

Curriculum Vitae

Md. Sofi Ullah

BASIC INFORMATION

Name: Md. Sofi Ullah

Permanent Address: C/o, Chaprashai bari, Vill.: Debrampur, Post Office: Etimkhana Bazar,
Upazila: Dagonbhuyain, Dist: Feni.

Mailing Address: Department of Geography and Environment, University of Dhaka,
Dhaka 1000.

Date of Birth: 1 June 1967

Place of Birth: Dagonbhuyain, Feni, Bangladesh.

Nationality: Bangladeshi.

Occupation: Teaching, since 29-07-1999 (24 years)

Present Designation: Professor, Department of Geography and Environment, University of Dhaka.
Dhaka 1000.

E-mail: sofiullah.geoenv@du.ac.bd, **alternative e-mail:** sofi.ullah69@gmail.com

Website: https://www.du.ac.bd/faculty/faculty_details/GEN/1880

LinkedIn: <https://www.linkedin.com/in/mohammad-sofiullah-in>

Phone: 01552424523; 01711705666.

Research Interest: Geographical Information System (GIS) and Remote Sensing (RS), Disaster Management, Water Resource Management, Environmental Management and Biodiversity and Climate Change

PROFILE

- **ACADEMIC QUALIFICATIONS**
 - **M. Phil in Geography (2000) from the University of Dhaka**
 - **M. Sc. in Geography (1988) from the University of Dhaka**
 - **B. Sc. (Hons.) in Geography (1987) from the University of Dhaka**
 - **H.S.C. (1984)**
 - **Secondary School Certificate (S.S.C.) (1982)**

CURRENT RESPONSIBILITIES

- **Professor**, Department of Geography and Environment, University of Dhaka, Dhaka 1000, Bangladesh, since 29-10-2020.
- **Curriculum Expert**: Bangladesh Technical Education, Directorate of Technical Education, Bangladesh since 01 January 2021.
- **GIS and RS Lab In-charge**, Department of Geography and Environment University of Dhaka, Dhaka 1000, Bangladesh, since 2010.
- **GIS and Remote Sensing Training Coordinator**, since 2014 (total about 750 professional were produced):

Name of the Courses:

- **ArcGIS I**: Fundamentals of GIS (20 batches completed)
 - **ArcGIS II**: Professional GIS Training (7 batches completed)
 - **RS I**: Fundamentals of Remote Sensing (3 batch completed)
 - **Special training** on Hot Spot and Regression Analysis (3 batches completed)
 - Beside these, GIS Training for Professional, Hydrological Analysis will be started
- **Principal Facilitator**: GIS and Remote Sensing Training Course since 2014
- ### *Name of the Courses:*
- **ArcGIS I**: Fundamentals of GIS
 - **ArcGIS II**: Professional GIS Training
 - **RS I**: Fundamentals of Remote Sensing
 - **Special training** on Hot Spot and Regression Analysis
- **Member, Bangladesh GIS Platform (BGISP)**, *Bangladesh Bureau of Statistics*, Government of Bangladesh.
 - **GIS Focal Point, Department of Geography and Environment**, Bangladesh GIS Platform (BGISP), *Bangladesh Bureau of Statistics*, Government of Bangladesh.
 - **Member**, Bangladesh Society of Geoinformatics (BSGI)

PROJECT EXPERT AND CONSULTANT

- **Project Director**, “Assessing the impacts of climate change on present status and future scenario of water security in the barind area of Bangladesh”, No. 37.01.0000.073.07.018.21.436. University Grants Commission of Bangladesh.
- **GIS Consultant**, *Project on Digital Land Survey*, **Caritas, Mymensingh** from 08\11\2021 to 25\02\2022. Ref No. CARI/MYM/515/2021-2022.

- **GIS Consultant:** SEBPO: ServisEngine Limited (A Sister Concern of Abdul Momen Ltd.)
- **Consultant of GIS training:** Soil Resource Development Institute (SRDI), Ministry of Agriculture, Government of Bangladesh, During 16 May to 4 June.
- **Consultant of GIS training:** Action Against Hunger, Cox's Bazar, Bangladesh December 2020.
- **Consultant of GIS training:** UNICEF- Nutrition Sector partner organization staffs at Cox's Bazar during 4-6 November 2019.
- **Lead,** Geospatial Research of *Landslides and Flash Flood Vulnerability Modeling of Bandarban District of Chittagong Hill Tracts, Bangladesh, under a MoU between Helen Keller International (HKI) and GIS Lab, Department of Geography and Environment, University of Dhaka* (Professional contract no. PSC-18-02-161) from 26-02-2018 to 30-4-2019.
- **GIS Expert Member,** Committee to Formulate Rules to Appoint Geospatial Officers and Staffs in a new GIS Division, **Land Record and Survey Department (DLRS), Dhaka,** since 09-07-2019.
- **GIS Expert as External Member, DESCO,** DESCO Electricity Line Automation Project, since 01-08-2018.
- **GIS Consultant, Project on Digital Land Survey, Caritas, Mymensingh** from 18-04-2018 to 15-8-2018. Ref No. CARI/MYM/1405/2017-2018.

PREVIOUS RESPONSIBILITIES

- **Technical Committee Member,** Strengthening Environment, Climate Change and Disaster Statistics (ECDS) Project, Bangladesh Bureau of Statistics (BBS), Statistics and Informatics Division, Ministry of Planning, Government of the People's Republic of Bangladesh
- **Lead,** Geospatial Research of *Landslides and Flash Flood Vulnerability Modeling of Bandarban District of Chittagong Hill Tracts, Bangladesh, under an MoU between Helen Keller International (HKI) and GIS Lab, Department of Geography and Environment, University of Dhaka* (Professional contract no. PSC-18-02-161) from 26-02-2018 to 30-4-2019.
- **Facilitator:** Training course on Fundamentals of GIS, offered for Helen Keller International between 26-02-2018 and 30-4-2019.
- **Facilitator:** Training course on Professional GIS Training, offered for Helen Keller International between 26-02-2018 and 30-4-2019.
- **Facilitator:** Training course on Fundamentals of Remote Sensing offered for Helen Keller International, between 26-02-2018 and 30-4-2019.
- **Member, Strengthening Capacity of BBS,** Population and Demographic Data Collection using GIS.
- **Editorial Member,** *Small Area Atlas of Bangladesh, Bangladesh Bureau of Statistics,* Government of Bangladesh.
- **Assistant Professor,** Department of Geography and Environment, University of Dhaka from 21 May 2003 to 21 December 2009.
- **Assistant Proctor,** Faculty of Science, the University of Dhaka from 20 January 2002 to 23 February 2009.
- **Lecturer,** Department of Geography and Environment, the University of Dhaka from 29 July 1999 to 21 May 2003.

- **Research Associate**, Centre for Urban Studies, Dhaka from January 1997 to June 1999.
- **Research Assistant**, Urban Studies Programme, Department of Geography, the University of Dhaka from 1992 to 1997.
- **Editorial Responsibility (Other)**
 - **Assistant Editor**, *Oriental Geographer*.
 - **Assistant Editor**, বুলটেনি নগরায়ণে বাংলাদেশ.

PUBLICATIONS (TOTAL: 25)

1. Md. Sofi Ullah, Md. Khayrul Islam Tuhin, Tarulata Shapla, Kazi Farha Farzana Suhi (2023). Geospatial Assessment of Wetlands Changes in the Fringe Area of Dhaka City: Past, Present and Future Scenarios, journal of the Faculty of Earth and Environmental Sciences, University of Dhaka. Accepted for publication.
2. Md. Sofi Ullah (2023). “Geospatial Modeling of Potential Landslide Hazard Estimation for Better Management in the Bandarban District of Bangladesh” in *Landslide: Susceptibility, Risk Assessment and Sustainability Application of Geostatistical and Geospatial Modeling. Advances in Natural and Technological Hazards Research Book Series (Indexed in Norwegian Register for Scientific Journals and Series, SCImago, SCOPUS)*. (<https://www.springer.com/series/6362>).
3. Pal Indrajit, Afshana Parven, Md. Ashik-Ur-Rahman and **Mohammad Sofi ullah** (2021). “An Analysis of Small-Scale Fisheries Management Status by Focusing on Degrading Fisheries Resources in the Sundarban”, in *Sundarbans Mangrove System A Geo-Informatics Approach*, Edited by Anirban Mukhopadhyay, Debashis Mitra and Sugata Hazra, CRC Press.
4. **Md. Sofi Ullah** (2021). Geospatial Modeling of Landslide Vulnerability and Simulating Spatial Correlation with Associated Factors in Bandarban District, in *The Dhaka University Journal of Earth and Environmental Sciences*. Dhaka. Published: 2021-01-30. Vol. 8 No. 2.
5. **Md. Sofi Ullah**, Tarulata Shapla, Md. Amran Hossain and Hasibul Hossian (2019). Delineating Agricultural Landuse Change using Geospatial Thechniques and Markov Model in the Tarakanda Upazila of Mymensingh, Bangladesh and Future Prediction, in *The Dhaka University Journal of Earth and Environmental Sciences*. Dhaka. Vol 8 No. 1. Published in 2020.
6. **Md. Sofi Ullah**. (2020). “Mapping Landslide and Simulating Spatial Statistics: A Case of Bandarban District of the Chittagong Hill Tracts”, Accepted for *Oriental Geographer*, Volume 61, Number 1 & 2, 2017.
7. **Md. Sofi Ullah** and Muhammad Esmat Enan, (2019). “Landuse and Land Cover Change in Dhaka Metropolitan Area During 1991-2022”, *Oriental Geographer*, Volume 60, Number 1 & 2, 2016 (Published in March 2019), Page: 01-18.

8. **Md. Sofi Ullah, (2018).** “Water Bodies Delineation and Change Detection Using GIS and Remote Sensing with Multitemporal Landsat Imagery: A Case Study of Tanguar Haor”, *Oriental Geographer*, Volume 59, Number 1 & 2, 2015 (Published in September 2018) Page: 69-82.
9. **Md. Sofi Ullah, (2018).** “Vegetation Change Detection by Using Normalized Difference Vegetation Index (NDVI): A Study of the Chittagong Hill Tracts”, *Environment and Sustainable Development in Bangladesh: Geographical Perspectives*, Khatun, H. et al, edited (2018), Page: 181-196. Department of Geography and Environment, University of Dhaka.
10. **Md. Sofi Ullah, Md. Faruk Hossain and Zahidul Islam, (2018).** “Renewable Freshwater Scarcity and Global Sustainable Issues”, *Environment and Sustainable Development in Bangladesh: Geographical Perspectives*, Khatun, H. et al, edited (2018), Page: 219-240. Department of Geography and Environment, University of Dhaka.
11. **Md. Sofi Ullah, Anamik Ani Khan and Md. Amran Hossain, (2017).** “Spatiotemporal Variability of Rainfall in Bangladesh Using Thiessen Polygon and Spline Interpolation”, *Oriental Geographer*, Volume 58, Number 2, 2014 (Published in December 2017), Page: 91-111.
12. **Md. Sofi Ullah, Mausumi Ara and Anamik Ani Khan, (2014).** “Change Detection of Vegetation Coverage in Birand Tract, Rajshahi: Using Normalized Difference Vegetation Index (NDVI) and Erdas Imagine’s DeltaCue”, *Bangladesh Journal of Geoinformatics (BJGI)*, Vol. 1, Dec 2014.
13. **Asif Ishtiaque and Md. Sofi Ullah, (2013).** “The Influence of Factors of Migration on the Migration Status of Rural-Urban Migrants in Dhaka, Bangladesh”, *Human Geographies- Journal of Studies and Research in Human Geography*, 7.2 (2013) 45-52.
14. **Md. Sofi Ullah and Gopal Chandra Ghosh, (2011).** “Water Quality Aspects of Dhaka City’s Peripheral Rivers: A Case Study on Tongi Canal and Balu River”, *Society and Change*, Vol. V, No. 1, January-March 2011.
১৫. **মহাম্মদ সফি উল্লাহ, (২০১১),** “রিকশা মেরামতকারীদের রাজনৈতিক অর্থনীতি এবং সামাজিক পরিবেশ: ঢাকা মহানগরীর অপ্রতিষ্ঠানিক খাতের চিত্র”, *ভূগোল ও পরিবেশ জার্নাল*, ৭ম বর্ষ ২০০৭, (জুন ২০১১ এ প্রকাশিত হয়েছে)।
16. **Rejuan Hossain Bhuiyan, Md. Sofi Ullah and Md. Kamal Hossain, (2008).** “Quality of Surface Water at the Savar and its Adjacent Areas”, *Society & Change*, Vol. II, No. 2, April-June 2008.
17. **Md. Sofi Ullah, (2007).** “Economic Characteristics of Hawkers in the Urban Economy: Some Evidence from Dhaka City”, *Society & Change*, Vol 1, No.2, April-June 2007.
18. **Kazi Md. Fazlul Haq, Md. Sofi Ullah and Abdullah Al Masud, (2007).** “Super-Centers as a Retail Market in Dhaka City: A Spatio-Temporal Analysis”, *Society & Change*, Vol 1, No.4, October-December 2007.
19. **কাজী মোঃ ফজলুল হক, মহাম্মদ সফি উল্লাহ্ এবং মোঃ কামাল হোসেন, (২০০৭).** “পটুয়াখালীর মির্জাগঞ্জের ঘূর্ণিঝড় সংঘটন ও ঘূর্ণিঝড় সিডর-এর ক্ষয়ক্ষতি-মূল্যায়ন”, *ঢাকা বিশ্ববিদ্যালয় পত্রিকা*, সংখ্যা ৮৮ জুন ২০০৭।

২০. মহাম্মদ সফি উল্যাহ , (১৯৯৯), “ঢাকা অপ্রাতিষ্ঠানিক কর্মকাণ্ড: প্রসঙ্গ হকার ও তাদের অর্থনৈতিক বৈশিষ্ট্য”, ঢাকা বিশ্ববিদ্যালয় পত্রিকা, সংখ্যা ৬৫ অক্টোবর ১৯৯৯ কর্তৃক প্রকাশিত।
21. Amanat Ullah Khan, A H M Atiullah Khan and **Md. Sofi Ullah (1998)**. “Location Decision-making of Industrial Entrepreneurs in Chittagong City”, *Recent Urban Studies, Bangladesh* edited by Nazrul Islam, Urban Studies Programme, Department of Geography, University of Dhaka. 1998.
২২. আমানত উল্লাহ খান এবং মহাম্মদ সফি উল্যাহ, (১৯৯৬), “শিল্পের অবস্থান তত্ত্ব ও বাংলাদেশী উদ্যোক্তাদের শিল্প-অবস্থান সিদ্ধান্ত প্রক্রিয়া: একটি সমীক্ষা”, নগরায়ণে বাংলাদেশ: নির্বাচিত ভৌগোলিক প্রবন্ধ সংকলন, নজরুল ইসলাম এবং আবদুল বাকী সম্পাদিত (জুন ১৯৯৬), পরিচালক, নগরায়ন চর্চা কার্যক্রম, ভূগোল বিভাগ, ঢাকা বিশ্ববিদ্যালয়।
23. **Md. Sofi Ullah, (1996)**. “Socio-Economic Aspects of Hawkers and Their Activities in Dhaka City”, *Oriental Geographer*, Volume 40, Numbers 1& 2, January & July 1996, Dhaka.
24. আমানত উল্লাহ খান এবং মহাম্মদ সফি উল্যাহ, (১৯৯৩), “শিল্পের অবস্থান তত্ত্ব ও বাংলাদেশী উদ্যোক্তাদের শিল্প-অবস্থান সিদ্ধান্ত প্রক্রিয়া: একটি সমীক্ষা”, প্রবন্ধটি ঢাকা বিশ্ববিদ্যালয় পত্রিকা, সংখ্যা ৪৬ জুন ১৯৯৩, পৃ: ১৫৫-১৬৮।