cluster Competitiveness and Strategy, (with IDEMA, under contracting by TANAP, completed May 2019). Role: Researcher.

### **International Conferences and Workshops**

Bargaining Theory and Experiments, Workshop, Bilkent University, 14-15 May 2016, Ankara.

EconAnadolu International Conference in Economics, 19-21 June 2013, Eskişehir.

Competition and Innovation Summer School (CISS 2013), May 27-June 2 2013, Turunç.

12th International Symposium on Econometrics, Operations Research and Statistics, 26-28 May 2011, Pamukkale University, Denizli.

Euroconference 2011: Crises and Recovery in Emerging Markets, 27-30 June 2011, İzmir University of Economics, İzmir.  
4th SUNY-IUE Conference in Economics, May 2011, İzmir University of Economics, İzmir.  
Technology and Economic Development: 4th International Conference on Industrial Dynamics, Innovation Policy and Growth, 21-22 May 2010, İzmir University of Economics, İzmir.  
Eurasia Business and Economics Society (EBES) 2010 Conference, 26-28 May 2010, İstanbul.

**Referee work:** Technological Forecasting and Social Change, Journal of Technology Transfer, Industry and Innovation, İktisat İşletme Finans.

## TEACHING

### Undergraduate

Engineering Economics (IZTECH)  
Principles of Economics (IZTECH)  
Economics of Innovation (IZTECH)  
Environmental Economics (IZTECH)  
Energy Engineering Economics (IZTECH)  
Economics of Technology (IUE)  
Econometrics (IUE)  
Time Series Analysis (IUE)  
Public Economics (IUE)  
Mathematical Economics (IUE)

### MA, MSc and PhD

Econometrics (PhD, IUE)  
Applied Econometrics (PhD, IUE)  
Statistics (PhD, IUE)  
Financial Analysis and Engineering Econ (MSc, IZTECH)  
Energy Economics and Management (MSc, IZTECH)  
Market Dynamics and Economy (MSc, IZTECH)  
Management of Technology and Innovation (MA, IZTECH) (partial)  
Statistics for Engineers (MSc, IZTECH)  
Financial Econometrics (MA, IUE)

### Thesis Supervision

Ongoing: Işın Sözen Sarıgül (MA), Mustafa Tufan (MA).  
Completed: Didem Çiftçi (MSc), Yekta Takım (MA), Muhammed Muhsin (MA).

**Languages:** Turkish (native), English (fluent), French (advanced, discontinued use).