

# Md Belal Hossain

456 Social Sciences & Humanities, Oklahoma State University  
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## Education

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- 2023 PhD in Sociology, Oklahoma State University, (In Progress, Expected 2023)
- *Comprehensive Exam Areas:* 1) Environmental Sociology, 2) Social Inequality.
  - *Dissertation Title:* Ecological Intensity of Food Security: A Cross-National Study of Sustainability".
  - *Dissertation Committee:* Dr. Michael Long (Chair), Dr. Andrew Fullerton, Dr. Tamara Mix, Dr. Jared Fitzgerald, and Dr. Bailey Norwood.
- 2017 MA in Sociology, Middle Tennessee State University, Murfreesboro, TN, USA.
- *Thesis Title:* "Socio-structural forces predicting global inequality of water consumption: a cross national study and path model."
  - *Thesis Committee:* Dr. Angela Mertig, Dr. Foster Amey, Dr. Meredith Dye, and Dr. Vicky MacLean.
- 2011 BSS in Sociology, University of Dhaka, Bangladesh.

## Research and Teaching Interests

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Environmental Sociology	Quantitative Methods
Political Economy of Environmental Change	Social Inequality
Social Theory	Climate Change and Disaster
Environmental Racism	Food Security
Public Health	Water Resources and Society

## Publication

### Peer-Reviewed Journal Article

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- 2021 **Hossain, Md Belal**, Michael A. Long, Paul B. Stretesky. Welfare State Spending, Income Inequality and Food Insecurity in Affluent Nations: A Cross-National Examination of OECD Countries. *Sustainability* 2021, 13, 324. [Impact Factor 2.57].
- 2020 Rabby, Yasin Wahid, **Md Belal Hossain**, and Joynal Abedin. "Landslide Susceptibility Mapping in Three Upazilas of Ranganmati Hill District Bangladesh: Application and Comparison of GIS-based Machine Learning Methods." *Geocarto International* (2020): 1-24. [Impact factor 3.78].
- 2020 Uddin, Jalal, Najwa Alharbi, Md Helal Uddin, **Md Belal Hossain**, Serra Sevde Hatipoğlu, Leann D. Long, and April P. Carson. "Parenting stress and family resilience

affect the association of adverse childhood experiences with children's mental health and attention-deficit/hyperactivity disorder." *Journal of Affective Disorders* (2020). [Impact Factor 4.08].

2020 **Hossain, Md Belal** and Angela G. Mertig. "Socio-structural forces predicting global water footprint: Socio-hydrology and ecologically unequal exchange." *Hydrological Sciences Journal* 65(4), 495-506. [Impact Factor = 2.18].

2019 Rabby, Yasin Wahid, **Md Belal Hossain**, and Mahbub Ul Hasan. "Social vulnerability in the coastal region of Bangladesh: An investigation of social vulnerability index and scalar change effects." *International Journal of Disaster Risk Reduction* (2019): 101329. [Impact Factor = 2.57].

### Book Chapter

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Forthcoming **Hossain, Md Belal**. "Race and Environmental Inequality." In *Handbook of Inequality and the Environment*. Michael A. Long, Michael J. Lynch, and Paul B. Stretesky (eds.). Edward Elgar Publishing.

### Book Review

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2019 Hossain, Md Belal. "Dust Bowls of Empire: Imperialism, Environmental Politics, and the Injustice of Green Capitalism." *Journal of World-Systems Research* 25, no. 2 (2019): 493-495.

### Research Experience

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2020-2022(Summer) Graduate Research Assistant, Department of Sociology, Oklahoma State University.

2021 Graduate Research Assistant. "Building Resilience in Rural Communities": Rural Renewal Initiative (Oklahoma State University). \$99,950. Dr. Kristin Olofsson, Department of Political Science, Oklahoma State University.

2016(Summer) Graduate Research Assistant, Department of Sociology, Middle Tennessee State University.

### Instructor of Record

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2021-- Introduction to Sociology, Oklahoma State University. Taught 3 times.

2017 – 2019 Introduction to Sociology, The University of Tennessee, Knoxville. Taught 5 times.

### Teaching Assistant and Tutor

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2019 Fall –2020 Spring Teaching Assistant, Quantitative Methods in Sociology, Oklahoma State University.

2017 Spring	Teaching Assistant, Senior Seminar, Middle Tennessee State University, Sociology (MTSU).
2016 Fall	Teaching Assistant, Introduction to Sociology, Sociology, MTSU
2015 – 2017	Departmental Tutor, Data Analysis and Social Statistics, Sociology, MTSU
2015 -2016	Teaching Assistant, Data analysis class.

## Conference Presentations

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- 2022 Hossain, Md Belal. " "Women’s Political Representation, Neoliberalism, and Sustainable Development: A Cross-National Panel Study, 2000-2015”. Annual Meeting of The Society for the Study of Social Problems. Los Angeles, CA.
- 2022 Hossain, Md Belal. " Gender Inequality and Sustainable Development: A Cross-National Study of Least-Developed Countries (LDCs), 2010-2015." Annual Meeting of the Midwest Sociological Society. Chicago, IL.
- 2021 Hossain, Md Belal, Michael A. Long, and Paul B. Stretesky. " Welfare State Spending, Income Inequality and Food Insecurity in Affluent Nations: A Cross-National Examination of OECD Countries." Annual Meeting of the Midwest Sociological Society.
- 2020 Hossain, Md Belal. “Social Inequality and Hypertension Prevalence in the Context of Groundwater Salinity in Coastal Bangladesh”. Research Week: 2020 Sociology Research Symposium, Stillwater, OK.
- 2019 Hossain, Md Belal. “Science, technology and ecological footprint: a cross-national quantitative investigation.” Annual Meeting of the Southern Sociological Society, Atlanta, GA.
- 2017 Hossain, Md Belal. “Socio-structural forces predicting global inequality of water consumption: a cross national study and path model”. Mid-South Sociological Association Annual meeting, Chattanooga, TN.
- 2016 Wallace, Brandon and Belal Hossain. “The Effect of Enrollment in an Introductory Sociology Class on Students’ Positions on Social Issues”. Annual Meeting of the Southern Sociological Society, Atlanta, GA.

## Membership

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2022--	American Sociological Association
2022--	Society for the Study of Social Problems
2020--	Mid-West Sociological Society
2019	Southern Sociological Society
2018	Mid-South Sociological Association

## Awards/ Grants/ scholarship

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- 2022 Lee Student Support Fund, The Society for the Study of Social Problems.

- 2022 Student Participation Grant, Midwest Sociological Society.
- 2021 3<sup>rd</sup> place winner, Alpha Kappa Delta Sociology Honor Society (AKD) graduate student paper competition.
- 2021 Richard Dodder Scholarship. Oklahoma State University.
- 2021 Student Participation Grant, Midwest Sociological Society.
- 2019 Graduate Senate Travel Award, University of Tennessee, Knoxville.
- 2017 Graduate Senate Travel Award, University of Tennessee, Knoxville.
- 2017 Innovation and progress grant, Department of Sociology, University of Tennessee, Knoxville. \$1300.

## **Service**

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- 2020-2021 Secretary, Alpha Kappa Delta. Department of Sociology, Oklahoma State University.
- 2019 (Fall) Sociology Graduate Student Association– SGSA Representative for Graduate and Professional Student Government Association (GPSGA) Meetings. Department of Sociology, Oklahoma State University.
- 2009 –2011 UNEP TUNZA national Youth Adviser for Bangladesh, United Nations Environment Programme (UNEP), Regional Office for Asia and Pacific
- 2012- 2013 UNEP TUNZA Youth Mentor, United Nations Environment Programme (UNEP) Regional Office for Asia and Pacific.

## **Statistical and Teaching Related Workshop**

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- 2022 Longitudinal Data Analysis Workshop, by Ryan P. Thombs, Sociology, Boston College.
- 2021 Data Carpentry R for Social Sciences Workshop, Oklahoma State University.
- 2021 Alpha Kappa Delta Graduate Student Teaching Workshop, Annual Meeting of the Midwest Sociological Society.
- 2021 Survival Analysis Workshop organized by Isaac J. Washburn, Oklahoma State University.

## **Journal Reviewer**

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City & Community

## **Software Skills**

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SPSS, STATA, SAS, ArcGIS, R

## References

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