

Maliha Mahbub

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Education

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| August 2022- Present | Master of Science in Sociology,
College of Arts and Science,
Oklahoma State University (OSU), Stillwater, Ok. |
| January 2017-March 2021 | Bachelor of Social Science (BSS),
Program: Disaster and Human Security Management (DHSM),
Faculty of Arts and Social Science (FASS),
Bangladesh University of Professionals (BUP), Bangladesh.

Final Research Project- Health Risks in Urban: A Study on Nexus of the Waste Management, Hygiene and Health, and Risk Perception of Waste Collectors of Mirpur, Dhaka City. (Supervisor: Assistant Professor Salit Chakma. |

Research Interests

Environmental Sociology, Climate Change, Disaster Management,
Social Sustainability and Development, Environmental Justice,
Public Health, Social Inequality etc.

Research Experience

- Title: Earthquake Knowledge and Risk Perception of RMG workers in Dhaka City. (Summer, 2022)**
Researcher: Maliha Mahbub, Advisor: Dr. Md Abdul Baqee
 - The study seeks the earthquake-based knowledge and risk perception of RMG workers in Dhaka city and determined the risk reduction strategies of RMG workers.
- Discrepancies in Access to Quality Parks and Recreational Facilities in New York City. (Spring, 22)**
 - Supervised the whole research as a Principal Investigator (PI). Co-PI: Shreyas Pannase, Fatema Tuz Zohora. (Affiliated with International Socioeconomics Laboratory).
 - The study investigated discrepancies in park quality across communities in New York City measures based on various socioeconomic factors. Got the first prize award in International Socioeconomics Laboratory symposium 2022)
- Title: Disaster Risk Reduction Intervention in Residential Area: A Case Study of Mirpur-12, in the New Age of Sustainable Development. (2019)**
Authors: Farhana Rabbi, Jannate Mehjabin, Maliha Mahbub
 - Paper presented in the conference of 'DRR Exposure & Opportunities 2019,' main objective was to find out the risk and vulnerabilities faced by the city residents with a view to evaluate the importance of DRR Intervention.

4. **Title: DRR Intervention in Coastal Area of Bangladesh (Maijdee, Shubarna Char, Hatiya Bazar, Tankir Char). (2019)**
 - The main aim was to identify the strategies and initiatives taken by government and NGOs for disaster risk reduction approaches in our study area, and to find out communities' perspectives on existing strategies.

5. **Title: An Assessment of Environmental Change and its impacts on Communities' Condition and DRR Intervention Activities: A Study of Lawachara Reserved Forest and Finlay Tea Garden, Sreemangal. (2019)**
 - The main aim was to assess the environmental effect in study area with the way point mapping by GPS for location tracking. And also, this study aimed to detect the environmental change in vegetation cover and its impacts on tea worker community. The study recommended DRR intervention among rural communities.

6. **Title: Assessing Diverse Impacts of Dhaka Metrorail Project using Participatory Rural Appraisal (PRA) Tools: A study of Dhaka city. (2019)**
 - The main aim was to identify and assess the overall impact including environmental, social, economic, health impacts of the metro rail construction work zone and this paper used Spider Diagram, Pairwise Ranking and Force Field Analysis to determine community's perception on the impact of metro rail project.

7. **Title: Waste Generation, Sustainable Sanitation and Water System in Vashantek slum community: A Study on Urban Slum Area, Dhaka City. (20180)**
 - The main goal was to estimate the waste generation issues and identifying the root causes behind the lack of pure drinking water in study area.

Publications

1. Title: Sociocultural Factors and Gender Role in Female Education: A Phenomenal reviewed Study of Rural Bangladesh. (2022)

Mahbub, M. (2022). Sociocultural Factors and Gender Role in Female Education: A Phenomenal reviewed Study of Rural Bangladesh. Available at SSRN 4013668.

2. Title: An Assessment of the Effects of Food Options (Halal/Kosher/Vegetarian): A Study on NYC Public Schools. (Supervised this research as a PI. 1st place in International Socioeconomics Laboratory symposium 2021)

Jashim, S., Joshi, A., Avvakumova, K., Cisse, A., Sun, E., Nasrin, S., Gupta, Y. and **Mahbub, M.** (2021). An Assessment of the Effects of Halal, Kosher, and Vegetarian Food Options in NYC Public Schools. Kosher, and Vegetarian Food Options in NYC Public Schools (September 11, 2021).

3. Title: Vulnerability, Resilience and Perception of Women in Urban Disasters: A Case Study of Mirpur 12, Dhaka. (2020)

Mehjabin, J., Sultan, S.B., **Mahbub, M.** (2020). Vulnerability, Resilience and Perception of Women in Urban Disasters: A Case Study of Mirpur 12, Dhaka. International Conference on Earth and Environmental Sciences on Technology for Sustainable Development (ICEEST).

- Abstract published and certified in poster presentation segment in International Conference on Earth and Environmental Sciences on Technology for Sustainable Development, (ICEEST 2020).

Professional Involvement

- **Graduate Teaching Assistant (GTA)**, Department of Sociology, Oklahoma State University (OSU), Stillwater, Ok (August 2022- Present)
- **Senior Executive (Assistant Lead)** in Shikho Technologies Bangladesh Ltd. (April 2022- July 2022)
- **Research Associate** in Bangladesh Youth Enterprise Advice & Helpcentre (B'YEAH) (February 2022- March 2022)
- **Principal Investigator** in International Socioeconomics Laboratory, New York, United States (June 2021- April 2022)
- **Volunteering**
 - ✓ Asian Environment Youth Network- Environmental Activist (Since August 2021)
 - ✓ Climate Reality Project- Climate Reality Leader (Since October 2021)

Participation and Training

- Certified in 'Climate Reality Leadership Corps' Virtual Training by Climate Reality Project (2021).
- Accomplished certified training on 'Fire Safety Code and Compliance' by EngineerShop BD (2020).
- Accomplished certified training on 'Introduction to Emergency Management' a joint program by 'Ministry of Disaster Management and Relief' and 'Bangladesh Urban Resilience Project' (2020).
- Participated and certified in Disaster Response Exercise & Exchange (DREE) Bangladesh-2019, organized by Bangladesh Armed Forces Division.

Volunteering and Extracurricular Activities

- Joint Secretary, Quizzers Society of BUP (2020-2021)
- Secretary of Documentation, BUP Global Affairs Council (2020-2021)
- Assistant Secretary General (ASG), BUPIMUN-2019
- Event Management Secretary, BUP Research Society (2019)
- Head of Social Affairs, BUP Photographic Society (2019)
- Three Photographs exhibited in different National Photography Contests of Bangladesh (2018-2019)
- Conference Officer, BUP Model United Nations (2018)
- Participated and certified in BUP Intra Model United Nations (2018)

Awards and Scholarships

- Scholarship from the department for outstanding results in Undergraduate Program (three times)
- Awarded with Dean's Letter of Appreciation for remarkable results (Four times).
- 2nd Runner up award in Liberation war quiz in Intra BUP Quiz Festival by QSBUP (2017)

Skills

- Software skills: ArcGIS, QGIS, SPSS, ENVI Software, MS office
- Others: Project Management, Documentation etc.