

# ARHAN S. ERTAN

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## EDUCATION

**Brown University, Providence, Rhode Island, USA**

*PhD* in ECONOMICS (2007)

*MA* in ECONOMICS (2002)

**Boğaziçi University, Istanbul, Turkey**

*PhD* (coursework) in MANAGEMENT (2001)

*MA* in ECONOMICS (1999)

*BS* in CIVIL ENGINEERING (1997)

## FIELDS of EXPERTISE

**Research Fields:** Economic Development, International Trade, Behavioral & Experimental Economics, Migration, Efficiency of Financial Markets

**Teaching Fields:** International Trade, International Finance, Econometrics, Statistics, Financial Markets, Economic Development, Macroeconomics, Microeconomics, Research Methods

## RESEARCH

### Publications:

#### International Journals:

Democratization, State Capacity and Developmental Correlates of International Artificial Intelligence Trade (Democratization, 2023; SSCI)

When to Not Respond in Kind? Individuals' Expectations of the Future and Their Support for Reciprocity in Foreign Policy (Political Behavior, 2023; SSCI)

Social and Moral Psychology of COVID-19 across 69 Countries (Nature Scientific Data, 2023, doi: 10.1038/s41597-023-02080-8; WOS & SCOPUS)

Intertemporal and Cross-Sectional Contrasts in Effects of Trade: Significance of the Technology Content of Exports (Journal of International Trade and Economic Development, 2022; SSCI)

National Identity Predicts Public Health Support During A Global Pandemic (Nature Communications, 2022, doi: 10.1038/s41467-021-27668-9; WOS)

Predicting Attitudinal and Behavioral Responses to COVID-19 Pandemic Using Machine Learning (PNAS Nexus, 2022, doi: 10.1093/pnasnexus/pgac093; ESCI)

Global Financial Environment or Monetary Transmission Mechanism? The (Special) Dynamics of the Turkish External Deficit after 2002 (International Journal of Finance & Economics, 2020; SSCI)

Who Was Colonized and When? A Cross-Country Analysis of Determinants (European Economic Review, 2016; SSCI)

Who to Punish? Individual Decisions and Majority Rule in Mitigating the Free Rider Problem (European Economic Review, 2009; SSCI)

#### International Book Chapters:

The Strategic Logic of Digital Disinformation: Offense, Defence and Deterrence in Information Warfare (*Handbook of Disinformation and National Security (ch14)*, Routledge, 2023, DOI: 10.4324/9781003190363)

# ARHAN S. ERTAN

Politics of Artificial Intelligence Adoption: Unpacking the Regime Type Debate (in *Democratic Frontiers: Algorithms and Society (ch5)*, Routledge, 2022, DOI: 10.4324/9781003173427)

Foreign Direct Investment in North Africa: A Descriptive Analysis of the Performance, Policies, Challenges (in *Handbook of Research on Institutional, Economic, and Social Impacts of Globalization and Liberalization*, (ch25), IGI Global, 2020, DOI: 10.4018/978-1-7998-4459-4)

## ULAKBIM Journals:

Financial Value of Analyst Recommendations: Talent or Risk Factor? (Sosyoekonomi, 2020, DOI: 10.17233/sosyoekonomi.2020.04.17; ESCI)

Estimating the Yield Curve for Sovereign Bonds: The Case of Turkey (Finans-Politik & Ekonomik Yorumlar Dergisi, 2020)

Differential Effects of Global Financial Crisis on Public and Private Bank Behavior: Literature Review and the Case of Turkish Banking Industry (Journal of Research in Economics, 2020; ECONLIT)

Estimating the Risk of Bankruptcy: An Analysis of Turkish Manufacturing Industry (Journal of Economic & Administrative Sciences, 2018)

## Articles under Review:

Explaining Radicalization through Structural and Permissive Determinants (under review, SSCI)

Changes in the Differences in Assets Preferences of the Public and the Private Banks in the Course of the Global Financial Crisis: Evidence from an Emerging Market (under review, SSCI)

Developmental Consequences of the Colonial Era: A Global Analysis (under review, SSCI)

## Working Papers:

The Strategic Logic of Digital Disinformation: Offense, Defence and Deterrence in Information Warfare (2022, SSRN Working Paper #4098988, DOI: 10.2139/ssrn.4098988)

Politics of Artificial Intelligence Adoption: Unpacking the Regime Type Debate (2022, SSRN Working Paper #4024365, DOI: <https://dx.doi.org/10.2139/ssrn.4024365>)

Determinants and Economic Consequences of Colonization: A Global Analysis (2012, SSRN Working Paper #2129786, DOI: 10.2139/ssrn.2129786)

## Grants & Projects with Financial Support:

Economic Experiments on Threshold Public Goods: Analyzing the Roles of Time Inconsistency & Impatience, Risk Preferences, Network Structures, Communication among Subjects, and Beliefs about Others' Behavior (Financial Support: Boğaziçi University, BAP)

Effects of COVID-19 Pandemic Related Uncertainties on Social, Economic and Political Preferences and Behavioral Patterns: Role of Risk Perception (Financial Support: TÜBİTAK)

Identification and Analysis of the Relative Importance of Factors Affecting Cooperation When There is a Threshold to Reach Benefits: Communication Among Subjects, Restrictions in Contribution Amounts and Existence of an External Coordination Mechanism (Financial Support: TEKFEN & Boğaziçi University, BAP)

Digital Public Diplomacy of Armed Organizations – Cases of Syria and Iraq (Financial Support: TÜBİTAK)

Integrative Urban Planning in Communities Receiving Refugees: Case of Syrian Refugees in Turkey (Financial Support: GIZ GmbH)

# ARHAN S. ERTAN

## **Works Complete (being prepared for journal submission):**

Future of Global Multilateralism: Rethinking Security, Economy, Democracy  
Identification of the Factors that Affect the Spread in Syndication Credits in Turkey  
Capital Account and Trade Openness Effects on the Labor Share of National Income: The Role of Financial Development and Human Capital  
Developing A Financial Early Warning System for Financial Intermediary Institutions: A 'Neural Network' Analysis  
Regulation of a Domestic Monopoly under International Competition: A Welfare Analysis

## **Works in Progress:**

The Effect of Costly Reporting on Coordination Behavior: A Study of Helping and Retaliation (with Louis Putterman, Brown University & Kenju Kamei, Keio University)  
Analyzing the Role of Inequality and Communication on Contributions to Threshold Public Goods (with Louis Putterman, Brown University & Rustam Romaniuc, Montpellier Business School)  
Beyond the Drivers of Migration: Estimating and Projecting Migratory Crises (with Başak Yavcan, TOBB University)  
Identification of Intra-National Migration Fields and their Effect on Labor Market Segmentation in Metropolitan Areas of Turkey (with Murat Güvenç, Kadir Has University)  
Determinants of Global Migration Flows during the Colonial Era: An Analysis of the "World Migration Matrix, 1500-2000" (with Louis Putterman, Brown University)  
Projecting Inter-City Migration Flow & Province Level Population of Refugees using a Network – Gravity Model (as part of a project prepared for GIZ on Integrative Urban Planning in Communities Receiving Refugees)  
Persistent Effects of History on Regional Development: Pre- & Post-WWI Population Movements in Balkans and Middle East (with Stelios Michalopoulos, Brown University)  
Short- and Long-Run Economic and Social Effects of Ottoman Rule in Eastern Europe, Middle East and North Africa: A Comparison of Areas under Direct-Rule vs Vassal States (with Gian Tedeschi, University of Nottingham)  
Path Dependence in State Capacity: Role and Development of State Level Politics (with Kivanc Karaman, Boğaziçi University)  
Persistence of Innovation: The Effects of Political History of States on Current Entrepreneurship Levels (with Bulent Unel, Louisiana State University)  
Effects of Personal Characteristics on Contributions to Public Goods: Theory and Experimental Analysis (with Murat Yılmaz, Boğaziçi University)  
How do the Financial Institutions choose between FDI vs Foreign Lending? A Bank Level Analysis of the International M&As vs. Syndication Credits in Turkey (with Umut Gökçen, Özyeğin University)  
Effect of Trade Liberalization on Unemployment: Interaction of Labor Market Distortions with Exchange Rate Volatility  
International Technology Spillovers and Productivity Growth

## **Earlier Academic Work:**

Effects of Job Motivation on Work Outcomes  
A Critical Evaluation of Turkey's Investment Policies in 1980's  
Analysis of the '*Day-of-the-Week-Effect*' in Istanbul Stock Exchange  
Benchmarking Project Management Performance in Turkish Construction Industry

# ARHAN S. ERTAN

## EXPERIENCE

### Full Time:

**Associate Professor at Boğaziçi University**, Dept. of International Trade (2019 – current)

Courses @ Undergraduate Level: International Trade, Financial Decision Making, International Financial System and Institutions, Finance for International Trade, Research Methods, Macroeconomics

Courses @ Masters Level: Research Methods, International Financial Management, Economics of Globalization, Finance for International Trade

Administrative: YBF Faculty Board, SOBETİK, Department Internship Commission, Graduate Education Commission and Web Site Supervisor

**Visiting Assistant Professor at Brown University**, Economics Department (2018 – 2019)

Courses Taught: Econometrics

**Assistant Professor at Kadir Has University**, Dept. of International Trade & Finance (2012 – 2018)

Member of Board of Directors of the Faculty of Management (2017 – 2018)

Member of Board of Directors of the Center for Istanbul Studies (2016 – 2018)

Organizer of the “Economics and Finance Seminars Series” (2014 and 2015)

Director of the Masters’ Program in “Finance and Banking” (2013 – 2016)

Courses @ Masters and PhD Level: International Economics, Economic Growth, Financial Markets and Institutions, Banking Theory, Turkish Economy, Quantitative Methods, International Financial System

Courses @ Undergraduate Level: International Trade, International Finance, Economics of Growth, Financial Markets and Institutions, Statistics

**Visiting Assistant Professor at New York University**, Economics Department (2011 – 2012)

Courses Taught: International Economics, Statistics, Quantitative Methods for Economics (Courant Institute of Mathematical Sciences)

**Visiting Assistant Professor at Boston University**, Economics Department (2009 – 2011)

Courses Taught: Development Strategy (master’s level), International Economics, Statistics, Intermediate Macroeconomics, Monetary and Banking Institutions

**Visiting Assistant Professor at Tufts University**, Economics Department (2008 – 2009)

Courses Taught: Economic Development, Econometrics

**Visiting Assistant Professor at Babson College**, Division of Economics (2007 – 2008)

Courses Taught: Contemporary Economic Systems, Principles of Macroeconomics

**Research and Teaching Assistant at Brown University**, Economics Department (2002 – 2007)

Courses Taught: Monetary & Fiscal Policy, Economic Development, International Trade, Introduction to Financial Markets

Teaching Assistant: Graduate Macroeconomics, Financial Institutions, Industrial Organization, Intermediate Macroeconomics

Training: Sheridan Teaching Certificate, Levels I & II

### Part Time:

**Adjunct Faculty at Harvard University**, Economics Department (summers of 2022, 2023, 2024)

Courses Taught: International Trade

**Academic Consultant (data analytics) at Istanbul Economy Research** (2018 – current)

**Adjunct Faculty at Boğaziçi University** (several semesters during 2007 – 2017)

Courses Taught: Special Topics in International Trade and Finance, Principles of Macroeconomics / Microeconomics, Intermediate Macroeconomics / Microeconomics, Statistics

# ARHAN S. ERTAN

**Adjunct Faculty at Koç University**, Economics Department (Summer 2014)

Courses Taught: Intermediate Microeconomics, Intermediate Macroeconomics

**Adjunct Faculty at Özyeğin University**, Faculty of Business (Summer 2013)

Course Taught: Introduction to Finance

**Adjunct Faculty at Boston College**, Economics Department (2009)

Courses Taught: Microeconomic Theory, International Trade

**Adjunct Faculty at Northeastern University**, Economics Department (2008 & 2010)

Course Taught: Principles of Macroeconomics

**Adjunct Faculty at Sabancı University**, Economics Department (Summer 2007)

Courses Taught: Intermediate Macroeconomics

**Adjunct Faculty at University of Rhode Island**, Economics Department (Fall 2006)

Courses Taught: Introduction to Macroeconomics

**Teaching Assistant at Bilgi University**, Economics Department (1999 - 2001)

Courses Taught: Principles of Economics, Intermediate Macroeconomics, Managerial Economics

## REFEREING ACTIVITY

As Editorial Board Member: Springer Nature Business & Economics<sup>1</sup>, Economics<sup>2</sup>

As Referee: European Economic Review, PLOS One, Economic Journal, Economic Inquiry, Journal of Conflict Resolution, Journal of Economic Behavior and Organization, International Studies Quarterly, Journal of Peace Research, Global Studies Quarterly, Journal of International Trade and Economic Development, International Review of Economics and Finance, Journal of Behavioral and Experimental Economics, Journal of Economics and Management Strategy, Journal of Socio Economics, Journal of Public Economics, Journal of Public Economic Theory, Review of Economics and Finance, Economic History of Developing Regions, Southern Economic Journal, Bulletin of Economic Research, Journal of Demographic Economics, Essays on Economic Policy, Boğaziçi Journal, İktisat, İşletme ve Finans Dergisi, BDDK Bankacılık ve Finansal Piyasalar Dergisi

## ADVISING:

### PhD Theses (as primary advisor)

Completed:

Musa Köseli (2019)

Fatih Kayhan (2018)

Gürbüz Kıran (2017)

Onur Özdemir (2017)

Teoman Temuçin (2019)

Ahmed Musabeh (2018)

Ömer Ersan (2017)

Fatih Pişkin (2015)

### Masters' Theses (as committee chairperson)

Completed:

Akın Cem Tokgöz (2024)

İlayda Aras (2023)

Koutibah Alrifai (2018)

Mehmet Burak Akren (2024)

Seher Beray Bayer (2023)

Şule Kamber (2014)

In Progress:

Hasan Gürel

Oğuz Öğrenci

Toykan Doğan

Shervin Tanideh

Onur Yüce

Eda Nur Yücesoy

<sup>1</sup> <https://www.springer.com/journal/43546/editors> (ISSN: 2662-9399)

<sup>2</sup> <http://www.econjournal.org/editorial-board> (ISSN: 2376-6603)

# ARHAN S. ERTAN

## CONFERENCES & WORKSHOPS & SEMINARS

### ORGANIZED

COVID-19 Focused Social Science Studies Workshop (2021)  
All-Istanbul Economics Workshop (2017)  
Institutional Aspects of Banking & Finance (International Conference, 2016)  
Economics and Finance Seminars @ Kadir Has University (2014 – 2016)  
Istanbul Finance Congress (International Conference, 2013)

### PRESENTED

Workshop on Norms and Incentives Across Societies, Montpellier Business School (Montpellier, 2023)  
Workshop on Climate Induced Displacement in Middle East and North Africa, Institute for Migration Studies (Lebanese American University) & Center for the Middle East (Rice University's Baker Institute for Public Policy) (Beirut 2023)  
XIX World Economic History Congress on "Resources", Paris School of Economics & Ecole des Hautes Etudes en Sciences Sociales (Paris, 2022)  
9th European Workshop in International Studies (EWIS) on "The Rise of Digital Authoritarianism: The Age of Artificial Intelligence", University of Macedonia (Thessaloniki, 2022)  
Conference on "Unpacking the Economic Impacts of COVID-19", Turkish Economic Association (online, 2021)  
Behavioral & Experimental Economics Workshop, Bilgi University (Online, 2021)  
Conference on "COVID-19 and Society", TÜBİTAK (Online, 2021)  
National Economics Symposium, Turkish Economic Association (Adana, 2019)  
Marmara University, Economics Department (İstanbul, 2017)  
All-Istanbul Workshop, Kadir Has University (İstanbul, 2017)  
Institutional Aspects of Banking & Finance Conference, Kadir Has University (İstanbul, 2016)  
Conference on "Inclusive and Sustainable Growth and Income Distribution", Turkish Economic Association (Muğla, 2016)  
All-Istanbul Workshop, Özyeğin University (İstanbul, 2016)  
Middle East Technical University, Economics Department (Ankara, 2016)  
Workshop on International Trade & Development, University of Bordeaux (Bordeaux, 2015)  
Comparative Analysis of Enterprise Data Conference, Sabancı University (İstanbul, 2015)  
All-Istanbul Workshop, Boğaziçi University (İstanbul, 2015)  
EconAnadolu Conference (Eskişehir, 2015)  
TOBB University, Economics Department (Ankara, 2015)  
Koç University, Economics Department (İstanbul, 2013)  
Bilgi University, Economics Department (İstanbul, 2013)  
Conference on "Rethinking Governance, Institutions and Democracy", Center for Economics and Econometrics, Boğaziçi University (İstanbul, 2011)  
Özyeğin University, Economics Department (İstanbul, 2011)  
Kadir Has University, Economics Department (İstanbul, 2011)  
Bahçeşehir University, Economics Department (İstanbul, 2010)  
Boğaziçi University, Economics Department (İstanbul, 2008)  
City University of New York, Economics Department (New York City, 2008)  
Econometric Society – Latin American Meetings (Bogota, 2007)  
Brown University, Economics Department (Providence, 2007)

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## MEMBERSHIPS

American Economic Association (AEA)  
European Economic Association (EEA)  
Economic Science Association (ESA)  
Middle East Economic Association (MEEA)  
Turkish Economic Association (TEK)  
Turkish American Scientists and Scholars Association (TASSA)  
Brown University Alumni Association (BAA)  
Boğaziçi University Alumni Association (BUMED)

## SKILLS

**Software:** STATA, SPSS, E-Views, Gephi, Matlab, XLStat, ArcGIS, QGIS, Adobe Dreamweaver  
**Programming Languages:** Python, R, Fortran, Basic, HTML  
**Spoken Languages:** Turkish (native), English (fluent), German (beginner)

## HONORS & AWARDS & FELLOWSHIPS

'*Most Cited Article Award*' (European Economic Review)  
Centre for Economic Policy Research (CEPR) Fellowship (for the workshop in '*Trade, Technology Diffusion and Implications for Developing Countries*' organized by University of Milan, Italy)  
Stephen R. Ehrlich Fellowship (Brown University)  
3rd Place in 'Graduation Project Contest' (Faculty of Engineering, Boğaziçi University)  
1st Prize in *International Mathematical Olympiad* (IMO) Exam (Turkish Scientific and Technical Research Institution (TÜBİTAK))  
1st Prize in '*Özdebir Exam*' (at national level)  
Ranked among the top 100 students in the national university entrance exam  
Ranked 12th in '*High Schools of Science*' national entrance exam  
1st Prize in '*Milliyet Knowledge Contest*' (organized by a major national newspaper)

## EARLIER EXPERIENCE:

### **Finansbank, Economist at Research Department, Istanbul, 1998**

Collected and analyzed macroeconomic and political data from Turkey and all around the world and written weekly reports  
Participated in the editorial work for the monthly bulletin: '*Investment Strategy*'  
Prepared the framework of an electronic database to be used to store and organize major macroeconomic variables and indicators

### **DPT (State Planning Organization) & Boğaziçi University, Istanbul, 1997**

As the directing member of a joint research project:

Prepared a survey questionnaire used to measure the conformity level of Turkish construction industry firms to '*Project Management*' processes and knowledge areas  
Analyzed the survey results and written a policy report, advising Turkish construction industry firms in institutionalizing the *Project Management* culture

**REFERENCES:** available upon request