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Geography and Environment  
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### **Area of Specialization and Research Interest**

- Urban Planning
- Disaster Management and
- Blue Economy

### **Experience**

- Experience on Urban Planning and Residential Site Area Planning
- Experience on Disaster Management Planning
- Experience on Disaster Risk Assessment and Contingency Planning
- Satellite Image Interpretation, Extraction and Analysis
- Geo-spatial database Development with relational database
- Strong knowledge in GIS application area with ArcGIS

### **Educational Qualification**

- PhD (Research Fellow) Jahangirnagar University, Bangladesh
- M.Phil. (Awarded) University of Dhaka, Bangladesh
- MSc (First Class First) Jahangirnagar University, Bangladesh
- BSc, Honors (Second Class, 9<sup>th</sup>) Jahangirnagar University, Bangladesh
- B.Ed. (First Class) Bangladesh Open University

- HSC, Science Group, (First Division) Dhaka Board, Dhaka
- SSC, Science Group, (First Division) Dhaka Board, Dhaka

### **Present Responsibilities**

- Chairman of Admission Committee, Masters of Criminology and Criminal Justice Program
- Co-ordinator of Environmental Science, Bachelor of Business Administration (BBA)
- Co-ordinator of Industrial Psychology, Masters of Business Administration (MBA)
- Media Co-ordinator of Open School, Bangladesh Open University
- Member of the Curriculum Committee, Bachelor of Education (B. Ed) Bangladesh Open University
- Member of the Curriculum Committee, Masters in Criminology and Criminal Justice Program, Bangladesh Open University
- Member of the School Committee, Bangladesh Open University
- Jointly Co-ordinator of Geography First Paper, Higher Secondary School Certificate (HSC)
- Jointly Co-ordinator of Geography Second Paper, Higher Secondary School Certificate (HSC)
- Jointly Co-ordinator of Geography and Environment, Secondary School Certificate (SSC)
- Jointly Co-ordinator of Science, Secondary School Certificate (SSC)
- Member of the Curriculum Committee, Master of Environment and Climate Change, Bangladesh Open University
- Member of Science Curriculum Committee of Open School, Bangladesh Open University.
- Member of Science Examination Committee of Open School, Bangladesh Open University.
- Broadcast Formal Academic Lecture on Radio and Television

### **Media Programs**

Designation	Number of the Audio Programs	Number of the Video Programs	Total Number of the Media Programs
Assistant Professor	24	13	37
Lecturer	03	05	08
Total Number of the Media Programs	27	18	45

### **Professional Experience**

- Associate Professor, Geography of Bangladesh Open University 17/10/2022 to till
- Assistant Professor, Geography of Bangladesh Open University 01/11/2015- 16/10/2022
- Lecturer, Geography of Open School, Bangladesh Open University 05/11/2012- 31/10/2015
- GIS Specialist, Arc Bangladesh 02/08/2009-04/10/2012
- O and A Level Teacher, Bangladesh International Tutorial 09/10/2006 - 31/07/2009

## List of the Publications

### ▪ Research Articles

1. Akter, S. and Islam, N. (2023). Urban Disaster Risk Assessment and Strategic Framework for Disaster Management: A Case Study of Gopalganj Pourashaba. Jahangirnagar University Environmental Bulletin, Vol. 8, X-XX, 2023 ISSN 2304-3326  
Contents Available at: <https://www.Juniv.edu/department/env>
2. Akter, S. (2020). A Spatial Disparity Dimension of Infrastructural Facilities in Rural and Urban Area of Shibpur Upazila, Bangladesh the Jahangirnagar Review Part II: Social Science Journal of The Faculty of Social Sciences Jahangirnagar University, Vol. XLI, 2017 ISSN 1682-7422
3. Akter, S. (2019). A Multichannel Analysis of Surface Waves (MASW) to Estimate the Shear Wave Velocity at Vs30 for Seismic Site Characterization: A Case Study of Raipura Upazila, Narsingdi, Bangladesh, National University Journal of Science, Vol. 6, No. 1, ISSN 1994-7763
4. Mannan, Z. and Akter, S. (2019). Location Decision for Urban Public Housing, Bangladesh Open University Journal of Teacher Education, Vol. 6, No. 1, ISSN 1812-7512
5. Mannan, Z. and Akter, S. (2020). Corporate Sustainability Imperative: Creating a Climate and Transforming Culture for Total Quality Management, Bangladesh University of Business Technology, Vol. X, Double Issue, 2018-2019, ISSN 2072-7542
6. Akter, S. and Bishwas, R. (2019). Violence against Women: A Case Study on Women Workers in Readymade Garment Industries in Bangladesh, Bangladesh Open University Journal of Social Sciences and Humanities, Vol. V, No. 1, ISSN 1811-1564
7. Akter, S. and Nazem, I. N. (2019). Spatial Inequality of Urban Environmental Services: A Case Study of Dhaka City Corporation, Central Journal of Bangladesh Open University, Vol. IV, No. 2, ISSN 2664-3464
8. Akter, S. (2018). The Pattern and Drawbacks of Formal-Informal Economic Activities at Upazila Level: A case study of Ishwarganj Upazila in Bangladesh, Bangladesh Open University Journal of Open School, Vol. 7, No. 1, ISSN 1872-7525
9. Akter, S. (2018). শহরতলীর ধরণ বিশ্লেষণঃ উত্তরখান এলাকার উপর একটি ভৌগোলিক সমীক্ষা, লোকপ্রশাসন সাময়িকী, লোক-প্রশাসন সংখ্যা ৬৭, ISSN 1605-2021
10. Akter, S. (2016). Mapping Gender Inequality in Open School Programme of Bangladesh Open University: A Study on Sirajgonj District, Bangladesh Open University Journal of Open School, Vol. 5, No. 1, ISSN 1812-7525

11. Akter, S. (2016). Digital Implementation of Land Mutation Management System (LMMS): A Geographical Analysis of Monirampur Upazila, Jessore District in Bangladesh, Bangladesh Journal of Public Administration, Vol. XXIV, No, 1, ISSN 1563-5032
  12. Akter, S. (2016). Development Process of a Planned Area: A Geographical Analysis of Uttara Model Town, Bangladesh Open University Journal, Vol. III, No.1, ISSN 2520-3010
  13. Akter, S. (2014). E-Learning Approaches in Bangladesh Open University: Development and Potentialities, Bpdm Journal of Research, Vol. I, Issue. 2, ISSN 2225-9767
  14. Akter, S. (2012). Spatial Inequality of Urban Environmental Services: A Case study of Uttara and Uttarkhan in Dhaka City, Bangladesh Journal of Public Administration, Vol XXI, No. 1, ISSN 1563-5032
১৫. Akter, S. (2001). ঢাকা রপ্তানী প্রক্রিয়াকরণ এলাকার শিল্প ও শ্রমিকের বৈশিষ্ট্য, জাহাঙ্গীরনগর বিশ্ববিদ্যালয় ভূগোল পত্রিকা, সংখ্যা. ২০ ISSN 1027-8567

#### Academic Books

SL	Academic Programs	Name of the Books	Year of the Publication	Publisher
1	BBA	Environmental Science OSBBA-2305	February,2022 (Single Writer)	PPD Division, Bangladesh Open University ISBN: 978-984-34-3203-9
2	BBA	Bangladesh Studies OSBBA-1202	February, 2021	PPD Division, Bangladesh Open University ISBN: 978-984-34-3203-9
3	BBS	Bangladesh Studies BBS -1504	2014	PPD Division, Bangladesh Open University
4	HSC	Geography (First Paper) HSC-1875	2016	PPD Division, Bangladesh Open University ISBN : 978-984-34-3171-4
5	HSC	Geography (Second Paper) HSC-2875	2016	PPD Division, Bangladesh Open University ISBN : 978-984-34-3172-1
6	SSC	Geography and Environment SSC-1660/2660	2016	PPD Division, Bangladesh Open University ISBN : 978-984-34-3128-8
7	SSC	Science SSC-2673	2016	PPD Division, Bangladesh Open University ISBN : 978-984-34-3134-9
8	SSC	Bangladesh and Global Studies SSC-2681	2017	PPD Division, Bangladesh Open University ISBN : 978-984-34-3137-0

## **Research Project**

1. Member of the International Research)

Research Project: Liberation War of Bangladesh: Unspoken Matters

BOU/Training-416 MOUNSOU&BOU/2019/249(2)/94/4976, Date-13/01/2021

Netaji Subhas Open University and Bangladesh Open University

2. Main Researcher

Research Project: Spatial Gender Inequality in Distance Learning at Higher Secondary Level in Bangladesh by using GPS and GIS

BOU/Training -130/ Research/ 2000 (cvU©-5) /2874 (4) ZvwiL-27/06/2013

Bangladesh Open University

3. Main Researcher

Research Project: Usage of Social Media by the BBS Learners for Peer Group Discussion of Open School of Bangladesh Open University

BOU/Training -402/Internal Research/ 2017-2018/2171 ZvwiL-17/05/2018

Bangladesh Open University

4. Main Researcher

Research Project: Regional Opportunities and Challenges of Master of Business Administration (MBA) Program in Bangla of Bangladesh Open University.

BOU/Training -426/Internal Research/ 2020-2021/2020/1844 ZvwiL-14/09/2020

Bangladesh Open University

5. Main Researcher

Research Project: Assessing the Ecosystem Sustainability : A Study on Rajbari, Magura and Kushtia District.

BOU/Training - 448/Internal Research/ 2022-2023/1588 ZvwiL-29/03/2023

Bangladesh Open University

## **Thesis**

- Industrial Characteristics of Dhaka Export Processing Zone (EPZ): A Geographical Analysis.
- Spatial Inequality of Urban Environment Services: A Study of Dhaka City Thesis

## **Book Review**

1. Globalization, Growth and Poverty: Building an Inclusive world Economy. World Bank Policy Research Report, New York: World Bank and Oxford University Press, 2002.

Journal of the Bangladesh National Geographical Association

Vol, 29, Nos 1 & 2, 2001

Bangladesh National Geographic Association (BNGA)

২.পৌরবসতি: কাঠামো জনগোষ্ঠী ও পরিকল্পনা প্রসঙ্গ: আব্দুল বাকী, ঢাকা: সুরঙ্গ প্রকাশ-২০০২

The Journal of Geo-Environment, Vol 2, 2002

Department of geography and Environmental Studies

Rajshahi University

ISSN 1682-1998

3. Bangladesh Environment 2002, (In two Volumes) edited by Ahmed, M Feroze, Saleh A. Tanveer and A.B.M Badruzzaman, Dhaka: Bangladesh Poribesh Andolon, BAPA, 2002.

ISSBN: 984-32-0443-CUS BULLETIN

On Urbanization and Development, Number 44, January-June 2003.

Centre for Urban Studies, Dhaka.

### **Published Abstract**

1. Abstract: Blue Economy of Bangladesh: Potentialities and Challenges of Marine Fisheries for Sustainable Blue Growth: A Case Study of Cox's Bazar, Bangladesh

Global Warming: The Critical Role of Oceans

EPDA, UAE

2. Abstract: Open School Learners: Learning Difficulties in Science Courses of Secondary School Certificate Program of Bangladesh Open University.

Book of abstract

Open University International Research Sessions 2018 iOURS 2018

The Open University of Sri Lanka

3. Abstract: The Role of ODeL for Skill Development of Rural Populations in Bangladesh: A Case Study of Kazipur Upazila, Sirajgonj

Skill Development through ODeL: Innovations, Entrepreneurship, Employment for Inclusive and Sustainable Livelihoods.

New Delhi, India.

4. Abstract: Assessment of Information System Solution of DADA (SAVAR) Ltd.

47<sup>th</sup> Annual General Meeting and Conference, 27<sup>th</sup> June 2002.

The Bangladesh Geographical Society (BGS)

Dhaka, Bangladesh

5. Abstract: Spatial Inequality in Cities: The Issue Overlooked

Land Environment and Development

10<sup>th</sup> Bangladesh National Geographical Conference, 18-30 December 2002

Bangladesh National Geographical Association

## Conference/Seminar/ Workshop

SL	Conference, Seminar and Workshop	Home and Abroad	Time	Year
1	Global Warming: The Critical Role of Oceans	Environmental Protection & Development Authority (EPDA), United Nations Educational, Scientific, and Cultural Organization (UNESCO) Intergovernmental Oceanographic Commission Declared 6th international conference on Global Warming: The Critical Role of Oceans held on Dec 4-7, 2023 in Ras Al Khaimah, UAE. A Parallel Session of UN Framework Convention on Climate Change (UNFCCC) 28th Convention (COP28)	4th December to 7th December	2023
2	Blue Economy of Bangladesh" Unlocking Bangladesh's Potentials of Blue Economy	Cox's Bazar Development Authority(CoxDA)	21th October 2023	2023
3	France-Bangladesh Summit Program on Hydrology and Flood Forecasting.	Blue Water Intelligence (BWI) France-Bangladesh Intercontinental Hotel Dhaka	8th November 2023	2023
4	Outcome based Education (OBE) Curriculum Development and Implementation in BBA, MBA (Bangla) Program	Organized by Institutional Quality Assurance Cell (IQAC) Bangladesh Open University	19&25 February	2024
5	Bengal Partition 'Katha' Refugee, Border, Citizenship and Memories in Literature.	3rd International Partition Seminar Centre for Language, Translation and Cultural Studies (CLTCS) Netaji Subhas Open University, Kolkata.	29 February to 1 March.	2020
6	Re-Imaging the future through Research and Innovation	The Open University of Sri Lanka	29-30 November	2018
7	International Seminar on Skill Development through ODeL: Innovations, Entrepreneurship, Employment for Inclusive and Sustainable Livelihoods.	Staff Training and Research Institute of Distance Education (STORIDE) Indira Gandhi National Open University. New Delhi, India.	09-11 March	2017
8	Online Workshop on Writing Impactful Research about "Putting eggs in a different basket: The rationale and complexities in publishing"	Organized by the Sabaragamuwa University of Sri Lanka in association with Emerald Publishing and Gulf Medical University, UAE.	22 April	2021
9		Organized by the Sabaragamuwa	29 April	2021

	Online Workshop on Writing Impactful Research about “How relevant is the innovative approach in research for targeting high impact journals”	University of Sri Lanka in association with Emerald Publishing and Gulf Medical University, UAE.		
10	Online Workshop on Writing Impactful Research about “Philosophy of Research”	Organized by the Sabaragamuwa University of Sri Lanka in association with Emerald Publishing and Gulf Medical University, UAE.	06 May	2021
11	Online Workshop on Writing Impactful Research about “Literature Review: Fundamentals”	Organized by the Sabaragamuwa University of Sri Lanka in association with Emerald Publishing and Gulf Medical University, UAE.	20 May	2021
12	13th International Knowledge Globalization Conference Workshop on Achieving Excellence in Academic Research.	Jointly organized by International University of Business Agriculture and Technology (IUBAT), Bangladesh Knowledge Globalization Institute, USA. Suffolk University, USA.	24 February	2018
13	13th International Knowledge Globalization Conference Workshop on E-Learning – Use of Moodle: Level-1.	Jointly organized by International University of Business Agriculture and Technology (IUBAT), Bangladesh Knowledge Globalization Institute, USA. Suffolk University, USA	24 February	2018
14	Workshop on Research Methodology	Organized by the Institutional Quality Assurance Cell (IQAC) of Bangladesh Open University	17-19 September	2018
15	Capacity Enhancement Program on Open Educational Resources for BOU Academics (Master Trainers)	Organized by Bangladesh Open University and Commonwealth Educational Media Centre for Asia, India	03-05 September	2016
16	Capacity Building Workshop on Development of e-Content to Deliver Digitally.	Organized by Bangladesh Open University and Commonwealth Educational Media Centre for Asia, India	19-23 January	2016
17	Workshop on Interactive Teaching and Learning at the Tertiary Level: Step towards of Quality and Excellence	Green University, Bangladesh	15-16 November	2013
18	Award Leaders Training (Bangladesh)	Organized by The International Secretariat	29 January	2009



19	Second National Research Conference	Jointly Organized by Bangladesh Peace and Development Mission (BPDM) and Islamic Foundation, Dhaka.	05-07 July	2013
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**Particular Skilled:**

Sl	Particular Subject	Name of the Institution	Time	Year
1	Earth Observation for Sustainable Development in Developing Countries	International Center for Integrated Mountain Development (ICIMOD), Asia-Oceania Group on Earth Observations (AOGEO) & Committee on Data of the International Science Council (ISC) CODATA (Online Training, Jointly Organized)	19 October to 30 October	2020
2	Google Earth Engine	International Center for Integrated Mountain Development (ICIMOD) & Institute of Remote Sensing, Jahangirnagar University (Jointly Organized)	25 July to 29 July	2019
3	Basic Understanding on Disaster Risk Reduction Management and Approaches	Institute of Disaster Management and Vulnerability Studies (IDMVS), University of Dhaka	13 May to 17 May	2017
4	Research Methodology	Centre for Advanced Research in Humanities, University of Dhaka	21 November to 30 November	2016
5	Programming in Visual Basic	Computer & Information Technology Institute Jahangirnagar University	29 August to 30 January	2000 - 2001
6	Basic Computer Operation	People's Republic of Bangladesh, Ministry of Education NTRAMS Approved Student Computer Center, Dhaka	1 July to 31 December	1999

7	Establishment of ICT and Web-based Learning System in Bangladesh Open University	Bangladesh Open University	15 May to 28 May	2013
8	Interactive Script Writing and Presentation Technique	Media Center of Bangladesh Open University	16 September to 19 September	2013

**Member of the professional society**

- Bangladesh Geographical Society, BGS
- Bangladesh National Geographical Association, BNGA



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