

Salvesila Tamima

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EDUCATION:

- 2022-present ***Doctor of Philosophy (Ph.D.) in Disaster Science and Management***, University of Delaware (Expected graduation 2027)
- 2022 ***Master of Science in Emergency Management and Disaster Science***, University of North Texas
- 2019 ***Bachelor of Disaster Management***; Institute of Disaster Management and Vulnerability Studies, University of Dhaka

RESEARCH EXPERIENCE:

- Aug 2022-present ***Graduate Research Assistant***, Disaster Research Center, University of Delaware.
Projects: 1. Floodplain Management in the United States: Where, Why, and How Policies Have Shaped Flood Exposure Outcomes (Funded by National Science Foundation Humans, Disasters, and the Built Environment program), Advisor: Dr. A.R. Siders [[Project website](#)]

2. Coastal Hazards, Economic Prosperity & Resilience (Funded by National Science Foundation Coastlines and People program) [working in the government and household thrust] [[Project website](#)]

3. Retreating from Risk (RFR): Decision-Supports for the Equitable Implementation of Retreat to Build Climate Resilience [collaboration] [[Project website](#)]
- Jan 2021-Aug 2022 ***Graduate Research Assistant***, Department of Emergency Management and Disaster Science, University of North Texas
Project: COVID-19 Impact on Texas Museums, Heritage Sites, Parks, and Protected Places (Funded by Gulf Research Program, National Academy of Sciences), Advisor: Dr. Elyse Zavar
- Nov 2018-Feb 2019 ***Research Intern***, Ministry of Disaster Management and Relief, Government of Bangladesh
Responsibilities: Conducted a research study on Government's disaster risk reduction projects in Kazipur, Sirajganj. Research findings and

recommendations have been incorporated in the revised Standing Orders on Disaster (SoD) of Bangladesh.

- 2018 **Research Assistant**, Institute of Disaster Management and Vulnerability Studies, University of Dhaka
Project: REACH: Improving Water Security for the Poor
- 2016 (June-Aug) **Research Assistant**, Institute of Disaster Management and Vulnerability Studies, University of Dhaka.
Project: Assessing Vulnerabilities and Resilience of Persons with Disabilities during Disasters: Case Study through Gender Lens (Funded by Ministry of Disaster Management and Relief, Government of Bangladesh)

PUBLICATIONS:

- 2024 Siders, A. R., Niemann, J., Hino, M., Shields, E., Pecharroman, L. C., Doeffinger, T., Gerber-Chavez, L., Huang, J.-C., Lafferty, A., **Tamima, S.**, Williams, C., Agopian, A., Samoray, C., Mach, K. J. (2024). How local governments avoid floodplain development through consistent implementation of routine ordinances, plans, and programs. *Oxford Open Climate Change*, 4(1), kgae017. <https://doi.org/10.1093/oxfclm/kgae017>
- 2024 **Tamima, S.**, Zavar, E., Lavy, B. L., Schumann III, R. L. (2024). A range of pandemic adjustments: Changes to Texas heritage site business operations during the COVID-19 pandemic. *Sustainability*, 16(7), 1260. <https://doi.org/10.3390/su16072860>
- 2023 Lavy, B. L., Zavar, E., & **Tamima, S.** (2023). Heritage as businesses: COVID-19 disruptions to Texas museums, heritage sites, parks, and protected places, and their responses to evolving guidance. *International Journal of Geoheritage and Parks*, 11(4), 652-668. <https://doi.org/10.1016/j.ijgeop.2023.11.004>

AWARDS AND SCHOLARSHIPS:

- 2025-2026 Doctoral Fellowship for Excellence, Awarded by University of Delaware Graduate College
- 2023 Recipient of Gilbert F. White Thesis Award (Hazards, Risks, and Disasters Specialty Group, American Association of Geographers)

2023	Winner of Jeanne X. Kasperson Student Paper Competition (Hazards, Risks, and Disasters Specialty Group, American Association of Geographers' (AAG) annual meeting)
2022	2 nd place, Middle States Division American Association of Geographers Graduate Student Paper Competition (MSAAG annual meeting)
2022	Winner of Jeanne X. Kasperson Student Paper Competition (Hazards, Risks, and Disasters Specialty Group, AAG annual meeting)
2018	Scholarship for Excellent Performance in undergraduate studies, University of Dhaka

CONFERENCE PRESENTATIONS:

2026	Managed Retreat Beyond Homeowners: Policy Insights from Houston's Multifamily Voluntary Buyout Program (Natural Hazards Workshop Researchers Meeting)
2025	Managed Retreat Compensation Schemes: Comparative insights from the USA and Canada (AAG Annual Meeting)
2023	Adjustments to the COVID-19 Pandemic: An Analysis of Texas Natural and Cultural Heritage Sites' Operations (48 th Natural Hazards Workshop, Session: Hazards and Disaster Research by New Professionals)
2023	Texas Heritage Sites' Adjustments to the COVID-19 Pandemic (AAG Annual Meeting)
2022	Exploring Pandemic-Induced Adjustments to Business Operations among Natural and Cultural Resource Sites in Texas (MSAAG Annual Meeting)
2022	The Experiences of Texas Preservation and Conservation Sites during the COVID-19 Pandemic: Opportunities and Challenges for Public versus Private Entities (AAG Annual Meeting)

TRAINING AND CERTIFICATIONS:

2024	Human Mobility in the Context of Climate Change, by GIZ and UNU EHS
2022	Responsible Conduct of Research, CITI Program course
2022	Human Subject Protections, CITI Program course
2021	Social & Behavioral Research, CITI Program course
2020	Institutional Review Board (IRB) Procedures and Extreme Events Research, CONVERGE training module, Natural Hazards Center

2020	Social Vulnerability and Disasters, CONVERGE training module, Natural Hazards Center
2020	Cultural Competence in Hazards and Disaster Research, CONVERGE training module, Natural Hazards Center
2020	Disaster Mental Health, CONVERGE training module, Natural Hazards Center
2016	Training of Trainers (TOT) on Open Street Map (OSM), conducted by Bangladesh Red Crescent Society
2015	Training on Emergency First Aid conducted by Youth Ending Hunger Bangladesh

SKILLS:

Software Skills:

- Microsoft Office Suite: MS Word, MS Excel, MS PowerPoint
- SPSS (Data Entry & Analysis)
- Atlas.TI
- ArcMap

Language Skills:

- Bangla (Native language)
- English (Fluent working proficiency)
- French (Basic short course, Institute of Modern Language, University of Dhaka)

PROFESSIONAL MEMBERSHIPS:

2023-present	The National Hazard Mitigation Association
2023-present	Association of State Floodplain Managers
2023-present	Association for Public Policy Analysis & Management
2022-present	American Society of Adaptation Professionals
2022-2024	International Association of Emergency Managers
2022-present	Natural Hazards Engineering Research Infrastructure (NHERI) Graduate Student Council
2021-present	American Association of Geographers

SERVICES:

2026	Volunteer, 7th National Adaptation Forum
2025-26	Organizing committee member, Hazards, Risks, and Disasters Specialty Group, American Association of Geographers' Annual Meeting 2026

2024-25	Multiple Session Organizer, American Association of Geographers' Annual Meeting 2025
2024-2026	Co-Director, American Association of Geographers' Hazards, Risks, and Disasters Specialty Group
2024	Volunteer, Disaster Research Workshop: Innovating for an Imagined Disaster Future
2022-2024	Elected Student Representative, American Association of Geographers (Hazards, Risks, and Disasters Specialty Group)
2022	Volunteer, 5 th National Adaptation Forum
2022	Student Volunteer, Disaster PRIMR 2022: Collaborating for Change
2021	Student Volunteer, 46th Annual Natural Hazards Workshop and Researchers Meeting
2017	Rapporteur, 1st National Convention on Disaster Management, Bangladesh
2017	Conducted a workshop entitled 'Fire Rescue and Resilience' for the members of New Nagar Multipurpose Co-operative Society, Keraniganj Area, Bangladesh.
2016-2019	Member and Undergraduate Researcher, Dhaka University Research Society (Gender and Development Team)
2015-2017	Human Resources Executive - Dhaka University Cultural Society