

# Maruf Morshed

The Pennsylvania State University | Department of Energy and Mineral Engineering  
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## ACADEMIC POSITION

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**Assistant Teaching Professor:** The Pennsylvania State University, University Park, PA  
(August 2024 - Present)

**Instructional Assistant Professor:** Illinois State University, Normal, IL (August 2023 -  
May 2024)

## EDUCATION

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**Ph.D. in Economics:** Texas Tech University, Lubbock, TX, August 2023.

Ph.D. Dissertation: "Essays on Energy & Environmental Economics".

Ph.D. Dissertation Committee: Misak Avetisyan (Chair), Michael Noel, Xiaohan Ma, Latchezar Popov.

**M. Sc. in Economics:** University of Dhaka, Bangladesh, 2017.

**B. Sc. in Mechanical Engineering:** Bangladesh University of Engineering & Technology,  
Bangladesh, 2012.

## RESEARCH INTERESTS

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**Primary:** Applied Microeconomics, Energy Economics, Environmental Economics

**Secondary:** Agricultural Economics, Education Economics, Applied Macroeconomics

## RESEARCH

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### Publication

Nie, Q., Brown, X. L., Liu, B., Morshed, M. (2024). Uncertainties, Employment and the Zero Lower Bound. *International Journal of Energy Economics and Policy*, 14(4), 305-316.

### Working Papers

"Are Biofuels More Environmentally Friendly? The GHG Emissions Impacts of Increased Biofuel Production" (Under Review)

"Is the Drought in the United States Anthropogenic? Finding the Economic Predictors of Drought Using Machine Learning"

"Is Subsidy in Biofuel Production Good for Welfare Gain in Case of Carbon Tax Recycling? Evaluation of Different Carbon Tax Recycling of Increased Biofuel Production"

"Effect of Class Duration in College Students Achievements"

## TEACHING EXPERIENCE

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### The Pennsylvania State University, University Park, PA, United State

Introduction to Energy & Earth Sciences                      Fall 2024  
Economics

### Illinois State University, Normal, IL, United State

Principles of Microeconomics                                      Spring 2024  
Economics of Energy & Public Policy                              Spring 2024  
Introduction to Environmental & Natural                              Spring 2024  
Resource Economy

Principles of Microeconomics                                      Fall 2023  
Labor Economics and Labor Problems                              Fall 2023  
Seminar in Regulatory Policy (Graduate)                              Fall 2023  
Advanced Microeconomic Theory I (Graduate)                      Fall 2023

### Texas Tech University, Lubbock, Texas, United States

**Graduate Part Time Instructor**                                      2021-2023  
Principles of Economics    Fall 2022 & Spring 2023  
Principles of Microeconomics                                      Fall 2021 & Spring 2022

**Teaching Assistant**    2019-2020  
Environmental Economics    Spring 2021  
Energy Economics    Fall 2020  
Monetary Theory    Spring 2020  
Econometrics    Fall 2019  
Economic & Business Forecasting                                      Spring 2019

**Economics Library Tutor**    2018  
Principles of Microeconomics  
Principles of Macroeconomics                                      Fall 18  
Principles of Economics

## CONFERENCE PRESENTATIONS

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Southern Economic Association, 93rd Annual Meeting, New Orleans, LA, Nov. 2023

21st Annual St. Louis Fed Professors Conference, St. Louise, MO, Nov. 2023 (attendance only)

Institute for Regulatory Policy Studies Conference, Springfield, IL, Oct. 2023 (attendance only)

Business & Economics Society International (B&ESI), 40th Conference, Florence, Italy, July 2023

Southern Economic Association, 92nd Annual Meeting, Ft. Lauderdale, Florida, Nov. 2022

Arts & Humanities Conference, 12th Annual Meeting, Texas Tech University, Texas, Nov. 2022

Missouri Valley Economic Association, 59th Annual Meeting, St. Louis, Missouri, Oct. 2022

## HONORS & SCHOLARSHIPS

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Instructional Innovation Grant, Center for Integrated Professional Development, Illinois State University, Fall 2023

Graduate School Travel Funding, Texas Tech University, 2022.

2nd place, History, Political, Global Issues Category, 12th Annual Arts & Humanities Conference Competition, Texas Tech University, 2022.

Technical Scholarship, Bangladesh University of Engineering & Technology, 2007-2012.

## REVIEWER

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*Interdisciplinary Environmental Review*, Inderscience Publishers

## DIPLOMA & CERTIFICATES

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**Professional Diploma in Procurement & Supply:** The Chartered Institute of Procurement & Supply, 2017.

## OTHER SKILLS

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Statistical Packages: R, Matlab, Stata, SPSS.

Programming: GAMS, GEMPACK, L<sup>A</sup>T<sub>E</sub>X.