

# MOHAMMAD ISMAYL AL MASUD

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## EDUCATION

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<b>Texas Tech University</b> (TTU), Texas Ph.D. in Economics	2024 ( <i>expected</i> )
<b>Ibn Haldun University</b> (IHU), Istanbul M.A. in Economics	2019
<b>Antalya Bilim University</b> (ABU), Antalya B.A. in Economics ( <i>Magna Cum Laude</i> )	2017

## RESEARCH FIELDS

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Applied Microeconomics, Labor Economics, Energy and Environmental Economics.

## TEACHING EXPERIENCE

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### Instructor of Record

Principles of Economics	Fall 2023, 2022, Spring 2023
Principles of Microeconomics	Spring 2022, Summer 2022
Managerial Economics	Summer 2023

### Teaching Assistant

Intermediate Macroeconomics	Fall 2021
Intermediate Economic Theory	Spring 2021
Econometrics I	Spring 2020
Comparative Theories	Fall 2018, Spring 2019

<b>Departmental Tutor</b>	Fall 2019, 2020, Summer 2020, 2021
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## PUBLICATION

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Mohammad I. Al Masud, Levent Kutlu, 2018. US Bank Efficiency and FED Activity. *Economics Bulletin*, vol. 38(4), pages 2047-2059.

## WORKING PAPERS

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### **The Impact of Adult Awareness of Climate Change on Renewable Energy Consumption in the United States**

*Job Market Paper*

I conduct a survey among college students in Texas to assess their willingness to pay for renewable energy to tackle climate change. An individual with a good level of climate awareness is 9.38% more willing to pay extra for renewable energy. Comparably, people with an excellent level of awareness are 23% more likely to financially favor renewable energy than others, given the willingness to pay those with a good level of awareness. At least 70% of survey participants want to pay at least \$0.50, and 26% are willing to pay \$1.50 more per gallon of gasoline to slow down climate change. Utilizing the autoregressive distributed lag (ARDL) model, I analyze the national-level data to extrapolate the individual-level results on a macroeconomic level. I find that a 1% increase in awareness level would cause an increase in REC by 0.32%, but a \$1 increase in the oil price would lead to a rise in REC only by

0.002%. The environmental stringency index (EER), newspaper coverage of climate change (NC), and education (CG) all have statistically significant effects on REC. However, the renewable energy investment (RI), Palmer drought severity index (PDSI), and climate extreme index (CE) have no substantial impact on REC. Finally, I utilize the Global Trade Analysis Project (GTAP) to assess the economic and environmental consequences of increased renewable energy consumption driven by a demand shock.

### **Long-run and Short-run Determinants of the Private Pension Contributions in Turkey** *with Serife Genc*

We examine the determinants that affect a household's contribution to the private pension system. We exploit a unique dataset on the Turkish private pension system, and using the Vector Error Correction Model strategy, we can identify key determinants of the private pension system. The results show that the real exchange rate, deposit interest rate, and change in the gross domestic product are negatively associated with per contribution in the system. Moreover, the gold price and BIST 100 indexes positively relate to the per contribution level. However, we do not find any significant relationship between per contribution and changes in the inflation rate. The government incentive shows no real additional movement in the system. Our findings were presented at the IHU Social Science conference, where we received the esteemed accolade for the **best paper award**.

## **WORKS IN PROGRESS**

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### **Does the US Environmental Policy Reflect the Climate Change?**

In this study, we investigate the U.S. government's response to climate change. The primary objective of this study is to investigate the extent to which climate policy in the United States aligns with the phenomenon of climate change. This examination will be conducted utilizing the two-stage least square approach. Furthermore, to evaluate college students' perspectives towards government efforts to tackle climate change, we also examine a comprehensive data set obtained from surveys performed at Texas Tech University, the University of Texas Rio Grande Valley, and Texas A&M University-Corpus Christi. Furthermore, the Global Trade Analysis Project evaluates the economic and environmental impacts of implementing a more environmentally sustainable policy in response to a potential supply shock.

### **The Impact of the 2023 Turkey Earthquake on the Turkish Real Estate Industry** *with Mohammad Salahuddin*

We investigate how the most devastating earthquake (that hit southern Turkey in February 2023) affects the housing prices in Turkey. Using a difference-in-differences strategy, this study aims to measure the earthquake's effect on the average house price in the three major Turkish cities (Istanbul, Izmir, and Antalya).

## **HONORS AND SCHOLARSHIPS**

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TTU Competitive TEACH Fellow	2023
Graduate Student Fellowship, Southern Economic Association	2023
TTU Summer Dissertation Research Award	2023
Dr. Rashid B. Al-Hmoud Competitive Scholarship	2023, 2022
Mary Dregne ICASALS Endowed Scholarship	2022
2 <sup>nd</sup> in Graduate Research Poster Competition (TTU)	2022
3 <sup>rd</sup> in Three Minute Thesis Competition (TTU)	2022
Travel Grant from Bangladesh-Sweden Trust Fund	2019

Best Paper Award, Social Science Graduate Conference (IHU)	2018
Ibn Haldun Graduate Scholarship (IHU)	2017
High Honor Student Award (ABU)	2017
Undergraduate Full Scholarship (ABU)	2012

## PRESENTATIONS

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American Economic Association (poster)( <i>scheduled</i> ), TX	2024
Southern Economic Association Annual Meeting ( <i>scheduled</i> ), LA	2023
Western Economic Association Annual Meeting, CA	2023
Midwest Economics Association Annual Meeting, OH	2023
Seminar at Ateneo de Zamboanga University, Philippines	2023
Graduate Research Poster Competition, TTU, Texas	2022
Three Minute Thesis Competition, TTU, Texas	2022
Social Science Graduate Conference, Istanbul, Turkey	2018
Fiscaoeconomia International Congress, Ankara, Turkey	2018

## RESEARCH EXPERIENCE

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Ibn Haldun University, Istanbul	2017 - 2018
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## SKILLS

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### Programming

R, Stata, GTAP, L<sup>A</sup>T<sub>E</sub>X, EViews

### Languages

English (fluent), Bengali (native), Turkish (advanced), Hindi (intermediate)

## SERVICE

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Hope-UP: The Project Smile ( <i>Fundraiser</i> )	2021 – Present
TTU Three Minute Thesis Competition ( <i>Judge</i> )	2023
TTU Graduate Research Poster Competition ( <i>Judge</i> )	2023
TTU Arts & Humanities Conference ( <i>Judge</i> )	2022
Association of Bangladeshi Students and Scholars ( <i>Secretary</i> )	2020 – 2021
IHU Social Science Graduate Conference( <i>President</i> )	2019
TEDxAIU ( <i>Volunteer</i> )	2014

## REFERENCES

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