

S M Toufiqul Huq Sowrov

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Experience

Graduate Research & Teaching Assistant, Department of Public Administration, NC State University, Raleigh, NC August 2024 – present

- Investigating the relationship between renewable energy adoption, sustainability metrics, and local governance structures in ongoing academic research.
- Teaching as an instructor in a Political Science course for undergraduate students focusing on American Politics and Public Policy.
- Analyzing the moderating effect of technology on governance performance to improve Sustainable Development Goals (SDGs) implementation in Least Developed Countries (LDCs).
- Investigating the impact of International NGO localization on climate change policy, ESG metrics, and overall financial sector performance in Bangladesh.

Joint Director, Bangladesh Bank (central bank of Bangladesh), Dhaka, Bangladesh September 2014 – present

- Currently on deputation to pursue PhD program
- Pioneered a low-carbon finance initiative of US\$83.33 millions by leading a team to implement fast-track funding for energy-efficient industrial processes.
- Executed a high-profile Green Climate Fund (GCF) grant project and developed research-based policy recommendations for the national banking industry.
- Coordinated communication as the focal point between the GCF funding agency and diverse local stakeholders to ensure project alignment and successful delivery.

Education

North Carolina State University, PhD in Public Administration August 2024 – May 2027 to December 2027

- **Coursework:** Quantitative Analysis, Research Tradition in Public Administration, Foundation of Public Administration
- CGPA: 3.89

University of International Business and Economics, Beijing, China, Master's in Economics August 2018 – June 2020

- **Coursework:** Microeconomics, Macroeconomics, Econometrics, International Trade Theory and Practice, International Business Theory and Practices, International Marketing.
- CGPA: 3.68

University of Dhaka, Bangladesh, Master's in International Relations November 2011 – October 2012

- **Coursework:** International Political Economy, International Security, Peace & Conflict.
- CGPA: 3.38

Major achievements

- Modernized existing sustainable finance policy and monitoring systems by incorporating learning from empirical studies.
- Formulated policy guidelines to stimulate sustainable financing in Bangladesh to achieve the Net Zero target and other climate pledges.
- Awarded MOFCOM Scholarship by the Government of China (2018) for Master's in Economics.
- Third Prize Awarded for Academic Excellence in Academic Year 2018-2019.

Seminar Presentations

- 54th North Carolina Political Science Association Conference 2025 at Meredith College, Raleigh, NC**
Presentation Topic: *How Smart Governance Impacts the Achievement of Sustainable Development Goals in Least Developed Countries*

Projects

Trade Openness, Tariffs, and Economic Growth: An Empirical Study from Countries of G-20 2020

- Empirical study of trade openness, tariffs on trade, and economic development. The study covered countries of G20, a group of countries of leading economies of the world. The findings revealed a noteworthy and positive connection between trade openness and economic growth. Additionally, the analysis indicated that tariffs are associated with a negative impact on economic growth, particularly in a lagged model.
- Tools Used: Statistical software (Stata) and Microsoft Office (Word, Excel)

Smart Governance and Performance of Sustainable Development Goals in LDCs 2024

- An ongoing research project to examine the technology's moderating effect on governance performance and correlation to the performance of SDGs in LDCs
- Tools Used: Statistical Software (R and Stata), Microsoft Office (Word, Excel)

Transnational NGO and Local NGO Cooperation in Addressing Climate Change 2025

- An ongoing research proposal examines cooperation between transnational NGOs (TNGOs) and local NGOs (LNGOs) to enhance climate change responses through localization. Drawing on stewardship theory and resource dependency theory, it posits that trust fosters empowered structures where LNGOs lead initiatives, while resource dependencies and external pressures (e.g., funding scarcity, crises) drive partnerships.
- Tools Used: Statistical Software (R and Stata), NVivo, Qualtrics, Microsoft Office (Word, Excel), Google Colab

Environment, Social and Governance (ESG) Adoption in Bangladesh Banking Industry: Financial Implications and Legitimacy 2025

- An ongoing research study investigates the financial and legitimacy consequences of Environmental, Social, and Governance (ESG) adoption by privately owned commercial banks in Bangladesh. Drawing on institutional and resource dependence theories, it examines how coercive pressures from regulatory guidelines, mimetic forces among peer institutions, and normative expectations from stakeholders drive ESG integration in banking.
- Tools Used: Statistical Software (R and Stata), Microsoft Office (Word, Excel), Google Colab

Technical Skills

Languages: Statistical Software (R & STATA), Online Database and Analytics e.g., Google Colab and Microsoft Azure