

## **Resume of Professor Dr. Md. Nurul Islam**



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### **CAREER OBJECTIVE**

The overarching goal is to contribute for sustainable and resilient future by addressing the scientific, social, economic, and political challenges posed by climate change through research and understanding, education and awareness, innovation and solutions, interdisciplinary collaboration, monitoring, reporting and policy development.

### **PROFESSIONAL EXPERIENCE**

Professor Islam has been in the university teaching and research profession for more than two decades. He is experienced on Geographical Information Systems (GIS) in floodplain and watershed management, research methodology, climate change and agricultural dynamics, hydrology, channel forms and dynamics, analysis of environmental component and disaster management. Apart from his permanent involvement at Jahangirnagar University, he was engaged as honorary faculty member at School of Geography, University of Nottingham, UK. Professor Islam is supervising MPhil and PhD candidates on climate change, ecosystem services, flood management, dynamics of environmental components. He is enlisted reviewer of several peer-reviewed high-impact journals (e.g. Climate Change, Land Degradation and Sedimentology). Professor Nurul Islam is also involved in development activities with several institutions and organizations. He has also served as consultant to several organizations, UNDP, WKB, Bangladesh NGO Foundation and BRAC. He is a Fellow of the British Geomorphological Society (BGS), Asian Geographers Association (AGA), River Science Network, International Geographical Union (IGU), Bangladesh National Geographical Association (BNGA), and Bangladesh Geographical Society (BGS). Professor Islam's research delves with multidisciplinary approaches; the riverine environmental issues, mainly focusing on climate change and its impact on flood, agricultural cropping dynamics, and farmer's local knowledge on soil quality assessment and agricultural crops suitability. He is also familiar with application of Remote Sensing and GIS for Bayesian Decision-Support System (BDSS) and SPSS for statistical operations along with geostatistical analysis in spatial modelling for climate variability, watershed and disaster risk assessment.

## **EDUCATION**

2011	PhD	Geography, University of Nottingham, UK.
1993	MSc (Thesis)	Geography, Jahangirnagar University, Bangladesh, Class: First
1992	BSc (Honours)	Geography, Jahangirnagar University, Bangladesh, Class: First
1989	HSC	Rajshahi College, Rajshahi, Class: First
1987	SSC	Lokenath High School, Rajshahi, Class: First *

## **PROFESSIONAL EXPERIENCES**

- ❖ Professor (2015 to present) - Dept. of Geography & Environment, Jahangirnagar University.
- ❖ Associate Professor (2011-2015) - Dept. of Geography & Environment, Jahangirnagar University.
- ❖ Assistant Professor (2003 – 2011) - Dept. of Geography & Environment, Jahangirnagar University.
- ❖ Assistant Professor (2003-2011) - Dept. of Geography & Environment, Jahangirnagar University.
- ❖ Assistant Professor (2001-2003) – Dept. of Geography, University of Chittagong.
- ❖ Lecturer (1998-2001) – Dept. of Geography, University of Chittagong.
- ❖ Lecturer (1997-1998) – Dept. of Geography and Environmental Studies, University of Rajshahi.

## **HONORARY POSITIONS**

2011-2014	Honorary Lecturer, School of Geography, University of Nottingham, UK
2016-2019	Honorary Lecturer, School of Geography, University of Nottingham, UK
2019-2022	Honorary Assistant Professor, School of Geography, University of Nottingham, UK

## **PROFESSIONAL SOCIETIES AND ASSOCIATIONS**

- ❖ Sectary General, Bangladesh National Geographical Association (BNGA), Executive Committee (2019 to date)
- ❖ National member, International Geographical Union (IGU), 2018 to date.
- ❖ National member, International Geomorphological Association (IGA), 2022 to date.
- ❖ Convener, 15<sup>th</sup> Bangladesh International Geographical Conference-2018. Water issues and Sustainable Development, Jahangirnagar University, Dhaka, Bangladesh.
- ❖ Member, River Science Network, 2011 to date (<http://riverscience.wikidot.com/nurul-islam>).
- ❖ Coordinator, Training of Trainer, Duke of Edinbrough, UK, Jahangirnagar University Unit, Bangladesh, 2011- 2013.
- ❖ Postgraduate student representative, School of Geography, University of Nottingham, UK (2008-2009).

- ❖ Life member, Bangladesh Geographical Society, University of Dhaka, Bangladesh.
- ❖ Life member, Bangladesh National Geographical Association, Dhaka, Bangladesh.
- ❖ Life member, National Oceanographic and Maritime Institute, Dhaka, Bangladesh.
- ❖ Life member, Registered Graduate, Jahangirnagar University, Dhaka-1342, Bangladesh.
- ❖ Executive Member, Biodiversity Research Group of Bangladesh, University of Chittagong, Chittagong-4331, Bangladesh (2000-2001).

### ***AREA OF SPECIALIZATION***

Climate Change and Agricultural Hazards, Land cover and land use dynamics due to human and natural interferences, Environmental degradation, Water and Sanitation, Natural Disaster and Rural livelihood Floodplain sedimentation and agricultural crop dynamics.

### ***INTERNATIONAL ACADEMIC LINKS***

- ❖ University of Nottingham, UK, Academic and Research Exchange Program.
- ❖ Chinese Academy of Science (CAS) , IGNRR, Beijing, Collaborative Research
- ❖ University Sains Malaysia, Academic and Research Exchange Program.
- ❖ Tribubon University, Nepal, Collaborative Research

### ***AWARDS***

- 2010/11     University of Nottingham Endowed Postgraduate Prize, UK.
- 2001        Fellowship by the NASDA (Japan), AIT, Thailand.
- 1992-93     Scholarship by the Jahangirnagar University, Dhaka, Bangladesh
- 1989-92     Scholarship by the Jahangirnagar University, Dhaka, Bangladesh
- 1987-89     Scholarship by the Board of Intermediate and Secondary Education, Rajshahi, Bangladesh.

### ***ADMINISTRATIVE EXPERIENCES***

- ❖ Former Director, Institute of Remote Sensing and Geographic Information System, JU. (2024)
- ❖ Chairman, Dept. of Geography, University of Chittagong (2001-2003).
- ❖ Chair, Physical Geography, Dept. of Geography and Environment, JU (2016 to date).
- ❖ Teachers in Charge, Bangladesh National Cadet Core (BNCC), JU (2014-2016).
- ❖ Warden, Sahid Abdur Rab Hall, University of Chittagong (1998-2000).
- ❖ House Tutor, Mawlana Abdul Hamid Vasani Hall, JU (2003-2006).

## PROFESSIONAL ENGAGEMENTS

The following table presents my consulting assignments and research experiences with different Agencies.

<i><b>Name of the Agency</b></i>	<i><b>Study/work Title</b></i>	<i><b>Role</b></i>
ANSO	Assessing Households Adaptive Capacity to Climate Change in the Diverse Socio-cultural and Geographical Landscapes of South Asia. (Consortium of China, Nepal, India, Bangladesh) 2021-2024. Alliance of International Science Organizations (ANSO)	Country Lead partner
UNDP	District Climate Risk and Adaptation Monitor (DCRAM) TO “Local Government Initiative on Climate Change (LoGIC) Project; 2021-2022.	Technical Supervisor-Climate Risk and Adaptation Monitoring
JU-WKB-SUB (USAID)	Promoting democratic governance and collective advocacy for environmental protection in Dhaka city; 2021-2023.	Consortium Lead Partner
Dhaka South City Corporation (DSCC)	Dhaka Metropolitan Integrated Master Plan (2020-2050); 2021-2022	Member of Technical Management committee
UGC-World Bank	Higher Education Quality Enhancement Project (HEQEP); 2014-2016.	Sub Project Manager
BRAC-IUCN	Food security, water productivity and poverty: Ecosystems for Life: A Bangladesh-India Initiative; 2013.	National Consultant
Bangladesh NGO Foundation (BNF).	Monitoring and Evaluation of the Socio-economic development in Bangladesh (2014 to Date).	Monitoring Adviser
Aryanak Foundation,	Chunati forest cover change in Bangladesh: Application of GIS and RS; 2012-2013.	Team member

## RESEARCH PROJECTS COMPLETED

- 2023-2024: Name of Project: Indigenous knowledge on soil taxonomy and fertility of the Sangu River valley in Bangladesh, Funded by University Grant Commission, Bangladesh.
- 2019-2020: Name of Project: An Assessment of Agricultural Growth and Employment Program (AGEP) in Chittagong Hill Tracts. Funded by University Grant Commission, Bangladesh.
- 2018-2019: Name of Project: An analysis of river bank erosion: A case study on the Arial Khan River in Bangladesh. Funded by University Grant Commission, Bangladesh.
- 2018-2019: Name of Project: Soil fertility evaluation and management by smallholder farmer communities of Bangshi floodplain in Bangladesh. Funded by Jahangirnagar University, Dhaka, Bangladesh.

- 2017-2018: Name of Project: Landslides Hazards in the Hill Tracts of Bangladesh: An Analysis of Causes, Impact and Mitigation Strategies. Funded by Ministry of Science and Technology, Bangladesh.
- 2011-2013: Name of Project: Higher Education Quality Enhancement Project  
Name of sub-Project: Quality Improvement of Teaching-Learning in the Department of Geography and Environment, JU. Funded by World Bank.
- 2011-2012: Farmers vernacular Knowledge about soil taxonomy and crop suitability in the Banshi floodplain of Bangladesh. Funded by Jahangirnagar University, Bangladesh.
- 2011-2012: Farmers decision making processes about the agriculture crop selection in the Jamuna floodplain of Bangladesh. Funded by University Grant commission Bangladesh.
- 2005-2006: Rainfall Variability of Bangladesh, Funded by faculty of Social Sciences, Jahangirnagar University, Dhaka-1342, Bangladesh.
- 2004-2005: Hill Cutting and its Impact on the Drainage system in Chittagong City, Funded by the Faculty of Social Sciences, Jahangirnagar University, Dhaka-1342, Bangladesh.
- 2003-2004: Risk Assessment of Hill cutting in Chittagong City, Funded by the Faculty of Social Sciences, Jahangirnagar University, Dhaka-1342, Bangladesh.

## **PUBLICATIONS**

- [1]. Shrestha, S., Chapagain, P.S., Dhakal, M., Rai, S.C., Islam, M.N., Zhang, Y., Yan, J., Liu, L., Paudel, B. 2024. Climate change policy instruments in agriculture sector: From policy to adaptation practice at local level in Nepal. *The Geographical Journal of Nepal*.17: 1-22, DOI: <https://doi.org/10.3126/gjn.v17i01.63932>.
- [2]. Paudel, B., Chapagain, P.S., Shrestha, S., Zhang, Y., Liu, L., Yan, J., Rai, S.C., **Islam, M.N.**, Banskota, T.R., Poudel, K.R., and Dhakal, K.R. 2022. Perception and Understanding of Climate Change and Its Impact in Gandaki River Basin, Central Himalaya, Nepal. *Atmosphere*. 13, 2069. <https://doi.org/10.3390/atmos13122069>
- [3]. Hossain, M.B., **Islam, M.N.**, Alam, M.S. and Hossen, M.Z. 2020. Seasonal Variation of Heavy Metal Concentrations in Farm Soils of Sreepur Industrial Area of Gazipur, Bangladesh: Pollution Level Assessment. *American Journal of Environmental Sciences*, 16(4): 68-78, (doi: 10.3844/ajessp.2020.68.78).
- [4]. Majumder, K.A., Kundu, A.K., Hossain, M.S., Nayeem, A.A. and **Islam, M.N.** 2020. Particulate Matter Concentration Dynamics in the Air: Study from Sylhet City, Bangladesh. *The Jahangirnagar Review*, Part II: Social Sciences, XLI (2&7): 175-184, ISSN 1682-7422.
- [5]. Akter, M.K., **Islam, M.N.**, Nayem, T. 2019. Local knowledge to assess land, soil quality and crop associations: A Case Study of Debiganj Upazila in Bangladesh. *International Journal of Scientific and Research Publications*, 9 (3), 357-365, ISSN 2250-3153, <http://www.ijsrp.org/research-paper-0319.php?rp=P878366>.

- [6]. Hossain, M., Islam, M.N, Alam, M.S., and Hossen, M. Z. (2019). Industrialization Scenario at Sreepur of Gazipur, Bangladesh and Physio-chemical Properties of Wastewater Discharged from Industries. *Asian Journal of Environment & Ecology*, 9(4), 1-14. <https://doi.org/10.9734/ajee/2019/v9i430103>
- [7]. Lasker, M. S., Dio, L.M., Chowdhury, M.H., Hossain, S. **Islam, M. N** and Chowdhury, M.J. 2019. Lifestyle of the Nomadic River Gypsies and their Threat Narrative: A Tale of Two Villages in Bangladesh. *Int J Environ Sci Nat Res.*; 17(4): 555973. (DOI: 10.19080/IJESNR.2019.17.555973).
- [8]. Khan, T. **Islam, M.N.** and Islam, M.N. 2018. Climate Variability Impacts on Agricultural Land Use Dynamics in the Madhupur Tract in Bangladesh. Springer Publication, ISBN: 978-3-319-26355-7. (DOI: 10.1007/978-3-319-26357-1).
- [9]. Nahar, K. Laskar, M.S. and Islam, **M.N.** 2018. Impact of Continual Natural and Anthropogenic Induced Disaster: Endangered Mangrove forest in Bangladesh, *Samaj Biggayan Samikkha (Social Science Review)*, 2:147-164, ISSN 2309-6934.
- [10]. Fahim, F., Khan, T.I. and Islam, **M.N.** 2018. Impact of sound pollution on human life: A case study on Ramna Thana, Dhaka. *Samaj Biggayan Samikkha (Social Science Review)*, 2:123-134, ISSN 2309-6934.
- [11]. Nahar, K and Islam. M.N. 2018. An Analysis of Safe Drinking Water Supply System: A case study on Shyamnagar Upazila of Satkhira District. *Jahangirnagar University Vugol o Poribesh Somikhon (A Journal of Geography)* Department of Geography and Environment, Jahangirnagar University, Bangladesh Vol. 36/2017:13-30, ISSN 1027-8567.
- [12]. Lasker, S., Rahman, S., Rakib, M. R., and **Islam, M.N.**, 2018. Hydrological Dynamics of the Padma Multipurpose Bridge Project Area in Bangladesh. *The Jahangirnagar Review, Part II: Social Sciences*, 11(2): 41-52, ISSN 1682-7422.
- [13]. Rakib M. R., Islam, M.N., and Islam, M.N., 2017 Flood Vulnerability Mapping to Riverine Floods: A Study on the Old Brahmaputra River, *American Journal of Geosciences* 7 (2): 47-58. (DOI: 10.3844/ajgsp.2017.47.58).
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- [15]. Rakib, M.R., Islam, M.N. and **Islam, M. N.** 2017. Vulnerability Assessment and adaptive Strategies to Riverine Floods: A Case Study on old Brahmaputra River. *Journal of the Bangladesh National Geographical Association (BNGA)*, 39(1&2)/2011:15-29, ISSN 1811-0266.
- [16]. Rakib, M.R., Redwan, and **Islam, M. N.** 2017. Hydrological Characteristics of the Arial Khan River in Bangladesh. *Jahangirnagar Review, Faculty of Social Sciences, Jahangirnagar University, Bangladesh*, 2(38)/2014: 63-74, ISSN 1682-7422.
- [17]. Afroz,L., Das, S.C. and **Islam, M. N.** 2017. Violence against Women: A Case Study of Pirganj Upazila in Thakurgaon District. *Jahangirnagar Review, Faculty of Social Sciences, Jahangirnagar University, Bangladesh*, 2(38)/2014: 217-228, ISSN 1682-7422.
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- [20]. Khan, T.I., **Islam, M.N.** and Rakib, M.R. 2016. Climate Change Impacts on Agriculture: A Study on Tangail District in Bangladesh. Jahangirnagar University *Environmental Bulletin*, 5:37-49, ISSN 2304-3326.
- [21]. Khan, T.I., **Islam, M. N.** and Islam, M.N. 2016. Analysis of the impacts of climate change in Bangladesh floods. Jahangirnagar University *Vugol o Poribesh Somikhon (A Journal of Geography)* Department of Geography and Environment, Jahangirnagar University, Bangladesh Vol. 34/2015:1-16, ISSN 1027-8567.
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## CONFERENCE PRESENTATIONS

- **Nurul Islam**, The 16th Asia-Oceania Group on Earth Observations (AOGEO) Symposium, Tokyo, Japan, 3- 5 September, 2024.
- **Nurul Islam** , United Nations Climate Change Conference, COP-28, Dubai, UAE. 30Nov-12 Dec, 2023.
- **Nurul Islam** , The Third pole Environment (TPE), International Symposium, Chongqing, China, 14-17 November, 2023. Farmer's knowledge on sedimentation and practices in agricultural crops of the Brahmaputra-Jamuna floodplain, Bangladesh.
- **Nurul Islam (Panel Discussant)**, Delivered a lecture in panel discussion of Commission of Karst entitled theme The Role of Karst Landforms Sustainability in Biodiversity for Future Earth in IGU, India International Conference (Virtual), 2020 on "Global to Local Sustainability and Future Earth" during December 18th -20th, 2020 organized by the Department of Geography, MLSU, Udaipur (Raj.), India.
- **Nurul Islam**, Bankline shifting of the trans-boundary River Teesta in Bangladesh, in IGU, India International Conference (Virtual), 2020 on "Global to Local Sustainability and Future Earth" during December 18th -20th, 2020 organized by the Department of Geography, MLSU, Udaipur (Raj.), India.
- **Nurul Islam** and Kamrun Nahar, Transportation Perspective on the Concept of Urban Dualism: A Case Study of Dhaka City, Bangladesh. The 4<sup>th</sup> Asian Conference on Geography, Sun Yat-sen University, Guangzhou, 6-10 December, 2018.
- Sujoun Lasker, **Nurul Islam** and Rezaul Rakib, Application of GIS and RS to Monitoring Bar Dynamics and Channel shifting of the Padma-Jamuna Confluence in Bangladesh, International Conference on Sustainable Development, Integrated Water Resources Management, ULAB, Dhaka, Bangladesh, 4-5 February, 2016.
- **Nurul Islam**, Colin Thorne and Nick Mount, Impact of sedimentation on agricultural land use of the Jamuna Floodplain, Bangladesh. Advances in River Sciences, Swansea University, UK. 18 - 21 April 2011.
- **Nurul Islam**, Colin Thorne and Nick Mount, Sedimentation and agricultural land use dynamics of the Brahmaputra-Jamuna Floodplain in Bangladesh. British Society for Geomorphology (BSG/BGRG) Annual Conference, Durham University, UK. 7 - 9 September 2009.
- **Nurul Islam**, Overland flow and sedimentation: A case study from Jamuna floodplain of Bangladesh. British Society for Geomorphology (BSG/BGRG) Annual Conference , 2-4 July 2008, University of Exeter, UK , 2 – 4 July 2008, University of Exeter, UK.
- **Nurul Islam**, A comparative study of mean sea level pressure of Chittagong during 1950-80 and 1981-99, Presented at the BGS international conference, University of Dhaka, Bangladesh, 2000
- **Nurul Islam**, Ship, Breaking and Environmental Hazards: A case study on Shitakund in Chittagong, Presented at the 9th National Geographical conference, Rajshahi University, Bangladesh, 2000.

## **WORKSHOPS ATTENDED**

- ❖ Land use and land cover change and its impact on ecosystem and sustainable development in High Asia, 18-19 March, 2019, New Delhi, India.
- ❖ Bridging GIS, Landscape Ecology and Remote Sensing for Landscape planning, 3-6 July 2009, Salzburg University, Austria.
- ❖ Geoinformatics Forum (GI\_Forum) Conference, 7-10 July 2009, Salzburg University, Austria
- ❖ International Association of Landscape Ecology (IALE) European Conference, 13-16 July, 200, Salzburg University, Austria
- ❖ Windsor post-graduate research symposium. Week –long training workshop provided by the training workshop British Society for Geomorphology, December 2006.
- ❖ Stream reconnaissance training, Workshop provided by the Midlands Research Training Consortium, 2006
- ❖ Analysis of Glacial sediment , Training workshop provided by the Midlands Research Training Consortium, 2006
- ❖ Analysis of laminated lake sediment, Training workshop provided by the Midlands Research Training Consortium, 2006
- ❖ Beyond monkeys pushing buttons: customizing ARC GIS with Visual Basic, Training workshop provided by the Midlands Research Training Consortium, 2006
- ❖ Environment and Environmental Law, Jointly organized by Bangladesh Environmental Lawyers Association (BELA) and UNDP, Dhaka, Bangladesh. 24-29 September, 2005.
- ❖ South Asian Lightning Awareness Program (SALAP), from the Department of Physics, Jahangirnagar University, Dhaka, Bangladesh. December 17, 2004.
- ❖ Training Course on Potential and Application of Microwave Remote Sensing, GIS Application Center, STAR Program, Asian Institute of Technology, Thailand. 27th August – 7th September 2001.
- ❖ Summer Workshop on Climatology & Meteorology, From the Department of Geography & Environmental Studies, University of Rajshahi, Rajshahi, Bangladesh. June 12-26, 1999.
- ❖ Coastal Quaternary of Bengal Basin: Quaternary mapping (Geological), Biostratigraphy, Remote Sensing and GIS, from the Bose Institute of Calcutta in India. January 04-09, 1999
- ❖ Geographic Information System (GIS); GIS Basics, Vector and Raster formats of Spatial and attribute data, Data capture, Conversion, Editing, data management and analysis on IDRISI and PC/ARC Info environment and use of GPS, from the Department of Geography & Environment, Jahangirnagar University, Dhaka, Bangladesh. July 01-28, 1997

## SOFTWARE KNOWLEDGE

- ❖ Arc GIS and Arc view GIS.
- ❖ Bayesian Network.
- ❖ Erdas Imagine.
- ❖ LS Coulter Counter.

## EDITORIAL ENGAGEMENTS

2022- to date	Guest Editor, Special Issue "Land Use and Land Cover Change and Their Impacts on the Environment in Tibetan Plateau and Surrounding Areas". Land.
2021-2022	Member of the Editorial Board, <i>Jahangirnagar University Review</i> . Faculty of Social Sciences, Jahangirnagar University, Savar, Dhaka, Bangladesh.
2019-2020	Member of the Editorial Board, <i>Journal of the Bangladesh National Geographical Association (BNGA.)</i>
2012-2013	Editor, <i>Bhugol o Poribesh Somikhan</i> , Jahangirnagar University, Dhaka, Bangladesh.

## SUPERVISED STUDENTS AND THESES/DISSERTATION

MPhil/PhD Students	Year	Title
Chowdhury, R. (PhD)	2022	<i>Impact of Riverbank Erosion on Women at Kedarpur Union in Shariatpur District: A Journey from Vulnerability to Resilience</i>
Afroz, L. (PhD)	2022	<i>Climate Variability and Its Impact on Cropping Pattern in the North western Part of Bangladesh</i>
Biswas, S. (PhD)	2018	<i>Salinity Intrusion into the Coastal Soil and it's Impact on Agriculture Crops in Bangladesh</i>
Hassan, M. (MPhil)	2017	<i>Water Politics of Transboundary River: A Case Study on the Teesta River</i>
Hossain, B. (PhD)	2017	<i>Environmental Consequences of Industrialization in Soil and Water in Gazipur: A Case study of Sreepur Upazila in Bangladesh</i>

MSc Students	Year	Title
Bhuiyan, M.R.H.	2019	<i>Assessment of Agricultural Crops Dynamics of the Gomti floodplain in Bangladesh</i>
Nahar, Kamrun	2018	<i>Ecosystem Assessment: A Case Study on Mangrove (Sundarban) Forest in Bangladesh</i>
Hamidi, S.	2018	<i>Assessment of floodplain ecosystem services.</i>

Khan, M.T.	2017	<i>Flood Frequency Analysis by Probability Methods for the Jamuna River, Bangladesh.</i>
Lasker, M.S.	2016	<i>Hydro- Morphological Dynamics of the Padma Multipurpose Bridge project Area.</i>
Rahman, S.	2016	<i>River Training Program and Hydro Morphological Dynamics: A Case Study of Bangabandhu Bridge at Jamuna River.</i>
Sobnam, M.	2015	<i>An Analysis of bank line shifting and floodplain development of the Teesta River in Bangladesh.</i>
Akter, S.	2015	<i>Land types, irrigation and agricultural crop production in south-western region in Bangladesh.</i>
Khan, M.A.	2014	<i>Impact of climate change on Agricultural cropping pattern of the Manikganj District in Bangladesh.</i>
Kabir, H.	2014	<i>Application of GIS and RS to analyze the coastal erosion and accretion at the South-Eastern Coast of Bangladesh.</i>
Hossain, S.M.	2013	<i>Causes and consequences of contemporary Sedimentation: A case from the Bhairab River in of Bangladesh.</i>
Saleheen, S.	2013	<i>Environmental Profiling of Saint Martin Island for Developing Zone specific planning policy.</i>
Rahman, Z.	2012	<i>Climate Change Impact on flood hazards in Bangladesh.</i>

<b>Undergraduate Students</b>	<b>Year</b>	<b>Title</b>
Islam, R.	2018	<i>Flash Flood Risk Assessment in North-Eastern Region of Bangladesh: A Case Study on Tanguar Haor</i>
Nahar, Kamrun	2017	<i>Sedimentation in Mangrove (Sundarban) Forest: Quantities and Patterns.</i>
Khosru, M.M.O.	2017	<i>Effect of sedimentation on agricultural land use: a case study on old Brahmaputra floodplain in Bangladesh.</i>
Khan, T.I.	2016	<i>Climate variability and it's impact on agricultural land use dynamics in Madhupur tract in Bangladesh.</i>
Lasker, S.	2015	<i>Application of GIS and RS to Monitoring Bar Dynamics and channel Shifting of the Padma Jamuna Confluence in Bangladesh.</i>
Rahman, S.	2014	<i>Bank Line Shifting of the lower reach of the Padma River in Bangladesh</i>

Popy, S.	2014	<i>Framer's vernacular knowledge to assess the soil quality and agriculture crop association.</i>
Akter, M.K.	2014	<i>Local knowledge to assess land, soil quality and crop associations: A Case Study of Debiganj Upazila in Bangladesh</i>
Khan, M.M.A	2013	<i>Impacts of climate change on cropping pattern: a case study of Manikganj in Bangladesh</i>
Masum, A.A.	2012	<i>Water extraction mechanisms and agriculture production of the south-western region in Bangladesh.</i>

### **ACADEMIC REFEREES**

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