

Name: Aishia Fyruz Aishi

Designation: Lecturer

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EDUCATION

M. S. in Disaster Science and Management

University of Dhaka, 2020

CGPA 3.99/4.00 (Merit position – 1st)

B. S. in Disaster Science and Management

University of Dhaka, 2019

CGPA 3.78/4.00 (Merit position – 4th)

Higher Secondary Certificate

Viqarunnisa Noon School and College, 2015

GPA 5.00/5.00

Secondary School Certificate

Viqarunnisa Noon School and College, 2013

GPA 5.00/5.00

EMPLOYMENT

March 2023 – Present

Lecturer

Department of Meteorology

University of Dhaka

February 2022 – February 2023

Research Associate

Department of Disaster Science and

Climate Resilience

University of Dhaka

LIST OF RECENT PUBLICATIONS

Journal Articles

1. **Aishi, A. F.**, & Hasan, K. (2022). Time-series analysis of landcover dynamics and their relation with coastline migration along Kuakata coast, Bangladesh using remote sensing techniques. *Geology, Ecology, and Landscapes*. <https://doi.org/10.1080/24749508.2022.2097374>
2. **Aishi, A. F.**, Hasan, K. & Khandakar, A. (Accepted: January 25, 2023). Spatiotemporal Analysis of 2020 Monsoon Floods and Its Impacts along Selected Reaches of the Padma River, Bangladesh. *International Journal of River Basin Management*. <https://doi.org/10.1080/15715124.2023.2187401>

ACADEMIC AWARDS AND GRANTS

1. National Science and Technology Fellowship (MS), Ministry of Science and Technology, 2021-22
 2. Kabi Sufia Kamal Hall Trust Fund Talentpool Scholarship, University of Dhaka, 2020
 3. IFIC Bank Trust Fund Research Grant, 2019-20
 4. The Gold (2022), Silver (2019) and Bronze (2018) Standards of the Duke of Edinburgh's International Award
 5. Project Grant Winner in "She Leads She Inspires" Program organized by Open Mapping Hub – Asia Pacific, 2022
 6. Co-winner in “Youth Challenge Fest” Idea Competition organized by Oxfam in Bangladesh, 2018
 7. Higher Secondary Certificate Scholarship from Dhaka Board, 2015
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Training

She Leads and She Inspires - Open Mapping Program, Organizer: Humanitarian OpenStreetMap Team (HOT), Open Mapping Hub - Asia and the Pacific, 1st January – 30th June 2022

Software and other expertise

1. ERDAS Imagine, ArcGIS, QGIS, SNAP, ENVI, Google Earth Engine, Open Street Map, Google Earth Pro, ILWIS, HECRAS, SPSS, Microsoft office etc.
2. Atomic Absorption Spectroscopy
3. Multimeter and Visible Spectrometer
4. Water level logger

5. Downhole/ Crosshole Seismic Survey Instrument
6. Community Risk Assessment tools

Other work experience(s)

1. Working as Project Lead financed by Open Mapping Hub - Asia Pacific, entitled **Mapping Emergency Response and Evacuation Routes for University of Dhaka to Promote Disaster Preparedness and Support Post-Disaster Response Activities** from 1st January 2023 to present
 2. Worked as Research Associate financed by UNDP, Bangladesh, entitled **Training on Basic Disaster Risk Management under Training, Exercises and Drills Program (TED) program of Urban Resilience Project, DDM part** from June 2022 to September 2022
 3. Working as Research Associate financed by Center for Environmental and Geographic Information Services (CEGIS), entitled **Development of Landslide Risk Profile, Maps, Strategy Framework and Action Plans for Hillside Road Network of Rangamati, Khagrachori, Bandarban Hill District of Bangladesh, under the Road Circle Rangamati during the Year 2020-2021** from 2022 to present
 4. Worked as Research Associate financed by Department of Disaster Management (DDM), entitled **Feasibility Study towards Capacity Building for Landslide Risk Reduction and Response in the Hilly Terrain of Bangladesh** from April 2022 to November 2022
 5. Worked as Research Associate funded by UGC, Bangladesh, entitled **Developing a standard open space management system for Dhaka City for earthquake crisis response and recovery plans** from February 2022 to July 2022
 6. Worked as Research Associate funded by University of Dhaka, entitled **Flood 2020: its impact on riverbank erosion and public health in Kurigram and Shariatpur Districts** from June 2021 to June 2022
 7. Worked as Union Facilitator financed by Knowledge, Information & Learning for Local Adaptation (KILLA), entitled **Community Risk Assessment (CRA), United Nations Development Programme - Disaster Risk Reduction Project** from 10 – 25 September 2019
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