

Kazi Jihadur Rashid
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WORK EXPERIENCE:

Technical Assistant, Remote Sensing Division, Center for Environmental and Geographic Information Services (CEGIS) *May 2020 - Present*

Key Achievements:

- Successful completion of settlement, river/canal & road network extraction for whole Bangladesh from high resolution satellite images.
- Error management using topology tools for achieving highest accuracy, and updating geodatabase

Research Assistant, Dept. of GES, University of Chittagong *Mar 2019 - April 2020*

Key Achievements:

- Successful completion of two university funded projects
- Contribution in several journal/conference article, book chapter, and thesis

Research Consultant, Child Protection Sector, BRAC *Jul 2018 - Sep 2018*

Key Achievements:

- Building geodatabase of CFSs & AFSs with high precision locational data
- Identified vulnerable infrastructures to flood and landslides

SKILLS:

- Software/Web: ArcGIS, QGIS, Google Earth Engine (Beginner), CropWat, Kobo Toolbox
- Programming: R, SQL/MySQL (Beginner)

EDUCATION:

BSc in Geography & Environmental Studies, University of Chittagong, Chattogram *2014 – 2018*

R Programming, Johns Hopkins University (via Coursera) *May 2020*

Imagery, Automation, and Application, University of California, Davis (via Coursera) *Aug 2019*

Geospatial and Environmental Analysis, University of California, Davis (via Coursera) *May 2019*

GIS Data Format, Design and Quality, University of California, Davis (via Coursera) *Dec 2018*

GIS and Its Application, Center for River, Harbor & Landslide Research, CUET *Mar 2018*

RESEARCH WORK:

- Spatiotemporal changes of vegetation and land surface temperature in the refugee camps and its surrounding areas of Bangladesh after the Rohingya influx from Myanmar. *Environment, Development and Sustainability*, 1–16. <https://doi.org/10.1007/s10668-020-00733-x>
- Spatio-temporal Change Detection of Urban Surface Water Bodies in Chattogram City using GIS and Remote Sensing Techniques, 4th International Conference on Bangladesh Environment (ISBEN-4), Dhaka.
- Spatial Concentration of Educational and Medical Facilities within the City of Chittagong. In: *Chattogram City: Geographical Study*, 1st ed. Dhaka: Centre for Urban Studies & Academic Press and Publishers Library. Manuscript Accepted.
- Increasing Temperature, Water, Sanitation & Hygiene Conditions, and Health Outcomes of Rohingya Refugees and Local People in Southern Bangladesh. Manuscript submitted for publication.