



AL JUBAER

PROJECT OFFICER

INSTITUTE OF REMOTE SENSING AND GIS
JAHANGIRNAGAR UNIVERSITY



CONTACT



LOCATION

Institute of Remote Sensing and GIS
Jahangirnagar University, Dhaka-1342.



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WEBSITE

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SOCIAL MEDIA



FACEBOOK

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TWITTER

twitter.com/aljubaer500780



LINKEDIN

linkedin.com/in/aljubaer



RESEARCHGATE

researchgate.net/profile/Al-Jubaer



PERSONAL SKILL

- INNOVATIVE
- CREATIVE
- DISCIPLINE
- PUNCTUAL



LANGUAGE

- Bangla 100%
- English 80%
- Arabic 50%



ABOUT ME

Hi, my name is Al Jubaer and I am a Project Officer at Jahangirnagar University's Institute of Remote Sensing and GIS under the ICIMOD Project. The Department of Geography and Environment at Jahangirnagar University is where I completed both my Bachelor of Science and Master of Science degrees, and the Department of Computer Science and Engineering at the Royal University of Dhaka is where I completed my second Master of Science degree.

I have extensive experience with all of the following software packages: Arc Map, Arc GIS Pro, Arc GIS Online, QGIS, Erdas Imagine, Google Earth Engine, ENVI, Survey123, CoBo Toolbox, Adobe Illustrator, Adobe Photoshop, Indesign, Adobe XD, and Adobe InCopy, Adobe Premiere Pro, Adobe After Effect, and Cinema 4D, Adobe Dimension, Google Earth, and Sketchup, AutoCAD, Civil 3D, 3DS Max, Jupyter Notebook (Python, Deep Learning & Machine Learning), Google Colab, Web GIS (HTML, CSS, JavaScript, Lefeat GIS, OpenLayer), and Microsoft Excel.



WORK EXPERIENCE



WORKING AS PROJECT OFFICER

Date : August, 2021 to Present
Project : Implementation of SERVIR-HKH services in Bangladesh and institutional capacity building of IRS-JU awarded by ICIMOD (SERVIR-HKH), Nepal to IRS-JU
Organization : **Institute of Remote Sensing and GIS**



WORKING AS PROJECT ASSOCIATE

Date : January, 2021 to July, 2021
Project : Citizen Science for Reduction of Flood Vulnerability in Selected Districts of Bangladesh (MoST Project)
Organization : **Institute of Remote Sensing and GIS**



WORKING AS GIS & RS EXPERT, GRAPHICS & MOTION DESIGNER

Date : September, 2017 to December 2020
Project : Different Project & Programm
Organization : **Institute of Remote Sensing and GIS**



WORKING AS RESEARCH ASSISTANT

Date : September, 2020 to November, 2020
Project : Bangladesh Livelihoods Improvement of Urban Poor Communities Project (LIUPCP)
Organization : **DM Watch**



WORKING AS DATA ENUMERATOR

Date : 8 August, 2019 to September, 2019
Project : Shishuder Jonno-Integrated Child Development Institute
Institute : **Save The Children**



WORKING AS HEAD OF PRODUCTION HOUSE

Date : 1st January, 2020 to December, 2020
Project : Video Production & Animation
Institute : **Inception Group**



ACADEMIC QUALIFICATION



MASTER OF SCIENCE (MSc) 2018

Department of Geography and Environment
Jahangirnagar University
Result: 3.65 out of 4.00



MASTER OF SCIENCE (MSc) 2020

Department of Computer Science and Engineering
Royal University Of Dhaka
Result: 3.75 out of 4.00



BACHELOR OF SCIENCE (BSc) 2017

Department of Geography and Environment
Jahangirnagar University
Result: 3.66 out of 4.00



HIGHER SECONDARY CERTIFICATE (HSC) 2012

Cantonment Collage, Jashore
Jashore Education Board, Jashore
Result: 4.90 out of 5.00



SECONDARY SCHOOL CERTIFICATE (SSC) 2010

Andulia Dakhil Madracha, Chougahha, Jashore
Bangladesh Madrasha Education Board, Dhaka
Result: 5.00 out of 5.00



PROFESSIONAL SKILLS



NETWORKING
PROGRAMMING
GRAPHIC DESIGN
MOTION GRAPHICS



MAPPING & CARTOGRAPHY
IMAGE ANALYSIS
DATABASE MANAGEMENT
INFO DESIGN



2D & 3D MODELLING
WEB DEVELOPMENT
VECTOR & RASTER DESIGN
VISUALIZATION



HOBBIES

- INFO DESIGN
- OUTDOORS
- VIDEOGRAPHY
- TRAVELING
- DRONE FLY
- INNOVATIVE THINK



AWARDS

PRIMARY SCHOLERSHIP
SSC SCHOLERSHIP
QURAN RECITATION
AZAN RECITATION AWARD
INNOVATIVE IDEA AWARD



SOFTWARE SKILLS



AREA OF INTEREST

REMOTE SENSING & GIS

REMOTE SENSING GEOGRAPHIC INFORMATION SYSTEM
SENSOR ACTIVE SENSOR PASSIVE SENSOR AOI COORDINATE RIVER MAP ARC GIS PRO ARC SCENE ARC GLOBE HIMAWARI CORONA SPEED
IMAGE PROCESSING RESAMPLE MASK LATITUDE MAP ARC MAP ARC CATALOG ADD DATA ARC TOOLBOX GLONAS MISSION TIME
NATURAL COLOR ENVI SNAP SATELLITE LONGITUDE VECTOR DATA Z BASE MAP ESA GALILIO SPACE STATION PROJECTION
SEADAS SPACE ELECTROMAGNETIC SPECTRUM NASA ATTRIBUTE ARC GIS CLOUD X Y OPEN STREET MAP LANDSAT SPACE STATION
RADIOMETRIC CORRECTION LAND SURFACE TEMPERATURE DATABASE GRASS GIS WEB MAP DTM ALTITUDE NOAA LONG WAVE WEATHERER FORECAST
GEOMETRIC CORRECTION SPECTRAL SPECTRAL LAYER STACK DATABASE SERVER DRONE TECHNOLOGY DISTANCE
ERDAS IMAGINE SEA SURFACE TEMPERATURE HYPERSPECTRAL GEOPROCESSING AREA HEIGHT RESOLUTION EXPORT
WAVELENGTH VECTOR DATA CHANGE DETECTION AERIAL MAP FLY PICTURE IMAGE CAPTURE PATH ROW
UNSUPERVISED CLASSIFICATION SUPERVISED CLASSIFICATION DEM DSM GLOBAL POSITIONING SYSTEM GPS ANGLE
FALSE COLOR SUBSET BAND BRIGHTNESS COLOR PHOTOGRAMMETRY RAY LIGHT LIDER GLOBAL NAVIGATION SATELLITE SYSTEM

GRAPHIC DESIGN PROGRAMMING

PIXEL IMAGE CELL CHARACTER PARAGRAPH SELECTION TYPE TOOLS RECTANGLE ELLIPSE LINE C++ PYTHON HTML SUBLINE TEXT
ILLUSTRATOR TRANSFORM CMYK POLYGON SHAPE BUILDER GRID RULER PASSIVE SENSOR CSS C JAVASCRIPT WORDPRESS
FILE EDIT OBJECT TYPE EFFECT COLOR ADOBE PHOTOSHOP RESAMPLE PENTTOOLS BRUSH AI EPS INDD AS6 PDF TRANSPARENCY TRANSFORM PARAGRAPH PATHFINDER PHP CODE BLOCK # * * < > () ; ENTER
ROTATION REFLECTION ARTBOARDS RGB HUE SATURATION SCALE VIEW GROUP ANA CONDA R STUDIO
BRIGHTNESS RED GREEN BLUE BLACK WHITE CYAN MEGENDA YELLOW BLACK INDESIGN ANA CONDA JUPYTER NOTEBOOK SCRIPT
PAGE LAYOUT MP4 MPEG AE PP THIS IS MY FIRST PROGRAM
PREMIER PRO STOCK OPACITY BACKGROUND FOREGROUND PATTERN KEY FRAME GRAPH EDITOR NOTEPAD TEXT DATABASE
PROJECT EFFECT CONTROL COMPOSITION ANIMATION EFFECT AND PRESET TIMELINE PRECOMPOSE CODE COMPILE RUN BROWSER
AFTER EFFECT REANDED ANCHOR POINT POSITION SCALE STOCK FILL TRANSFORM ROTATION GRADIENT CHROME FIREFOX UC EXPLORER
MARGIN COLUMN ROW TABLE GRAPH WIDTH HEIGHT DROP SHADOW INNER GLUE OUTER GLUE BAVEL SATIN IMBOSS NOTEPAD TEXT DATABASE

DATA SCIENCE, MACHINE LEARNING & DEEP LEARNING



PROFESSIONAL CERTIFICATE

SOCIAL DEVELOPMENT AND COMMUNITY

Sheikh Hasina National Youth Center, Saver, Dhaka.
7 Days Training Program (16-22 October, 2016)

SPATIAL ANALYSIS USING R

Institute of Remote Sensing and GIS, JU.
5 Days Training Program (08-12 December, 2017)

GOOGLE EARTH ENGINE

Institute of Remote Sensing and GIS, JU.
5 Days Training Program (20-24 August, 2017)

BASIC GIS AND REMOTE SENSING

Institute of Remote Sensing and GIS, JU.
5 Days Training Program (16-20 February, 2018)

CISCO CERTIFIED NETWORK ASSOCIATION (CCNA)

New Horizon (Dhanmondi Branch, Dhaka)
4 Month Training Program (05 June-05 September, 2018)

GRAPHIC ELEMENTS OF DESIGN: COLOR THEORY AND IMAGE FORMATS

University of Colorado
7 Days Training Program, 24 July 2020

HYDROSAR TRAINING EXTRACTING FLOOD INFORMATION FROM SAR

NASA, USAID, ICIMOD, ASF, JPL & SERVIR
4 DAYS Training Program (20-24 January, 2021)



TRAINING CERTIFICATE

BUILDING DIGITAL MEDIA USING GRAPHICS DESIGN IN GOOGLE SLIDES

Coursera Project Network
July, 2020

CREATE A BUSINESS MARKETING BRAND KIT USING CANVA

Coursera Project Network
July, 2020

GRETING STARTED WITH GOOGLE SHEETS

Google Cloud
July, 2020

GIS, MAPPING AND SPATIAL ANALYSIS CAPSTONE

University of Toronto
July, 2020

GRAPHICS ELEMENTS OF DESIGN: COLOR THEORY AND IMAGE FORMATS

University of Colorado
June, 2020

INTRODUCTION TO GIS MAPPING

University of Toronto
July, 2020

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PROFICIENCY

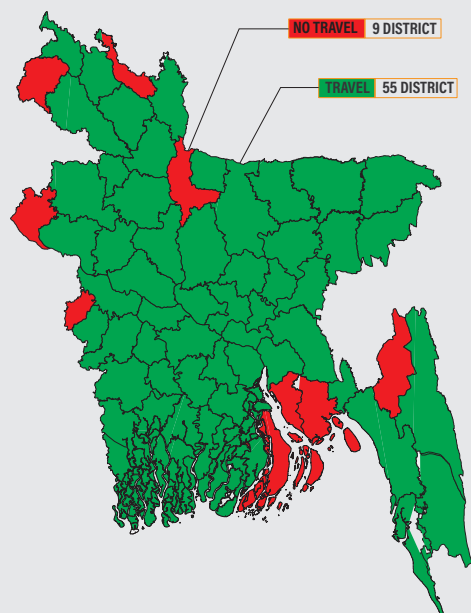
- ARC GIS & ARC GIS PRO
- ERDAS IMAGINE
- ILLUSTRATOR
- PHOTOSHOP
- INDESIGN
- BLENDER
- MS WORD
- IBM SPSS
- MS ACCESS
- MS POWERPOINT
- AFTER EFFECT
- PREMIER PRO
- AUTOCAD
- CIVIL 3
- 3DS MAX & MAYA
- MS EXCEL
- PYTHON
- CINEMA 4D
- PIX4D
- GOOGLE EARTH PRO



EXPLORE AND TRAVEL WORLD



EXPLORE AND TRAVEL BANGLADESH



TRAINING CERTIFICATE

- PRINT AND DIGITAL ELEMENTS OF DESIGN: BRANDING AND USER EXP.**
Coursera Project Network
July, 2020
- USE WORDPRESS TO CREATE A BLOG FOR YOUR BUSINESS**
Coursera Project Network
July, 2020
- GRETTING STARTED WITH GOOGLE SHEETS**
Google Cloud
July, 2020
- GIS, MAPPING AND SPATIAL ANALYSIS CAPSTONE**
University of Toronto
July, 2020
- GRAPHICS ELEMENTS OF DESIGN: COLOR THEORY AND IMAGE FORMATS**
University of Colorado
June, 2020
- INTRODUCTION TO GIS MAPPING**
University of Toronto
July, 2020



RESEARCH AND PUBLICATIONS

- Publication**
WATERLOGGING MITIGATION AND SAFE WATER SUPPLY: LESSONS LEARNT FROM LOW-LYING AREAS OF BASIRHAT MUNICIPALITY, INDIA.
International Journal of Disaster Resilience in the Built Environment · Apr 13, 2022
- Project**
STRATEGY AND ROAD MAP FOR BIWTA ON SUSTAINABLE NON-PERISHABLE SINGLE USE PLASTIC MANAGEMENT PLAN IN RIVER PORT AREAS AND ACTION PLAN FOR PLASTIC CONTAMINATION FREE WATER WAYS
Jan 2022 - Present
Geospatial Expert
- Project**
THE CLIMATE INNOVATION CHALLENGE-INNOVATION FOR CLIMATE ADAPTATION AND RESILIENCE
Jan 2022 - Present
Geospatial Expert
- Project**
IMPLEMENTATION OF SERVIR-HKH SERVICES IN BANGLADESH AND INSTITUTIONAL CAPACITY BUILDING OF IRS-JU AWARDED BY ICIMOD (SERVIR-HKH), NEPAL TO IRS-JU
August 2022 - Present
Project Officer
- Project**
PARTICIPATORY GIS BASED RISK MAPPING CONCEPTUAL FRAMEWORK AND METHODOLOGICAL EXPLANATIONS BUILDING PREPAREDNESS OF VULNERABLE COMMUNITIES THROUGH INCLUSIVE DISASTER RISK REDUCTION INITIATIVES HELPAGE INTERNATIONAL
Nov 2018 - Nov 2019
Geospatial Expert
- Technical Report**
CITIZEN SCIENCE FOR REDUCTION OF FLOOD VULNERABILITY IN SELECTED DISTRICTS OF BANGLADESH
Jun 2020 - Jun 2021
Geospatial Expert



REFERENCE



DR. SHEIKH TAWHIDUL ISLAM
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INSTITUTE OF REMOTE SENSING AND GIS
JAHANGIRNAGAR UNIVERSITY, DHAKA-1342, BANGLADESH



DR. SYED HAFIZUR RAHMAN
PROFESSOR
DEPARTMENT OF ENVIRONMENTAL SCIENCES
JAHANGIRNAGAR UNIVERSITY



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