

Curriculum Vitae

Name: Saima Ahmad, PhD
Date of Birth: 05.01.1968
Address : Flat # B-3, House # 16 (Rupayan Rose), Road # 04,
Sector # 04, Uttara Model Town, Uttara, Dhaka.
Phone: +880 175068585
E-mail: saima.ahmad68@gmail.com

Education

Ph.D. (2020), Department of Geography & Environment, University of Dhaka.
M. Phil (1994-2008), Department of Geography & Environment, University of Dhaka, 1st Class
M.Sc. (Thesis) (1990), Department of Geography & Environment, University of Dhaka, 1st Class,
2nd position
B.Sc. (Hons.) (1989), Department of Geography & Environment, University of Dhaka, 1st Class, 2nd
Position
H.S.C. (1986), Begum Badrunnesa Govt. Girls College, Dhaka, 1st Division, 11th position (Humanities Group),
Board of Intermediate and Secondary Education, Dhaka, Bangladesh.
S.S.C. (Humanities Group) (1984), Agrani Balika Biddalaya, Dhaka, 1st Division Board of
Intermediate and Secondary Education, Dhaka, Bangladesh.

Fellowship & Scholarship

N.S.T. Fellowship for Ph.D. Degree, 2015-2018, Ministry of Science & Technology, Bangladesh
N.S.T. Fellowship for M.Phil. Degree, 1997-1999, Ministry of Science & Technology, Bangladesh
Dhaka University Merit Scholarship in the Graduate Level, 1987-1990.
Merit Scholarship, H.S.C. (1986-1987), Board of Intermediate and Secondary Education, Dhaka,
Bangladesh.

Awards Received

- Leo District Council Certificate for outstanding results in S.S.C. Examinations.
- Dhaka Metropolitan Lions' Club Award for outstanding results in H.S.C. Examination.
- Begum Badrunnesa Govt. Girls' College Award for outstanding results in H.S.C. Examination.

Professional Experiences at Bangladesh Open University

- Professor, Geography & Environment, School of Social Sciences, Humanities & Languages (SSHL), Bangladesh Open University, from April 2023 to till now.
- Associate Professor, Geography & Environment, School of Social Sciences, Humanities & Languages (SSHL), Bangladesh Open University, from May 2018 to April 2023.
- Assistant Professor, Geography & Environment, School of Social Sciences, Humanities & Languages (SSHL), Bangladesh Open University, from November 2011 to May 2018.
- Lecturer, Geography & Environment, School of Social Sciences, Humanities & Languages (SSHL), Bangladesh Open University, from January 2007- October 2011.

Job Responsibilities at Bangladesh Open University

Administrative Jobs

- 1) Coordinator, Media Committee, School of Social Sciences, Humanities and Languages, Bangladesh Open University (July 2009 to September 2015 and September 2021 to date).
- 2) Member, Academic Council, Bangladesh Open University
- 3) Member, Information Rights Committee, Bangladesh Open University
- 4) Chairman, Curriculum Committee, Geography and Environment, School of Social Sciences Humanities and Languages, Bangladesh Open University
- 5) Member, School Committee, School of Social Sciences, Humanities and Languages, Bangladesh Open University
- 6) Member, Academic Council, Bangladesh Open University

Academic Jobs

- 1) Chairman, Curriculum Committee, Geography and Environment (Honours) program, SSHL, Bangladesh Open University.
- 2) Developing the Curriculum and Syllabus for the Geography and Environment (Honours) program.
- 3) Senior Faculty, BA and BSS (Degree) Program, and the NICHE 2 Program (South Korea).
- 4) Teaching courses for BA and BSS (Honours) on - (i) Introduction to Human Geography & Environment, (ii) Environmental Degradation, Risk Reduction and Management, (iii) Environmental Disaster & Management, (iv) Political Geography & Geopolitics, (v) Environmental Law & Policy, (vi) Introduction to Environmental Studies
- 5) Teaching courses for MSS in Disaster Management and Sustainable Development
- 6) Conducting all academic activities for the BSS (Degree) Program in Open and Distance Learning (ODL) Approach.
- 7) Conducting Face-to-Face and ODL classes in Open and Distance Learning Approach.
- 8) Media Coordinator, SSHL, Bangladesh Open University.

Additional Professional Experiences

1. Guest Editor, Water Resources Management, International Journal, European Water Resources Association (EWRA), Springer.
2. Reviewer, Premier Publishers, International Open Access Peer-Reviewed Journal.

Published Journal Articles and Academic Thesis (1991 - 2023)

Policy Recommendation for Strengthening Capacity for Urban Disaster Management through Open and Distance Learning in Bangladesh. (2023). *Journal of Scientific and Technological Research*.5 (1). <https://doi.org/10.59738/jstr.v5i1.23> (49-58). pvgp7215. ISSN: 2309-7167e-ISSN: 2959-7943
<https://jstr.bousst.edu.bd/index.php/jstr/article/view/8/12>

Pressure-State-Response Model for the Bakkhali River Estuary Water Quality: An Approach to Coastal Zone Management Plan, Cox's Bazar, Chattogram. Article Reference Number: JBNGA_009. *Journal of the Bangladesh National Geographical Association*. Bangladesh National Geographical Association (BNGA). (Accepted on 8th May 2022)

Akter, Shahina, and Ahmad, Saima (2022). Effects of Socio-Economic Status of Farmers upon Cropping Pattern and Productivity in Rangpur Division, Bangladesh. *Bangladesh Open University Journal of Open School*. Bangladesh Open University. 8 (1/2/3/4).

Ahmad, Saima (2021). Awareness Creation, Knowledge Development, and Dissemination for Mitigating Soil Quality Deterioration in Bakkhali River, Cox's Bazar. *International Journal of Experimental Agriculture*. 11(1): 14-23. ISSN 1923-7766 (Web Version)
https://www.academia.edu/50840065/International_Journal_of_Experimental_Agriculture

Ahmad, Saima (2020). Detrimental Consequences of Unethical Anthropogenic Interventions upon the Ecosystem of Teknaf Peninsula, Chattogram, Bangladesh. *Bangladesh Journal of Bioethics*. 11 (2):18-32.
https://www.researchgate.net/publication/346670530_Detrimental_Consequences_of_Unethical_Anthropogenic_Interventions_upon_the_Ecosystem_of_Teknaf_Peninsula_Chattogram_Bangladesh

Ahmad, Saima, and Sultana, Sabiha (2020). Physiographic and Climate Change Induced Health Hazards in Gaibandha District, Bangladesh. *Environmental and Biological Research*.2(2): 37-46. Society of Environmental Biologists. <https://ebrjournal.site>.

Ahmad, Saima, and Shamim, AHM (2019). Environmental Deterioration at the Teknaf Coast, Cox's Bazar. *Environmental and Biological Research*.1 (1): 72-83. Society of Environmental Biologists.
<https://ebrjournal.site>

Ahmad, Saima (2018). Conservation of Natural Land Elevation for Developing a Geo-Environmentally Resilient Dhaka City. *Journal of Social Sciences and Humanities*. 5 (1):161-177. ISSN 1811-1564

Ahmad, Saima (2015). Need for Modified Cyclone Warning System in the Coastal Zone of Bangladesh. *Stamford Journal of Environment and Human Habitat*. 4:41-47. Department of Environmental Science. Stamford University Bangladesh, Dhaka-1209. ISSN 2226-8898.

Ahmad, Saima & Numan, Sharker (2015). Potentiality of Disaster Management Education through Open and Distance Learning System in Bangladesh Open University. *Turkish Online Journal of Distance Education*. 6 (1):249- 260. Article 16. ISSN 1302-6488. DOI:[10.17718 /tojde.24161](https://doi.org/10.17718/tojde.24161)

Jahan, Tasrun, and Ahmad, Saima (2015). Socio-Economic Problems and Adaptation Techniques in the Cyclone Prone Coastal Areas of Bangladesh: A Study of the Fishing Communities of Urir Char and Kumira Union. *Stamford Journal of Economics*. II (I):128-143.

Ahmad, Saima (2014). Geomorphologic Characteristics and Geo-Environmental Aspects of Land Use Planning of Dhaka City. *Stamford Journal of Environment and Human Habitat*. 3:38-48. Department of Environmental Science, Stamford University Bangladesh, Dhaka-1209. ISSN 2226-8898

Ahmad, Saima (2013). Hiking Land Value and the Deteriorating Environmental Situation in Dhaka City. *Stamford Journal of Environment and Human Habitat*. 3:143-157. Department of Environmental Science, Stamford University Bangladesh, ISSN No.2226-8898.

আহমদ, সায়মা (২০০৯). ঢাকা মহানগরীর ভূ-সংস্থানগত বিপর্যয়ের বিপদাপন্নতা ও ভূমিমূল্যের আন্তঃসম্পর্ক: টেকসই উন্নয়ন প্রসঙ্গ। *ভূগোল ও পরিবেশ জার্নাল*। ৯ম বর্ষ (২০০৯): ৫৩-৬৬, প্রকাশকাল: জানুয়ারি, ২০১৫. ISSN 1680-6085

Ahmad, Saima (2009). The Deterioration of Water Bodies in Dhaka City and their impact upon the Environmental Situation of Dhaka City. *Bangladesh Journal of Geology*, V.26-28. P. 93-107. Bangladesh Geological Society.

আহমদ, সায়মা (২০০৯). ঢাকা নগরীর উন্মুক্ত ভূমি: প্রকৃতি ও বিন্যাস। *ভূগোল ও পরিবেশ জার্নাল*, ৩য় বর্ষ (২০০৩): ১১-২৫. ISSN 1680-6085

Ahmad, Saima (2004). Indoor Recreation Facilities for the Children in Dhaka City. *Journal of the Bangladesh National Geographical Association*. 32 (1 & 2): 64-73. Bangladesh National Geographical Association. ISSN 1811-0266

Ph.D. Thesis Title

Analysis of Geo-environmental Indicators for Coastal Zone Management of East Coast of the Bay of Bengal along Bangladesh. (2018). Unpublished thesis for Doctor of Philosophy, Department of Geography and Environment, University of Dhaka, Dhaka, Bangladesh.

URI: <http://repository.library.du.ac.bd:8080/xmlui/xmlui/handle/123456789/1741> Date: 2021-08-26

M.Phil. Thesis Title

Environmental Control over the Land Use and Land Value of Dhaka City: A Study in Applied Geomorphology. (2008). M. Phil. Thesis. Department of Geography & Environment, University of Dhaka.

DOI: [10.13140/2.1.4682.3202](https://doi.org/10.13140/2.1.4682.3202)

Oral and Poster Presentations at National and International Conferences and Webinars

International Webinar on **Waste Management & Sustainability**, 29th -31st May 2020, NGO Saksham, Jaipur-302017, Rajasthan, India.

Factors Functioning in Net Shoreline Movement of the Feni River Estuary, Poster presentation for the 'International Conference on Earth and Environmental Sciences & Technology for Sustainable Development, ICEEST 2020, 25- 27th January 2020, Dhaka, Bangladesh.

Conservation of Environmental and Biodiversity State of the Feni River Estuary, Chattogram: An exploratory Study through P-S-R Model, Presented in the 4th International Webinar on Bangladesh Environment (ICBEN-4), 26-28 December 2020

Adverse Impacts of Unethical Anthropogenic Activities upon the Teknaf Peninsula Ecologically Critical Area, Cox's Bazar, Poster presentation to the International Scientific Session of **ABC 20**, Bangladesh Bioethics Society (BBS), November 22-25, 2019, Dhaka, Bangladesh.

Adverse Impacts of Unethical Anthropogenic Activities upon the Teknaf Peninsula Ecologically Critical Area, Cox's Bazar, Poster presentation in the scientific session of **ABC 20**, Bangladesh Bioethics Society (BBS), November 22-25, 2019, Dhaka, Bangladesh.

Impact of the Water Body Depletion upon the Geo-Environment Situation in Dhaka City, Poster Presentation, 14th May 2014, organized by BOUTA, Bangladesh Open University, Gazipur-1705.

Geomorphological Studies on Hill-Cuttings in and around Chittagong City. International Conference on Geography and Environment Issues and Challenges, Bangladesh Geographical Society, Dhaka, December 2005.

Flood Protection Activities in and around Dhaka City, Presentation in the Seminar on Disaster Management, Bangladesh Geographical Society, Dhaka, December 1999.

Training & Workshops Attended

Workshop on Information Rights, 2009, as a member of the Information Rights Committee, 21 June 2022 organized by Bangladesh Open University, Gazipur

Workshop on Information Rights, 2009, as a member of the Information Rights Committee, 24 March 2022 organized by Bangladesh Open University, Gazipur

Outcome-Based Education (OBE) Curriculum Concepts-Models and Development Strategy, 02 June 2022, IQAU-BOU, Gazipur-1705, Outcome-Based Education (OBE) Workshop, IQAU-BOU, Gazipur-1705, 04th December 2018

International Webinar on 'Waste Management and Sustainability' organized by SAKSHAM Society and Narashingh Choudhury Autonomous College, Jaipur, India, and Stamford University, Bangladesh, 29th to 31st May 2020.

International Webinar on 'The Impact of Urban Development on Agriculture Activities at Peri-urban Areas', 20th August 2020, organized by Bangladesh National Geographical Association (BNGA) and the Department of Geography and Environment, Jahangirnagar University, Dhaka, Bangladesh.

Second National Consultation Workshop on 'Bay of Bengal Literacy', 29th June 2019, organized by Bangladesh Ocean Literacy Program, VOICE, Fisheries Biology & Genetics Department, Sher-e-Bangla Agricultural University, Dhaka.

Oral presenter at the 'International Conference on Earth and Environmental Sciences & Technology for Sustainable Development, ICEEST 2020, 25-27th January 2020, Dhaka, Bangladesh.

The 20th Asian Bioethics Conference, Bangladesh Bioethics Society (BBS), November 22-25, 2019, Dhaka, Bangladesh.

Training program on 'Hands-on Training on G Suite' organized by Daffodil International University, Dhaka and Savar, from 04th to 05 May 2019.

Workshop on 'Application of SPSS', IQAU-BOU, Gazipur-1705, 19, 20, 25, 26, and 27 November 2018.

Workshop of 'Organogram on Academic Program and Learner-Growth Projection: 2030', Organogram Committee, 05th November 2018, Bangladesh Open University, Gazipur-1705.

Workshop on 'Draft Improvement Plan', IQAU-BOU, 01st November 2018

Designing, Developing, and Delivering Online Academic Program workshop, jointly organized by Bangladesh Open University, Gazipur-1705, and Knowledge Globalization Institute, Boston, Massachusetts, USA, 26th-27th May 2014.

Training program on 'ICT & e-Learning System', organized by Bangladesh Open University, Gazipur-1705, and KOICA.

Participated in the workshop on 'Creative Methodology of Teaching & Learning', 15-28 May 2013, organized by Bangladesh Open University, Gazipur, 2012.

The SAARC workshop on 'Multimedia Programme Development', organized by Bangladesh Open University, co-sponsored by Bangladesh Ministry of Education, 2011, University Grant Commission & Commonwealth of Learning, Canada.

Attended the Conference on 'Evaluation of BA/BSS Program of Bangladesh Open University', 2007, organized by BOU, Gazipur.

Attended the Training Program on 'Academic and Research Writing/ Editing', 19-22 November 2007, organized by Bangladesh Open University.

Research Reports Conducted with the Research Grants Provided by Bangladesh Open University (2018-2024)

- 1) Urban Disaster Management Capacity in Bangladesh: An Exploratory Study through Open and Distance Learning Approach (2018-2019).
- 2) Investigating the Role of Open and Distance Learning Approach in Conserving the Floral Bio-diversity at Barishal Coast (2019-2020).
- 3) Changes in Microclimate and Biodiversity of Dhaka North City Corporation: An Exploratory Study on Rapid Urbanization (2020-2021).
- 4) Exploring the Changes in Microclimate and Biodiversity of the Dhaka North City Corporation due to Rapid Urbanization (2022-2023).
- 5) Net Shoreline Movement along Kutubdia Island, Chattogram: Impact on Microclimate and Floral Biodiversity (2023-2024).

Research Interest

Geomorphology of Urban Landscape, Urban Disaster, Coastal Geomorphology, and Geo-environment, Climate Change & Disaster, Disaster Management & Risk Reduction, Resource Management, Physiographical and Socio-economic perspectives of Bangladesh, Bio-ethics, and Environmental Education.

Other Activities

- Organized and participated in the Environment Fair on behalf of North South University, organized by the Ministry of Environment and Forest.
- Organized and participated in the First On-Campus Job Fair held at North South University.
- Participated in the cultural program of the Silver Jubilee Ceremony of the Department of Geography and Environment, University of Dhaka.

Professional Membership

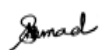
Life Member, Bangladesh Geographical Society, University of Dhaka.

Life Member, Alumni Association of Geography & Environment, University of Dhaka.

Life Member, Bangladesh National Geographical Association, Jahangirnagar University, Savar.

Referees

1. Professor Dr. Hafiza Khatun
Former Professor, Department of Geography & Environment
University of Dhaka, Bangladesh
2. Professor Tanvir Ahsan, Dean, SSSL, Bangladesh Open University, Gazipur-1705



Dr. Saima Ahmad
Professor, Geography & Environment,
School of Social Sciences, Humanities & Languages (SSHL)
Bangladesh Open University, Gazipur -1705, Bangladesh.