Mahnaz Sarker Meem

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Google Scholar | ResearchGate | Portfolio | GitHub | LinkedIn

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EDUCATION

2028 (Expected)	PhD Student	Geography & Sustainability	University of Tennessee, Knoxville (UTK), USA
2021	M.S.	Landscape Ecology & Nature Conservation	University of Greifswald, Germany
2014	M.S.	Physical Geography	University of Dhaka, Bangladesh
2013	B.S.	Geography & Environment	University of Dhaka, Bangladesh

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PROFESSIONAL POSITIONS

2024–2025	Graduate Teaching Associate, Department of Geography & Sustainability, UTK, USA
	GEOG206: Sustainability: Principles and Practices
	GEOG311: Geovisualization and Geographic Information Science
2024	Graduate Research Assistant, Department of Geography & Sustainability, UTK, USA
2023–2024, 2025	Graduate Teaching Assistant, Department of Geography & Sustainability, UTK, USA
	GEOG131: Weather, Climate & Climate Change (Lab Instructor)
	GEOG200: Environmental Issues in National Parks
	GEOG331: Natural Hazards
2023	Trainee Data Engineer, Brain Station 23 PLC., Bangladesh
2022	Data Analytics Bootcamp Trainee, Ironhack, Germany
2020–2021	Research Assistant, Institute of Botany, University of Greifswald, Germany
2016–2018	Research Assistant, Asiatic Society of Bangladesh, Dhaka, Bangladesh

AWARDS & HONORS

2025	Award for Excellence in Graduate Student Teaching, Department of Geography & Sustainability, UTK
2024	Third place, TennesseeView Remote Sensing Student Paper Competition at TNGIC Annual Conference. $100
2024	Award for Excellence in Graduate Student Teaching, Department of Geography & Sustainability, UTK
2024	Student Travel Grants. Graduate Student Senate (GSS), USA. $450
2024	College Reallocated Funds, Department of Geography & Sustainability, UTK. $1249.5
2022	Champion, Data Analytics Hackathon, Ironhack, Germany. €50
2016	Climate Champion, Bangladesh Delta Plan 2100 National Essay Competition, ICCCAD. 20,000 BDT (~$200)

FELLOWSHIPS & SCHOLARSHIPS

2024	TNView Fellowship. TennesseeView, USA. $500
2024	TNGIC student fellowship award, TNGIC, USA. $200
2024	One-time graduate fellowship, Department of Geography & Sustainability, UTK, USA. $1500
2023	The Graduate Fellowship, Department of Geography & Sustainability, UTK, USA. $3000/year (continued)
2020	DAAD STIBET Scholarship, The German Academic Exchange Service, Germany. €865/month for 6 months
2018	DAAD Scholarship (Master's Program), The German Academic Exchange Service, Germany. €850/month for 2 years with additional benefits
2014	National Science and Technology (NST) Fellowship, The Ministry of Science and Technology, Bangladesh. 50,000 BDT (~$500)
2013	Merit Scholarship, University of Dhaka, Bangladesh. 5,000 BDT (~$50)

TRAININGS AND CERTIFICATIONS

| 2022 | Data Analytics Bootcamp, Ironhack, Europe |
| 2022 | Foundations of Project Management, Google Professional Certifications via Coursera, Online |

2018	Advanced GIS Specialization, University of Greifswald, Germany
2018	Workshop on Adaptive Management using the CMP Open Standards for Conservation Practices, University of Greifswald, Germany
2017	Oceanography: Principles and Applications, National Oceanographic and Maritime Institute, Bangladesh
2016	Knowledge Development Training on "Climate Change", C3ER, BRAC University, Bangladesh
2015	GIS Professional Training for Multiple Discipline using ArcGIS, Erdas Imagine and HEC-GeoRAS, Tracking and Survey Solutions, Bangladesh

PUBLICATIONS

| 2017 | Islam, M.S. and **Meem, M.S.** (2017) Pollution of Water and Bottom Sediments in the South-Western Shelf Zone of Bangladesh, Journal of NOAMI, Vol.-34 |

CONFERENCE PROCEEDINGS AND PRESENTATIONS

| 2024 | Temporal Dynamics of Land Use and Cover in Knox County, Tennessee: A Geospatial Analysis Using NLCD and Geemap. *TNGIC Annual Conference*. Burns, TN 37029, USA |
| 2016 | **Meem, M.S.**, Islam, M.S., and Debnath, P. (2016) Subsidence in the Coastal Belt of Bangladesh and Its Implication to Coastal Dynamics and Ecosystem. In Islam, M.S. and Khalequzzaman M. (eds) Coastal and Marine Environment of Bangladesh, BAPA-BEN, 67-81. (Paper presented at the Special Conference on Coastal and Marine Environment of Bangladesh, KIB Complex.) |

COURSES TAUGHT AT THE UNIVERSITY OF TENNESSEE, KNOXVILLE

2025	GEOG331	Graduate Teaching Assistant	Natural Hazards
2025	GEOG200	Graduate Teaching Assistant	Environmental Issues in National Parks
2025	GEOG206	Graduate Teaching Associate	Sustainability: Principles & Practices

| 2024 | GEOG311 | Graduate Teaching Associate | Geovisualization and GIS |
| 2023-2024 | GEOG131 | Graduate Teaching Assistant | Weather, Climate & Climate Change |

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

● Southeastern Division of the American Association of Geographers, 2025
● American Association of Geographers, 2024–Present