



# ISTANBUL AYDIN UNIVERSITY

## FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES E-BULLETIN



AUGUST 2025



## FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES

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### OUR DEPARTMENTS

- Economics and Finance (Tur)
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- Political Sciences and International Relations (English)
- International Trade and Finance (English)



# ECONOMICS AND FINANCE (TUR)

## Meeting

Asst. Prof. Dr. Tuğçe ACAR KARA attended the protocol meeting held between Istanbul Aydın University and the Merter Industrialists and Businessmen's Association (MESİAD), which aimed to foster collaboration in the fields of R&D, research, project partnerships, education, digitalization, and innovation.





# ECONOMICS AND FINANCE (TUR)

## Meeting

Asst. Prof. Dr. Tuğçe ACAR KARA attended the collaboration meeting between Istanbul Aydın University and İstanbul Beykent University on joint research projects, education, and publication activities.





# ECONOMICS AND FINANCE (TUR)

## Entrepreneurship

Asst. Prof. Dr. Tuğçe ACAR KARA launched the Innovathon Entrepreneurship Acceleration Program to support the innovative ideas of university students and young entrepreneurs.

A promotional poster for the 'Innovathon Türkiye' program. The poster is white with a blue gradient at the bottom. It features logos for Istanbul Aydın University, IAUTEKMER, TIPYO, and KOSGEB. The text includes the hashtag #geleceğiyaydınlat, the program name 'İNNOVATHON TÜRKİYE', the subtitle 'GİRİŞİM HIZLANDIRMA PROGRAMI', the dates '04 - 29 Ağustos', and a call to action 'HEMEN KAYIT OL!'. The program is described as free, certified, and online.

#geleceğiyaydınlat >>>> Ücretsiz, Sertifikalı, Online

**İNNOVATHON**  
**TÜRKİYE**  
GİRİŞİM HIZLANDIRMA PROGRAMI

04 - 29 Ağustos

Türkiye'nin en dinamik girişim hızlandırma programında sen de yerini al!  
Girişimini başlat, hayalini gerçekleştir, geleceği sen inşa et!

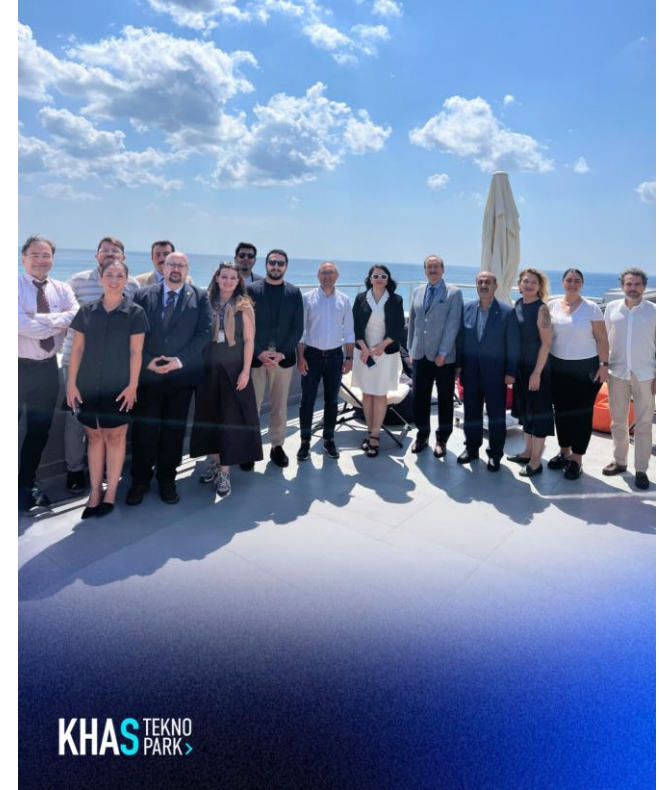
**HEMEN**  
KAYIT OL!



# ECONOMICS AND FINANCE (TUR)

## Meeting

Asst. Prof. Dr. Tuğçe ACAR KARA attended the monthly TEKMER & TTO managers' meeting, which was hosted this month by Kadir Has University Technopark.





## ECONOMICS AND FINANCE (ENG)

### Article

Prof. Dr. Erginbay UĞURLU's article titled "Quantile-Based Safe Haven Analysis and Risk Interactions Between Green and Dirty Energy Futures" has been published in *Risks*, a SCOPUS Q1 indexed journal.

Open Access Article

### Quantile-Based Safe Haven Analysis and Risk Interactions Between Green and Dirty Energy Futures

by Erginbay Uğurlu 

Department of Economics and Finance, Istanbul Aydın University, Istanbul 34295, Türkiye



# ECONOMICS AND FINANCE (ENG)

## TV Broadcast

Asst. Prof. Dr. Elif KAYA has provided economic policy evaluations on channels such as İhlas News Agency (İHA), Ülke TV, and Dubai TV.





# ECONOMICS AND FINANCE (ENG)

## Meeting

Asst. Prof. Dr. Elif KAYA, as part of the Faculty of Economics and Administrative Sciences Project Support Committee, held three meetings with the Project Preparation Team in August.





# BUSINESS ADMINISTRATION (TUR)

## Research Article

Asst. Prof. Dr. Özge DEMİRKALE's article titled "Exploring the Dynamic and Spillover Effects of Renewable Energy, Energy Consumption, and Financial Growth on SDG 13: Evidence from India and China" was published in the August 2025 issue of the International Journal of Energy Economics and Policy, a Scopus Q2-indexed journal.



International Journal of Energy Economics and Policy

ISSN: 2146-4553

available at <http://www.econjournals.com>

International Journal of Energy Economics and Policy, 2025, 15(5), 518-531.



### Exploring the Dynamic and Spillover Effects of Renewable Energy, Energy Consumption, and Financial Growth on SDG 13: Evidence from India and China

Bilge Çağatay<sup>1\*</sup>, Özge Demirkale<sup>2</sup>

<sup>1</sup>Department of Economy and Finance, Faculty of Economics, Administrative and Social Sciences, Fenerbahçe University, Istanbul, Türkiye. <sup>2</sup>Department of Business Administration, Faculty of Economics and Administrative Sciences, Istanbul Aydın University, Istanbul, Türkiye. \*Email: [bilge.cagatay@fbu.edu.tr](mailto:bilge.cagatay@fbu.edu.tr)

Received: 19 April 2025

Accepted: 23 July 2025

DOI: <https://doi.org/10.32479/ijeep.20387>

#### ABSTRACT

Climate change represents a critical global challenge, propelled by increasing greenhouse gas emissions, industrial growth, and reliance on fossil fuels. The United Nations' Sustainable Development Goal (SDG) 13 underscores the imperative for immediate climate action and sustainable energy policies. This study seeks to analyze the influence of energy consumption, renewable energy transition, and financial development in India and China on climate change mitigation, in accordance with Sustainable Development Goal (SDG) 13. The energy policies and financial mechanisms of the two largest emerging economies and carbon emitters are pivotal to global sustainability. The primary research question of this study is, how do India's and China's energy sectors and financial development influence climate change mitigation efforts? The findings reveal that despite advancements in renewable energy, both nations continue to struggle with high carbon emissions and environmental degradation. China's substantial investments in clean energy and financial instruments, including green bonds, have facilitated emission reductions, while India encounters infrastructural and financial limitations despite its ambitious sustainability objectives. The study underscores the necessity of integrating financial development with sustainable energy initiatives to reduce environmental harm. By evaluating the environmental consequences of energy policies, this research contributes to the broader discourse on sustainability and the role of major economies in global climate mitigation efforts.

**Keywords:** Climate Change Mitigation, Renewable Energy Transition, Financial Development, Sustainable Development Goal 13, China, India  
**JEL Classifications:** Q56, O13, F65, Q01



# BUSINESS ADMINISTRATION (ENG)

## Research Article

Asst. Prof. Dr. Salvatore Joseph TERREGROSSA's article titled "The Impact of Outlier Detection Algorithms on Statistical, Machine Learning and Deep Learning Forecast Models" was published in the August 2025 issue of the Review of Economics, a Scopus Q2-indexed journal.

A screenshot of the article's online publication page. The page features a light blue header with the article title "The Impact of Outlier Detection Algorithms on Statistical, Machine Learning and Deep Learning Forecast Models" and the authors "Ugur Sener and Salvatore Joseph Terregrossa". The publication date is "August 21, 2025". Below the header, there is a blue banner with the De Gruyter logo and the text "Published by DE GRUYTER OLDENBURG". To the right of the banner, there is a call to action "Become an author with De Gruyter Brill" and three links: "Submit Manuscript", "Author Information", and "Explore this Subject". The word "Article" is displayed in blue text below the banner. At the bottom of the page, there is a Windows taskbar with various application icons.



# BUSINESS ADMINISTRATION (ENG)

## Research Article

Assoc. Prof. Dr. Salvatore Joseph TERREGROSSA's article titled "Contemporary Approaches to Hybrid Forecasting" was published in the August 2025 issue of Computational Economics, a Scopus Q2-indexed journal.

### Contemporary Approaches to Hybrid Forecasting

Ugur Sener<sup>1</sup> · Salvatore Joseph Terregrossa<sup>2</sup>

Accepted: 26 July 2025

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#### Abstract

Our aim is the development of effective methods in *out-of-sample* forecasting of cryptocurrency prices and price trend. With regard to Bitcoin price forecasting in particular, we present a hybrid ensemble that proves superior when tested against benchmark models (singular and ensemble). We demonstrate two sources of model superiority: One, our suggested hybrid ensemble models both linear functionality (with  $ARIMA(p,d,q)$ ) and nonlinear functionality (with  $NAR$ ) in a  $BTC/USD$  price time series data set; as opposed to only nonlinear modeling (which has been the conventional approach in a recent, documented trend of data driven hybrid modeling of cryptocurrency prices). Modeling both types of functionalities generates a broader set of independent information regarding target variable movement. This leads to a better overall pattern recognition in the time series data, which we demonstrate contributes to superior price forecast accuracy. Two, our suggested hybrid ensemble incorporates a novel, improved (and more theoretically sound) approach to data smoothing: Each data point in the time series is individually de-noised, rather than relying on the conventional approach of using a standardized variable to smooth the entire data series. Our smoothing approach leads to clearer indication of any nonlinear trend in the data. which we demonstrate further paves the way

Check for updates



# PUBLIC ADMINISTRATION (TUR)

## Training

Asst. Prof. Dr. Burak GÖKALP delivered the “Use of Artificial Intelligence for Academics” training at Cyprus Aydın University, starting on August 26, 2025. The program was conducted in both face-to-face and online formats.



KIBRIS AYDIN  
ÜNİVERSİTESİ



Genel Duyuru

### Yapay Zeka Atölyesi

Yapay zeka araçlarının akademik araştırmalarda etkin kullanımı üzerine eğitim düzenlenecektir. Katılımınız beklenmektedir.

**1. Eğitim:** Eğitim Yapay Zekâ Araçları ile Literatür Tarama I: Haritalama Yöntemi

**Tarih:** 26 Ağustos 2025, Salı

**Saat:** 10:00 – 12:00

**2. Eğitim:** Eğitim Yapay Zekâ Araçları ile Literatür Tarama II: ChatGPT Kullanımı

**Tarih:** 28 Ağustos 2025, Perşembe

**Saat:** 10:00 – 12:00

**3. Eğitim:** Yapay Zeka Araçları ile Derse Hazırlık Yöntemleri

**Tarih:** 2 Eylül 2025, Salı

**Saat:** 10:00 – 12:00

**4. Eğitim:** Atlas.ti ile Nitel Analiz Eğitimi

**Tarih:** 9 Eylül 2025, Salı

**Saat:** 10:00 – 12:00

**Konferans salonunda yüz yüze ve çevrimiçi olarak gerçekleştirilecek eğitimlerimizin ardından katılımcılara dijital sertifika verilecektir.**

**ZOOM:** <https://teams.microsoft.com/meet/3788534871456?p=EFgckUeYenbasNhB4o>



# ACCOUNTING AND FINANCE MANAGEMENT

## Journal Article

The article titled “The Relationship Between Technostress and Productivity in the Context of Digital Transformation in the Accounting Profession: The Role of Accountants’ Digital Literacy,” produced from the thesis written by Türker UÇUM under the supervision of Prof. Dr. Gülümser ÜNKAYA, has been published in the journal Holistic Economics.

**Muhasebe mesleğinde dijital dönüşüm bağlamında teknostres ve verimlilik ilişkisi: Meslek mensuplarının dijital okuryazarlığının rolü**

Özet Görüntüleme: 288 / PDF İndirme: 197

**Türker Uçum**

Istanbul Aydın Üniversitesi / Türkiye  
<https://orcid.org/0009-0008-4275-670X>

**Gülümser Ünkaya**

Istanbul Aydın Üniversitesi / Türkiye  
<https://orcid.org/0000-0003-2453-2223>

DOI: <https://doi.org/10.55094/hoec.2634>

**Anahtar Kelimeler:** Muhasebede Dijital Dönüşüm- Teknostres- Dijital Muhasebe Okuryazarlığı- Verimlilik





# ACCOUNTING AND FINANCE MANAGEMENT

## Project

The project titled “Digital Transformation in Accounting and Finance Education: Development and Commercialization of a Gamification-Based Smart Learning System,” prepared by Prof. Dr. Gülümser ÜNKAYA, Assoc. Prof. Dr. Mustafa ÖZYEŞİL, Res. Asst. Beyza BOZKIR, and other experts in the field, has been submitted within the scope of the 3005 – Research Projects Support Program for Innovative Solutions in Social and Human Sciences.





# POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

## TV Broadcast

Assoc. Prof. Dr. Mehmet Cem OĞULTÜRK appeared on NTV and Haber Turk at various times in August to share his views on current affairs and foreign policy.

((( CANLI YAYIN 

DOÇ. DR.  
**MEHMET CEM OĞULTÜRK**  
SİYASET BİLİMİ VE ULUSLARARASI İLİŞKİLER  
ÖĞRETİM ÜYESİ

31.08.2025 / 21.00  
Pazar 

 [iaukampus](#) / [iaubasin](#)  
[www.aydin.edu.tr](http://www.aydin.edu.tr)





# POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

## Evaluation

Assoc. Prof. Dr. Mehmet Cem OĞULTÜRK expressed his views on current affairs and foreign policy to Alain News Türkçe.





# POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

## TV Broadcast

Asst. Prof. Dr. Murat JANE appeared on an NTV broadcast in August to share his views on current affairs and foreign policy.

(((•))) CANLI YAYIN 

DR. ÖĞRETİM ÜYESİ  
**MURAT JANE**

SİYASET BİLİMİ VE ULUSLARARASI İLİŞKİLER  
ÖĞRETİM ÜYESİ

13.08.2025 / 21.00 |   
Çarşamba

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# POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

## Newspaper Column

Asst. Prof. Dr. Filiz KATMAN regularly writes a column for Star Newspaper every Monday and Friday.



## Müttefik



# POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

## TV Broadcast

Asst. Prof. Dr. Hazar VURAL appeared as a live broadcast guest in August on Haber Global, Ulusal TV, TRT Radyo 1, Haber Türk, CNN Türk, A Haber, and Flash Haber, where he shared his views on current affairs and foreign policy.

**(((•))) CANLI YAYIN** **IAU BASIN**

**DR. ÖĞRETİM ÜYESİ**  
**HAZAR VURAL**

SİYASET BİLİMİ VE ULUSLARARASI İLİŞKİLER  
ÖĞRETİM ÜYESİ

29.08.2025 / 16.00  
Cuma

**CNN TÜRK**

X @ f iaukampus / iaubasin

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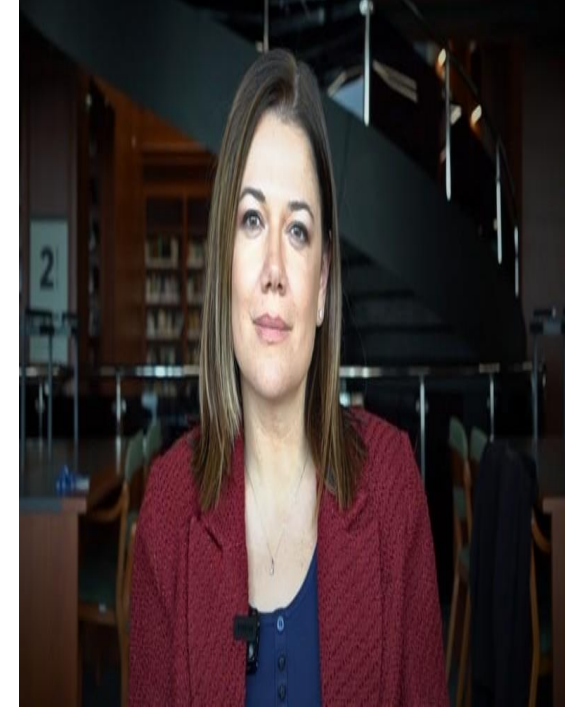
# POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

## Evaluation

Asst. Prof. Dr. Hazar VURAL from our department provided commentary to *Aydınlık* newspaper in August on the latest developments in the foreign policy agenda.



Vatan Partisi Rusya temsilcisi Doç. Dr. Mehmet Perinçek ve İstanbul Aydın Üniversitesi Öğretim Üyesi Dr. Hazar Vural, Washington'un Ermenistan ve Azerbaycan liderlerini bir araya getirmesi ve Zengezur'a dahil olmasının bölgeye etkilerini *Aydınlık*'a





# POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

## TV Broadcast

Asst. Prof. Dr. Canan TERCAN appeared as a live broadcast guest in August on AZ TV, A Haber, CNN TÜRK, Ülke TV, Flash Haber, EKOL TV, TVNET, TRT Haber, and TGRT Haber, where she shared her views on current affairs.





# POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

## Evaluation

Asst. Prof. Dr. Canan TERCAN provided commentary to Daily Sabah on the latest developments in the foreign policy agenda.

[dailysabah.com/op](https://dailysabah.com/op)

BY CANAN TERCAN  
AUG 22, 2025 12:05 AM

Pope Leo's upcoming visit to Türkiye for the anniversary of the First Council of Nicaea marks a historic step between Türkiye-Vatican ties





# COMMUNICATION

Florya Yerleşkesi (Halit Aydın Yerleşkesi)  
Beşyol Mah. İnönü Cad.No: 38  
T Blok Sosyal Bilimler Kampüsü,  
Sefaköy–Küçükçekmece / İSTANBUL

Tel: 444 1 428 (68011)

E-mail: [info@aydin.edu.tr](mailto:info@aydin.edu.tr)

