

# Jheelum Sarkar

Ph.D. Student · Economics

American University, Washington, DC, USA

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## Education

### Ph.D. in Economics

AMERICAN UNIVERSITY

- Fields: Labor, Gender and Development
- Advisor: Prof. Kara Reynolds

Washington, DC, USA

Aug. 2022 - May 2027

### M.A. in Economics

AMERICAN UNIVERSITY

Washington, DC, USA

Aug. 2022 - Aug. 2024

### M.Phil. in International Trade and Development

JAWAHARLAL NEHRU UNIVERSITY (JNU)

- Thesis: *Welfare Effects of Extreme Climate Events on Mountain and Coastal Communities in India: A Case Study*
- Advisor: Prof. Meeta K. Mehra

New Delhi, India

Aug. 2020 - Jun. 2022

### M.A. in Economics with Specialization in World Economy

JAWAHARLAL NEHRU UNIVERSITY (JNU)

- Project: *Short Run Impact of Climate Change on Agriculture in India*
- Advisor: Prof. Sangeeta Bansal

New Delhi, India

Aug. 2018 - Jul. 2020

### B.Sc. (Hons.) in Economics

LADY BRABOURNE COLLEGE, UNIVERSITY OF CALCUTTA

- Thesis: *Structure of Employment in India*

Kolkata, India

Jul. 2015 - Jun. 2018

## Working Papers

- Sarkar, J. (2025). Who gets hit first and who recovers last? Evidence from Indian Coastal Flood Shock. SSRN: [5577351](#)
- Sarkar J. (2024). Linking Climate Change with Economic Inequality: A Review Essay. SSRN: [4814257](#)

## Work in Progress

- *Does Telework Exposure increase Female Labor Supply in Emerging Economies? Evidence from Indian Labor Market*
- *Impact of Affordable Internet on Women Empowerment in India*
- *Impact of Early Life Exposure to Armed Conflicts on Occupational Sorting*
- *Environmental Justice and Enforcement of Pollution Standards* (with [Dr. Phuong Ho](#), [Dr. Bianca Cecato](#) and Dr. Almira Salimgariev).
- *Climate Shock and Women's Time Poverty in India.*  
— Selected for Revaluing Care Economy Working Paper Series at Duke University (Fall 2024)

## Publication

Sultana, N., **Sarkar, J.**, & Meurs, M. (2024). Climate Change-Induced Migration: A Gendered Conceptual Framework. *Migration and Diversity*, 3(2), 215-233. <https://doi.org/10.33182/md.v3i2.3177>

## Guest Blogs & Commentaries

- Beyond the Plough: How Technology is Powering a New Green Revolution (with Rida Hameed) — Kogod Sustainability Review, December 2025 (Upcoming)
- [Rethinking climate migration through a gender lens](#) (with Prof. Meurs) — Program for Gender Analysis in Economics Blog, July 19, 2025.
- [Time poverty and climate shocks: how married women bear the brunt](#) — Revaluing Care Economy, October 21, 2024

## Research Experience

### Summer Research Assistant

ADVISOR: DR. ELIZABETH STATON

Applied Economics Clinic, Remote

May 2025 — Aug 2025

- Conduct Literature Reviews, Assist in Survey Preparations, Writing Policy Memos
- Collect Data, Manage Research Database, Run Data Analysis

### Government Housing and Entrepreneurship in Indian Slums

WITH DR. GARIMA SHARMA

American University, Washington, DC, USA

May 2024 — Aug 2024

LAST UPDATED JANUARY 15, 2025

JHEELUM SARKAR · CURRICULUM VITAE

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- Analyzed qualitative data using ATLAS.ti from primary surveys of slum dwellers in Orissa, India.
- Demonstrated relationship between dignity of dwelling and social entrepreneurship.

### **Pew Research Center Dataset Analysis on Religion and Cultural Trends**

*American University, Washington, DC, USA*

WITH PROF. BORIS GERSHMAN

*June 2024 — July 2024*

- Extracted and cleaned a multi-country, multi-wave dataset on religious pluralism in South and Southeast Asia.
- Studied inter-temporal trends in cultural beliefs, attitudes, and values, including variations by religion, educational attainment, socioeconomic background, and gender.

### **Transformations and Resilience of Pastoral Systems Amidst Rapid Social-Environmental Changes in Mongolia**

*American University, Washington, DC, USA*

WITH PROF. MIEKE MEURS

*June 2023 — Aug 2023*

- Developed a theoretical framework to study the intersection of climate change, migration and household decision-making through gender lens.
- Performed systematic literature reviews on climate change, migration, bargaining power and household dynamics with special focus on Mongolia.

### **Mapping Climate Risk Index: A Case Study of Ladakh, India (Knowledge for Climate Project)**

*JNU, New Delhi, India*

WITH PROF. MEETA K. MEHRA

(In collaboration with University of Zurich, University of Bern, and ETH Zurich, Switzerland)

*June 2020 -July 2021*

- Developed a quantitative Climate Risk Index for sub-districts in Ladakh, India, using Principal Component Analysis.
- Performed inter-temporal analyses and simulations using detailed demographic, socioeconomic, and physical data at the sub-district level.

### **COVID-19 and Green Recovery in South Asia: Opportunities for Recovering Better**

*JNU, New Delhi, India*

WITH PROF. MEETA K. MEHRA

(Commissioned by Council for Strategic and Defense Research)

*Dec 2020 -Feb 2021*

- Developed policy menus for sustainable recovery from the pandemic.
- Focused on the enormous green potential within South Asian countries such as green transport systems, climate-friendly infrastructure, green manufacturing, decarbonizing transitions.

## **Professional Experience**

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### **Managing Editor, Kogod Sustainability Review**

*American University, Washington, DC, USA*

WITH KOGOD BUSINESS SCHOOL

*May 2025 — Present*

- Develop strategies to elevate KSR's outreach and highlight contributions from professional experts in sustainability
- Collaborate with editors to ensure quality check of articles

### **Editor, Kogod Sustainability Review**

*American University, Washington, DC, USA*

WITH KOGOD BUSINESS SCHOOL

*May 2024 — May 2025*

- Edited and reviewed articles, working closely with authors and the editorial board to ensure accuracy, clarity, and adherence to guidelines.
- Developed compelling content on sustainability and business practices.

## **Teaching Experience**

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### **ECON 100: Macroeconomics**

*American University, Washington, DC, USA*

TEACHING ASSISTANT OF PROF. JON D WISMAN

*Fall 2025*

- Conduct lectures during discussion sessions, graded assignments and exams (class size above 100)

### **ECON 623: Applied Econometrics I**

*American University, Washington, DC, USA*

TEACHING ASSISTANT OF [DR. NATALIA RADCHENKO](#)

*Spring 2025*

- Taught students one-on-one in office hours, conduct in-class lectures and graded exams

### **ECON 322: Applied Econometrics I**

*American University, Washington, DC, USA*

TEACHING ASSISTANT OF [DR. PAUL SULLIVAN](#)

*Spring 2025*

- Taught students one-on-one in office hours, graded assignments and exams

### **ECON 373: Labor Economics**

*American University, Washington, DC, USA*

TEACHING ASSISTANT OF [DR. PAUL SULLIVAN](#)

*Spring 2025*

- Taught students one-on-one in office hours, graded assignments and exams

### **ECON 824: Advanced Econometrics**

*American University, Washington, DC, USA*

TEACHING ASSISTANT OF [DR. AMOS GOLAN](#)

*Fall 2024*

- Taught students one-on-one in office hours and graded exams

### **ECON 150: Economics for Business**

*American University, Washington, DC, USA*

TEACHING ASSISTANT OF [DR. MARY E. HANSEN](#)

*Spring 2024*

- Taught students one-on-one in office hours and graded exams

### **ECON 803: Microeconomic Analysis**

TEACHING ASSISTANT OF [DR. SUNH AH BAHK](#)

- Taught students one-on-one in office hours and graded exams

### **ECON 300: Intermediate Microeconomics**

TEACHING ASSISTANT OF [DR. SUNH AH BAHK](#)

- Taught students one-on-one in office hours and graded exams

### **ECON 200: Microeconomics**

TEACHING ASSISTANT OF [DR. DANIEL LIN](#)

- Graded exams and maintaining log files

### **ECON 100: Macroeconomics**

TEACHING ASSISTANT OF [DR. BERNHARD GUNTER](#)

- Taught students one-on-one in office hours and graded exams

*American University, Washington, DC, USA*

*Fall 2023*

*American University, Washington, DC, USA*

*Fall 2023*

*American University, Washington, DC, USA*

*Spring 2022*

*American University, Washington, DC, USA*

*Fall 2022*

## **Conferences & Workshops**

### **Fourth Global Carework Summit**

PRESENTED WORK ON IMPACT OF CLIMATE SHOCKS ON GENDER DIVISION OF LABOR

*Durham, NC, USA*

*February 2025*

### **Eastern Economic Association**

PRESENTED WORK ON IMPACT OF CLIMATE SHOCKS ON GENDERED LABOR SUPPLY

*New York City, NY, USA*

*February 2025*

### **Revaluing Care in the Global Economy Workshop, Duke University**

PRESENTED WORK ON CLIMATE SHOCKS AND WOMEN'S TIME POVERTY

*Duke University (virtually)*

*September 2024*

### **Levy Institute Gender Workshop**

PRESENTED WORK ON IMPACT OF CLIMATE SHOCK ON GENDER DIVISION OF LABOR

*Levy Institute, NY, USA*

*September 2024*

### **Eastern Economic Association**

PRESENTED WORK ON IMPACT OF CLIMATE SHOCK ON WOMEN'S UNPAID LABOR

*Boston, MA, USA*

*March 2024*

### **International Society for Ecological Economics, European Ecological Economics, and Degrowth**

PRESENTED WORK ON IMPACT OF CLIMATE EXTREMES ON HOUSEHOLD WELFARE IN MOUNTAINS

*virtually*

*July 2021*

### **Water Security and Climate Change Conference**

PRESENTED WORK ON IMPACT OF CLIMATE EXTREMES ON EARLY CHILD MARRIAGES

*Hanoi, Vietnam (virtually)*

*July 2021*

## **Awards & Scholarships**

- **Honorarium for Revaluing Care Working Paper Series**  
WITH REVALUING CARE NETWORK
- **4th Barbara Bergmann Graduate Fellowship for Gender Research**  
WITH DEPT. OF ECONOMICS
- **Graduate Merit Fellowship**  
WITH DEPT. OF ECONOMICS
- **Third Prize for Best Performance in the B.Sc. Economics program**  
WITH DEPT. OF ECONOMICS

*Duke University, Durham, NC, USA*

*October/November 2024*

*American University, Washington, DC, USA*

*May 2024 — Aug 2024*

*American University, Washington, DC, USA*

*Aug 2022 — Present*

*Lady Brabourne College, Kolkata, India*

*Dec. 2018*

## **Skills**

### **Coding Skills**

R, Stata, Python, ArcGIS, Google Earth Engine, TEX

### **Languages**

English (fluent), Bengali (native), Hindi (fluent)

## **References**

- Prof. **Kara Reynolds**, Dept. of Economics, American University, Washington, DC 20016, USA. Email Address – [reynolds@american.edu](mailto:reynolds@american.edu)
- Prof. **Mary E. Hansen**, Dept. of Economics, American University, Washington, DC 20016, USA. Email Address – [mhansen@american.edu](mailto:mhansen@american.edu)
- Prof. **Mieke Meurs**, Dept. of Economics, American University, Washington, DC 20016, USA. Email Address – [mmeurs@american.edu](mailto:mmeurs@american.edu)
- Prof. **Kelly M. Jones**, Dept. of Economics, American University, Washington, DC 20016, USA. Email Address – [kmjones@american.edu](mailto:kmjones@american.edu)