

# DEBJANI DAS

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## EDUCATIONAL QUALIFICATION

<b>PhD, Geography</b> Unioversity of Florida <b>Dissertation Title:</b> The Impact of Human Mobility on Business Dynamics::A Geospatial Analysis	<b>2022-Present</b>
<b>Master of Science, Geography and Environment</b> Shahjalal University of Science and Technology, Sylhet-3114. <b>Thesis Title:</b> Understanding the Effects of Cement Factory Operation on Environment and Human Health around the Industrial Sites at Chhatak, Sunamganj.	<b>2018</b>
<b>Bachelor of Science, Geography and Environment</b> Shahjalal University of Science and Technology, Sylhet-3114 <b>Project Title:</b> Impact on Environment and Socio-Economic Condition due to Industrialization: A Case Study at Olipur Industrial Area, Habiganj. <b>CGPA:</b> 3.75 out of 4.00 <b>Grade:</b> A (with distinction)	<b>2016</b>

## RESEARCH INTERESTS

- Geospatial Techniques
- Network Analysis
- Environmental Analysis and Impact Assessment

## PROFESSIONAL EXPERIENCE

<b>IELTS Instructor</b> Learning Point, Bishwanath 3130, Sylhet, Bangladesh.	<b>2020-Present</b>
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## PUBLICATION

- **Das, D., & Mao, L.** (2025). Mapping large-scale brand networks: A consumers' foot traffic-based approach. *Applied Geography*, 177, 103546.
- **Das, D., Hasan, M., & Howladar, M. F.** (2023). Topsoil heavy metals status and potential risk assessment around the cement factories in Chhatak, Bangladesh. *Environment, Development and Sustainability*, 25(6), 5337-5362.
- **Hasan, M. M., Basak, R., Sujan, M. H., Kabir, M. N., Das, D., Aritro, S. S., & Howladar, M. F.** (2021). An Assessment of the Impact of Industrialization on Physical Environment and Socio-economic Conditions around the Alipur Industrial Area, Bangladesh. *American Journal of Agricultural Science, Engineering and Technology*, 5(2), 309-325.
- **Howladar, M. F., Hossain, M., Anju, K. A., and Das, D.** (2021). Ecological and health risk assessment of trace metals in water collected from Haripur gas blowout area of Bangladesh. *Scientific reports*, 11(1), 1-15.

## RESEARCH EXPERIENCE

- **Research Assistant** **2019-2021**  
*Bangladesh Bureau of Educational Information and Statistic (BANBEIS)*  
*Grant of Advance Research in Education (GARE)*  
**Project Title:** Measurement of Ecological Footprint Account and Biocapacity to Achieve the Sustainable Development Goals: A Study at the Hour Basin of Northeastern Region of Bangladesh.
- **Interviewer** **2019**  
*Friends in Village Development Bangladesh*

**Project Title:** Mamota Project (Qualitative Study)

- **Research Assistant** **2018**  
*SUST Research Center, Research Grant 2018-19*  
**Project Title:** Assessment of Ecological Threat to the Coastal Wetlands of Bangladesh: The Case Study at Sonadia Islands, Cox's Bazar.
- **Research Assistant** **2017**  
*SUST Research Center, Research Grant 2017-18*  
**Project Title:** An Assessment of Environmental and Social Impact of Alipur Industrial Area, Habiganj

#### CONFERENCE/WORKSHOP/TRAINING

- **SEDAAG 2023 & AAG 2024:** Mapping Large-scale Brand Networks: A Consumers' Foot Traffic-based Approach
- **1st International Conference on Energy and Environment**, 2018 organized by Department of Petroleum and Mining Engineering, Shahjalal University of Science and Technology, Sylhet-3114. Presented paper: **"An Assessment of Environmental and Social Impact of Alipur Industrial Area, Habiganj"**.
- **"Research Techniques in Social Sciences"** (August 28, 2019-October 14, 2019)- a training course organized by SUST Research Centre and sponsored by the Social Science Research Council, Ministry of Planning, Government of Bangladesh.
- **International Conference on Earth and Environmental Sciences and Technology for Sustainable Development, 2020** organized by the Faculty of Earth and Environmental Sciences, University of Dhaka.

#### GRANTS and AWARDS

- **National Science and Technology (NST) Fellowship 2018-2019**  
Ministry of Science and Technology, Bangladesh on the merit of MS thesis proposal.
- **University Merit Scholarship 2013-2016**  
Shahjalal University of Science and Technology, Sylhet, Bangladesh

#### TECHNICAL SKILLS

- **GIS-** Arc Pro, ArcGIS
- **Remote Sensing-** Google Earth Engine, Erdas Imagine
- **Language-** Python, R
- **Others-** Microsoft Office, SPSS

#### LANGUAGE PROFICIENCY

- **Bengali:** Native Speaker
- **English:** Fluent

#### EXTRA-CURRICULAR ACTIVITIES

- **Vice President**, GEE Society, Department of Geography and Environment, Shahjalal University of Science & Technology, Sylhet, Bangladesh. **2018- 2019**
- **Volunteer, National Go Green Summit 2013** Department of Geography and Environment, Shahjalal University of Science & Technology, Sylhet, Bangladesh. **2013**