



## CURRICULUM VITAE OF DR. MD. HUMAYUN KABIR

I have obtained research experience in working as an investigator and local collaborator in a health and hygiene related project on Rohingya refugees funded by Medical Research Council, UK coordinated by London School of Hygiene and Tropical Medicine (LSHTM), UK during April 2019-September 2021. A couple of research papers are in the process of publication. Some of my research collaborations include with the University of Salzburg, Austria, University of New Castle, Australia, University of Huddersfield, UK, Tribhuban & Kathmandu Universities, Nepal, and Institute for Global Environmental Strategies (IGES), Japan etc.

### PERSONAL DATA

Name	<b>MD. HUMAYUN KABIR</b>
Permanent Address	Village- Boalmari, P.O. Nilmoniganj District: Chuadanga, Bangladesh
Mailing Address	Department of Geography and Environment University of Dhaka, Dhaka 1000, Bangladesh
Cell Phone	+ 880-1717711 024, +8802-9661920-73, extn- 7272 (Office)
Fax	+8802-8615583
Email Address	<a href="mailto:mhk.geoenv@du.ac.bd">mhk.geoenv@du.ac.bd</a> ; <a href="mailto:mh_kabir@yahoo.com">mh_kabir@yahoo.com</a>
Place of Birth	Chuadanga, Bangladesh
Gender	Male
Nationality	Bangladeshi

### EDUCATION

February 2011	Ph.D. <u>Thesis</u> : Renewable Energy as a Perspective for Power Supply and Greenhouse Gas Emission Reduction in Bangladesh, Department of Geography, Climatology Section, Humboldt University of Berlin, Germany.
March 2006	M.Sc. Natural Resources Management, School of Environment & Development, Asian Institute of Technology, Thailand (with <b>most outstanding academic award</b> ), <u>Thesis</u> : Economic Importance of Wetland Resources and Community Participation: A Case Study in Tanguar <i>Haor</i> , Bangladesh.
June 1997	M.Sc. Department of Geography, University of Dhaka ( <b>First Class First</b> ) <u>Thesis</u> : Location and Environmental Impact Analysis of Brickfields in Dhaka City and Its Surrounding Areas.
June 1996	B.Sc. (Hons), Department of Geography, University of Dhaka ( <b>First Class First</b> )
March 1993	H.S.C., Kushtia Government College, Kushtia ( <b>First Class</b> )

March 1991 S.S.C., Nilmoniganj High School, Chuadanga (**First Class**)

## PROFESSIONAL EXPERIENCES

11 Feb'2015 onward	<b>Professor</b> , Department of Geography and Environment, University of Dhaka
Nov' 2011-Feb' 2015	<b>Associate Professor</b> , Department of Geography and Environment, University of Dhaka
May 2006-Nov' 2011	<b>Assistant Professor</b> , Department of Geography and Environment, University of Dhaka
2003-2005	<b>Lecturer</b> , Department of Geography and Environment, University of Dhaka (24 May 2003-26 May 2006).
2000-2003	<b>Research Officer</b> , Disaster Research, Training and Management Center (DRTMC), University of Dhaka (June 2000-May 2003).

### Work Experience on Disaster Management

**Executive Committee Member:** Disaster Research, Training and Management Centre, University of Dhaka

**Coordinator:** November 2006 to March 2008 & March 2015 to September 2018, Post Graduate Programs in Disaster Management (PPDM), BRAC University, Mohakhali, Dhaka

**Part-time faculty** BRAC University, Asia Pacific University, Southeast University, North-South University, Independent University of Bangladesh (IUB)

**Courses Taught at Dhaka University:** Research Methods in Human Geography and Environment, Physical Geography of Bangladesh, Environmental Management (undergrad level); Biodiversity Conservation, Natural Resources Management, Environmental Analysis and Management (Masters/Phd Levels), Disaster Management: Geography and Environmental Perspectives (evening programme on Disaster Management)

## PUBLICATIONS

### Books

1. **Kabir, H.**, Ahmed, A. and Islam, T. (2023). *Resilience: Status of Urban Communities in Bangladesh*, NGO Forum for Public Health, Dhaka.
2. Khatun, H. K., Baqee, A. and **Kabir, H.** (ed.) (2019). *People at Risk: Disaster and Despair*, Disaster Research, Training and Management Centre (DRTMC), University of Dhaka.
3. Khatun, H.K., Ahmad, N., Mahub, A.Q.M. and **Kabir, H.** (ed.) (2018). *Environment and Sustainable Development in Bangladesh: Geographical Perspectives*, Department of Geography and Environment, University of Dhaka.
4. **Kabir, M.H.** and Endlicher, W. (2012). *Exploitation of Renewable Energy in Bangladesh*, A H Development Housing, Dhaka.
5. **Kabir, M.H.** and Amin, S.M.N. (2007). *Tanguar Haor: A Diversified Freshwater Wetland*: Academic Press and Publishers Library, Dhaka.
6. Mallick, F.H., Ahmed, K.I., Kabir, K. and **Kabir, M.H.** (2008). *Improved Housing and Construction of Rural Housing in Noakhali*, IUCN Bangladesh Country Office, Dhaka.
7. Islam, M.S., Rahman, M.M., **Kabir, M.H.** and Islam M.S. *Learning Geography and*

### Book Chapters

1. Kabir, M.H., Hyder, N.B. and Mitra, B.K. (2023). Landuse Change and Degradation of Belai Beel at Gazipur, Bangladesh: Application of the Circulation and Ecological Sphere Approach win-win solutions. *Springer Nature (accepted)*.
2. Khatun, H. and **Kabir, M.H.** (2020). Evaluation and Vulnerability in Disaster Prone Areas in Bangladesh, in S. Zaveri and R. Nandi (edited): *Local Wisdom Matters: Reflections on Evaluation Theory and Practice from South Asia*: GENSA and COE, New Delhi.
3. Khatun H, **Kabir H.** and Nahar L. (2021). Outmigration as Survival Strategy for Char Dwellers in Bangladesh: Case Studies of Three Major Riverine Chars. In Mohammad Zaman and Mustafa Alam (eds) *Living on the Edge: Toward an Inclusive and Integrated Char Development in Bangladesh*. Springer.
4. Ahmad Z. and **Kabir, M.H.** (2020). Adaptation to Agriculture in Climate Change: A Study in Jamuna River Char Areas. In Mohammad Zaman and Mustafa Alam (eds) *Living on the Edge: Toward an Inclusive and Integrated Char Development in Bangladesh*. Springer.
5. Khatun, H. and **Kabir, H.** (2020). Evaluation and Vulnerability in Disaster Prone Areas in Bangladesh, Paper Presented in the International Conference on Mobilizing South Asian Local Knowledge to Democratize Evaluation Theory and Practice, 18-19 July, Colombo (coming up in a book, in press). Edited by Sonal Zaveri.
6. **Kabir, M.H.** (2019). Natural Resources Appraisal in Bangladesh, in S.T. Islam and A. Paul edited, *Geography of Bangladesh: Method, Approach and Applications*, 222-240 pp. Routledge.
7. Sumiya, N.N., Ali, A.B. and **Kabir, M.H.** (2019). Flash Floods in the Northeastern Bangladesh: Looking Back-Moving Forward, in H. Khatun, A. Baqee and H. Kabir (ed.), *People at Risk: Disaster and Despair*, Disaster Research Training and Management Centre (DRTMC), University of Dhaka, 211-230 pp.
8. **Kabir, H.** and Maknun, S.S. (2018). Urban Disaster Resilience of Dhaka North City Corporation: A Study at Zone Levels, in H. Khatun, N. Ahmad, A.Q.M. Mahub and H. Kabir (ed.), *Environment and Sustainable Development in Bangladesh: Geographical Perspectives*, Department of Geography and Environment, University of Dhaka.
9. **Kabir, M.H.**, Maknun, S.S. and Jakaria, M. (2017), Energy Interdependency in South Asia, in Sumona Bandyopadhyay, André Torre, Paulo Casaca and Tomaz Ponce Dentinho (ed.), *Regional Cooperation in South Asia*, Springer.
10. Rashid, M.A. and **Kabir, M.H.** (2009). Assessment of the Possibility of Developing Ecotourism in the Saint Martin's Island, Bangladesh (reprinted), in S.M.N. Amin edited, *Coastal Environments in Bangladesh*, Academic Press and Publishers Library, Dhaka.
11. **Kabir, M.H.** and Mahub, A Q M (2008). Man-Made Disaster: The Case of Open Air Brick Fields in and around Dhaka City (reprinted), in Rosie, M. Ahsan *et al.* edited, *Disaster: Issues and Gender Perspectives*, Bangladesh Geographical Society, Dhaka.
12. **Kabir, M.H.** and Endlicher, W. (2013). Supplementing Electricity through Solar PV Systems, in A. M. Dewan and R. Corner (editors), *Dhaka Megacity: Geospatial Perspectives on Urbanisation, Environment and Health*, Springer pp. 203-218, [http://link.springer.com/chapter/10.1007/978-94-007-6735-5\\_11](http://link.springer.com/chapter/10.1007/978-94-007-6735-5_11).
13. **Kabir, M.H.** (2002). The Graveyards of Dhaka City: A Geographical Assessment, in Nazrul Islam and M. A. Baqee edited, *Nagarayonay Bangladesh (Urbanization in Bangladesh)* in Bengali, Department of Geography and Environment, University of Dhaka, pp. 234-248.

## Articles

1. Azmery, S.I., **Kabir, M.H.** and Bhuiya, M.F.R. (2023), Wetland Degradation and Conservation of Natural Resources in Haor Areas: A Study at Tahirpur and Dharmapasha Upazilas of Sunamganj District, *Journal of the Asiatic Society of Bangladesh (Science)*.
2. Kabir, M.H., Ahmed, A. and Faruk, M.O. (2023). Integration of Local Community in Sustainable Forest Management in the Central Coastal Area of Bangladesh, *The Dhaka University Journal of Earth and Environmental Sciences*, 11 (2).
3. Rahman, F. and **Kabir, M.H.** and Ferdous, M. (2021). Impacts of Topsoil and Surface Water Kabir, M.H., Ahmed, A and Faruk, M.O. (2023). Integration of Local Community in Sustainable Forest Management in the Central Coastal Area of Bangladesh, *The Dhaka University Journal of Earth and Environmental Sciences*, 11 (2).
4. Krishnan, S., Zaman, S., Ferdous. M., **Kabir, M. H.**, Khatun, H., Rahman, S., Marzouk, M., Bagale, A.D. and Howard, N. (2022). How can humanitarian services provision during mass displacement better support health systems? An exploratory qualitative study of humanitarian service provider perspectives in Cox's Bazar, Bangladesh, *Journal of Migration and Health*, Vol. 6, <https://doi.org/10.1016/j.jmh.2022.100132>.
5. Rahman, F. and **Kabir, M.H.** and Ferdous, M. (2021). Impacts of Topsoil and Surface Water Salinity on Agriculture: A Study at Paikgachha, Khulna, *The Dhaka University Journal of Earth and Environmental Sciences*, 8 (2): 25-32.
6. Hossain, M. A. and **Kabir, M.H.** (2022). Attaining Nationally Determined Contributions of Bangladesh through Greenhouse Gas Emission Reduction: Role of Solar PV Systems, The Centennial Volume of the Dhaka University Journal of Earth and Environmental Sciences , vol.10 (3) , Centennial Volume (Special) Faculty of Earth and Environmental Sciences , pp.43-52.
7. Sumiya, N.N and Kabir, M.H. (2021). Unveiling the Concealed Vulnerabilities to Covid-19 of Low-Income People in Dhaka City: Consequences and Adjustments, *The Dhaka University Journal of Earth and Environmental Sciences*, vol.10 , no.2 Faculty of Earth and Environmental Sciences , pp.9-20 , 2021.
8. Ahmed, I. and Kabir, M.H. (2021). Building Codes and Regulations for Disaster Resilience in Bangladesh: The Case of Dhaka, *International Journal of Disaster in the Built Environment*, Vol. ahead-of-print, No. ahead of print. <https://doi.org/10.1108/IJDRBE-05-2020-0039>.
9. Ahmed, I., Gajendran, T., Brewer, G., Maund, K., Von Meding, J., **Kabir, H.**, Sitoula, N. (2019). Opportunities and challenges of compliance to safe building codes: Bangladesh and Nepal. *APN Science Bulletin*, 9(1). doi:10.30852/sb.2019.834.
10. Galib, S.A., Khan, M.R.I., **Kabir, M.H.** and Abdullah, S.Z. (2019): A Study on the Occupational Safety and Health in Perspective of Disaster Management Approach: Research on Ready-Made Garments Sector of Bangladesh, *North American Academic Research*, vol. 2, no.11 , pp.196-218.
11. Helaly, A.L. and **Kabir, M.H.** (2017 & 2018) (printed in 2019). Risk Sensitive Landuse Planning for Resilient Urban Building Infrastructure: A Study in Dhaka City, *Journal of Earth and Environmental Sciences*, 6 & 7: 69-76.
12. Fariazzaman and **Kabir, M.H.** (2019). Electricity Generation and Greenhouse Gas Reduction through Building Integrated Photovoltaic (BIPV) Systems in Dhaka City, *Oriental Geographer*, 60 (1 & 2): 47-60).
13. Haque, M.I., Nahar, K., **Kabir, M.H.** and Salam, A. (2018). Particulate black carbon and gaseous emission from brick kilns in Greater Dhaka region, Bangladesh, *Air Quality, Atmosphere and Health* (Springer), <https://doi.org/10.1007/s11869-018-0596-y>.
14. Maknun, S.S., Nahar, N. and **Kabir, M.H.** (2017). Women Health and Menstrual Hygiene Management in Natural Disasters: A Study in Islampur Upazila of Jamalpur District, *Journal of the Asiatic Society of Bangladesh*, 43 (1): 83-99.
15. **Kabir, M.H.**, Sato, M., Habiba, U. and Yousuf, T.B. (2017). Assessment of Urban Disaster Resilience in Dhaka North City Corporation (DNCC), Bangladesh, *Procedia Engineering*

(Elsevier).

16. **Kabir, M.H** and Mohammad, S. (2014) (printed in 2015). Analysis of Trend and Impact of Nor'westers in Bangladesh, *Journal of Earth and Environmental Sciences*, 3 (1): 31-36.
17. Emran, A., Rob, M.A. and **Kabir, M.H.** (2017). Coastline Change and erosion-accretion evolution of the Sandwip Island, Bangladesh, *International Journal of Applied Geospatial Research*, 8(2), April-June, 2017.
18. Emran, A., Rob, M.A. and **Kabir, M.H.** and Islam, M.N. (2016). Modeling Spatio-Temporal Shoreline and Areal Dynamics of Coastal Island Using Geospatial Techniques, *Modeling Earth System and Environment* (**Springer**), DOI 10.1007/s40808-015-0060-z.
19. **Kabir, M.H.** and Eva, I.J. (2014), Ecological Consequences of Shrimp Farming in Southwestern Satkhira District of Bangladesh, *Austin Journal of Earth Sciences*, 1(1): 7.
20. Haider, F. and **Kabir, M.H.** (2014): A Geographical Investigation of Co-Management System at Lawachara National Park (LNP), Bangladesh, *Journal of the Biodiversity Conservation and Forestry*. <http://dx.doi.org/10.4172/2327-4417.1000130>
21. **Kabir, M. H.** and Uddin, M.A. (2013), Off-grid Application & Impacts of Solar Home Systems in Manikganj & Gazipur Districts, Bangladesh, *Journal of the Earth & Environmental Sciences*, Vol. 2, No. 2.
22. **Kabir, M.H. and Endlicher, W.** (2013). Supplementing Electricity through Solar PV Systems, in A. M. Dewan and R. Corner (editors), *Dhaka Megacity: Geospatial Perspectives on Urbanisation, Environment and Health*, Springer pp. 203-218, [http://link.springer.com/chapter/10.1007/978-94-007-6735-5\\_11](http://link.springer.com/chapter/10.1007/978-94-007-6735-5_11).
23. **Kabir, M.H.** and Hossain, M.F. (2012). Farmers' Perception on Water Related Issues: A Study of Bheramara *Upazila*, Kushtia, *Journal of Asiatic Society of Bangladesh (Science)*, 38 (1): 41-52. doi: <http://dx.doi.org/10.3329/jasbs.v38i1.15319>.
24. Dewan, A.M., **Kabir, M.H.**, Nahar, K. and Rahman, Z. (2012). Urbanisation and environmental degradation in Dhaka Metropolitan Area of Bangladesh, *International Journal Environment and Sustainable Development*, Vol. 11( 2):118-147.
25. Titu, H.M. and **Kabir, M. H.** : Adaptation Strategies to Floods (in Bengali): A Study at Bachamara Char of Manikganj, *Bhugol O Paribesh Journal*, vol.11, pp.57-71, 2011 .
26. **Kabir, M.H.** and Jahan, N.A. (2011). Building Owners' Willingness to Pay for Solar PV Systems: A Study in Dhaka City, Bangladesh, *The Journal of Earth and Environmental Sciences*, University of Dhaka, Vol. 2 (1): 35-42.
27. Jahan, N.A. and **Kabir, M.H.** (2016). Technology and Policy: Carbon Emission Reduction Potential through Solar Photovoltaic (SPV) Applications in Dhaka, *Oriental Geographer*, 57 (1& 2): 109-128.
28. **Kabir, M.H.**, Endlicher, W. and Jaegermeyr, J. (2010). Calculation of Bright Roof-Tops for Solar PV Applications in Dhaka Megacity, Bangladesh, *Renewable Energy (Elsevier Science)*, Vol. 35 (8): 1760-1764, [doi: 10.1016/j.renene.2009.11.016](https://doi.org/10.1016/j.renene.2009.11.016).
29. **Kabir, M.H.** (2010). Assessment of the Socio-environmental Problems at Tanguar *Haor*, Bangladesh, *The Journal of Bangladesh National Geographical Association*, Vol. 36, No. 1 & 2, pp. 131-138.
30. Taleb, M.A and **Kabir, M.H.** (2009). Evaluation of Hydrological Situation of Riverbank Erosion of the Meghna River at Haimachar *Upazila*, Chandpur District, Bangladesh, *Journal of the Asiatic Society of Bangladesh (Science)*, Vol. 35 (2): 123-135, December.
31. Taleb, M.A., **Kabir, M.H.** and Mohibullah, M. (2009). Survival Strategies among Erosion-Induced Displacees at Haimchar *Upazila*, Chandpur District, Bangladesh, *The Chittagong Univ. Journal of Biological Science*, vol. 4 (1 &2):25-39.
32. Taleb, M.A. and Kabir, M.H. (2009). Adjustment Strategies among Erosion Induced Displacees at

Haimchar Upazila, Asa University Journal, Vol. 3, No. 1, pp. 195-206.

33. Dewan, A.M., **M.H. Kabir**, M. M. Islam, T. Kumamoto, M. Nishigaki (2007). Delineating Flood Risk areas in Greater Dhaka of Bangladesh Using Geoinformatics, *Georisk: Assessment and Management of Risk for Engineered Systems and Geohazards*, Vol. 1(4), pp. 190-201, [doi: 10.1080/17499510701772097](https://doi.org/10.1080/17499510701772097).
34. **Kabir, M.H.** and Shivakoti, G.P. (2007). Locals' Willingness to Participate in Wetland Conservation Practices: Example of Tanguar Haor, *Oriental Geographer*, Vol. 51, Nos. 1 & 2, pp. 45-64.
35. **Kabir, M.H.** and Amin, S.M.N. (2006). Socioeconomic Assessment of the Local People at Tanguar Haor (Wetland), Bangladesh: A Geographical Analysis, *Oriental Geographer*, Vol. 50 (2), pp.53-68.
36. **Kabir, M.H.** and Amin, S.M.N. (2006). Local People's Dependence on Wetland Resources: The Case of Tanguar Haor, Bangladesh, *The Journal of Bangladesh National Geographical Association*, Vol. 34 (1&2), pp. 13-30.
37. Rashid, M. A. and **Kabir, M.H.** (2005). Assessment of the Possibility of Developing Ecotourism in the Saint Martin's Island, Bangladesh, *The Journal of Bangladesh National Geographical Association*, Vol. 33 (1&2), pp. 33-48.
38. **Kabir, M.H.** (2003). Environmental Degradation of Dhaka City and Its Adjacent Areas due to Brick Kilns, *Oriental Geographer*, Vol. 47 (1):43-52.
39. **Kabir, M.H.** (2002). Location Analysis of Brickfields around Dhaka City, *Journal of Bangladesh National Geographical Association*, Vol. 30 (1&2): 55-63.
40. **Kabir, M.H.** (2004). The Socio-economic Status of the Brickfield Owners of Dhaka City Surrounding Areas and Its Influence on the Establishment of Brickfields (in Bengali), *Bhogol O Paribesh Journal*, Vol. 4:26-36.
41. **Kabir, M.H.** (2003). The Scenario of the Unexpected Flood-2000 in the Southwestern Part of Bangladesh (in Bengali), *Bhogol O Paribesh Journal*, Vol. 3:52-65.

#### Newspaper Articles

- **Kabir, M.H.** (2010). Using Dhaka's Bright Roof-Tops for Solar Electricity Generation, *The Daily Star* (a Lead National Daily Newspaper), Science Feature, Vol. 2 (7), 14 February. Also Available at [http://www.thedailystar.net/campus/2010/02/02/s\\_feature.htm](http://www.thedailystar.net/campus/2010/02/02/s_feature.htm).
- **Kabir, M.H.** (2011). Power supply & climate protection: Installation of solar photovoltaic (PV) systems in Bangladesh, Saturday, 22 October, Also Available at [http://newagebd.com/newspaper1/archive\\_details.php?date=2011-10-22&nid=37766](http://newagebd.com/newspaper1/archive_details.php?date=2011-10-22&nid=37766).

#### PRESENTATIONS IN INTERNATIONAL/NATIONAL CONFERENCES

1. Kabir, M.H. (2022). Institutional Development and Disaster Mortality in Bangladesh, paper presented at the Department of Geography and Environment, University of Dhaka, organized by Disaster Research Training and Management Centre (DRTMC), Dhaka, July.
2. Kabir, M.H. and Khatun, H. (2019). A Geographical Assessment of Landslide Disaster 2017 in Rangamati of Chittagong Hill Tracts (CHTs), paper presented at the International Conference on Geography organized by Asian Geographical Association, Guanzhou, China, 6-10 December.
3. Kabir, M.H., Faruk, M. and Ferdous, M. (2019). Impact of Prolonged Water Logging on Educational Continuity at Schools in Urban Areas of Dhaka, paper presented at the ASCENT Festival, Organized by University of Colombo and University of Moratuwa, Hotel Cinnamon, Colombo, Sri Lanka, 14-18 January.
4. Kabir, M.H. and Faruk, M. (2019). Compliance to Safe Building Codes: The Case of Dhaka and Kathmandu, Paper presented at the ASCENT Festival, Organized by University of



Colombo and University of Moratuwa, Hotel Cinnamon, Colombo, Sri Lanka, 14-18 January.

5. Kabir, M.H., Helaly, A.L. and Ferdous, M. (2018). Risk Sensitive Landuse Planning: A Study in Dhaka City, Paper Presented at the 8<sup>th</sup> International Conference on Building Resilience (ICBR), Lisbon, Portugal, 14-16 November.
6. Kabir, M.H. (2018). Impact of Prolonged Water Logging on Educational Continuity at Schools in Urban Areas of Dhaka, Paper Presented at the International Conference on Environmental and Natural Hazards Risks, 28-29 October, Nabab Nawab Ali Chowdhury Senate Bhaban, University of Dhaka.
7. Kabir, M.H. (2016). Potential Assessment of Electricity Generation from Renewable Energy Resources in Bangladesh, paper presented at the International Conference of Business and Applied Sciences of North America (BAASANA), held in Newman Conference Center, New York, USA, 17-19 August.
8. Kabir, M.H. (2016). Electricity Generation Potential from Solar PV Systems in Bangladesh, paper presented at the workshop on Geography and Environment: Theory and Practice, Organized by the Department of Geography and Environment, Jahangirnagar University, Savar, 30 July.
9. Kabir, M.H. (2016). State of Studies Relating to DRR in Bangladesh, Presented in the Meeting of European Commission (ERASMUS+), Hotel Hilton Residences, Colombo, 13-17 March.
10. Kabir, M.H. (2016). Solar Photovoltaic Systems as Sustainable Option for Power Generation: The Case of Dhaka Megacity, Bangladesh, Paper Presented at the International Conference organized by the Regional Science Association, University of Calcutta, 28-30 January.
11. Kabir, M.H. (2015). Enhancing Urban Resilience through Energy Efficient Measures in the Residential Buildings of Dhaka, Bangladesh, Paper Presented at the Workshop on Measuring Urban Resilience, University of Tokyo, 7-10 December.
12. Kabir, M.H. (2013). Planning with New Renewables: Example of Dhaka, Bangladesh, Paper Presented at the 9<sup>th</sup> Asia Pacific Conference on Renewable Energy and Environmental Technology, Narita, Japan, 4-8 July.
13. Kabir, M.H. (2012). Planning with New Renewable: The Case of Dhaka Megacity, Bangladesh, Paper Presented at the International Conference on Megacity-Mega Challenge-Informal Dynamics of Global Change, held in BRAC Centre Inn, Dhaka, 26-28 November.
14. Kabir, M.H. (2012). Solar PV System as a Sustainable Option for Power Supplement: The Case of Dhaka Megacity, Bangladesh, Paper presented in the International Conference on Ecorevolution-environment and humanity, held in Sri Lanka Foundation Institute, Colombo, Sri Lanka, 18-20 August.
15. Kabir, M.H. and Endlicher, W. (2010). Solar PV Based Electricity Generation Potential for Power Supplement in the Megacity of Dhaka (Poster), DAAD's Young Researchers' Symposium on Future Megacities, Essen, Germany, 9-10 October.
16. Kabir, M.H. and Endlicher, W. (2010). Analysis of the Determining Factors of Solar PV Applications in Dhaka Megacity, Bangladesh, Paper Presented at the International Conference on Renewable Energy, 26 June-2 July 2010, Pacifico Yokohama, Japan.
17. Kabir, M.H. (2007). Disaster Risk Reduction in the Higher Education in Bangladesh, Paper presented at the UK-Nepal-Bangladesh Seminar on Disaster Risk Reduction Curriculum in Higher Education in Bangladesh, Katmandu, Nepal, 1-7 August.
18. Kabir, M.H. (2006), Economic Importance of Wetland Resources and Community Participation: A Case Study in Tanguar *Haor*, Bangladesh, Paper presented at the First AIT Master Degree Thesis Competition, held at AIT Conference Centre, 17 May, 2006.
19. Amin, S.M.N., Kabir, M.H. and Momtaz, S. (2007). Wetland Resources and the Local People: A Study of Interdependence in Tanguar *Haor*, Bangladesh, Paper (poster) presented at the AAG Conference, Sanfransisco, USA.
20. Momtaz, S., Amin, S.M.N. and Kabir, M.H. (2007). 'Involving community in environmental decision-making in developing countries: The case of Ramsar wetland management in

Bangladesh', *Association of American Geographers Annual Meeting Abstracts*, San Francisco, Calif. (2007) [E3].

21. Amin, S.M.N. and Kabir, M.H. (2006). Environmental Threats of Brickfields: A Study in Dhaka City Peripheral Areas, Bangladesh, Paper (poster) presented at the AAG Conference, Chicago, USA, 3-7 March.
22. Kabir, M.H. (2002). Location Analysis of Brickfields of Dhaka City and Its Surrounding Areas, Paper presented at the Annual Seminar on Young Geographers Research, Organized by Bangladesh Geographical Society, Department of Geography and Environment, University of Dhaka.
23. Kabir, M.H. and Mahbub, A.Q.M. (2001). Man-made Disaster: The Case of Open Air Brick Industries in and around Dhaka City, Paper presented at the International Conference on Disaster: Issues and Gender Perspectives, Organized by Bangladesh Geographical Society, held on June, 2001 at BIAM, Dhaka.

#### **CONFERENCE PROCEEDINGS**

1. Kabir, M.H., Helaly, A.L. and Ferdous, M. (2018). Risk Sensitive Landuse Planning: A Study in Dhaka City (accepted for publication), *Procedia Eng.* (will be available soon) (Elsevier). Kabir, M.H. (2012). Solar PV System as a Sustainable Option for Power Supplement: The Case of Dhaka Megacity, Bangladesh, In proceedings of the International Conference on Environment and Humanity (Ecorevolution), Colombo, Sri Lanka, 18-20 August.
2. Kabir, M.H. and Endlicher, W. (2010). Solar PV Based Electricity Generation Potential for Power Supplement in the Megacity of Dhaka, in Proceedings of the DAAD's Young Researchers' Symposium on Future Megacities, Essen, Germany, 9-10 October.
3. Kabir, M.H. and Endlicher, W. (2010). Analysis of the Determining Factors of Solar PV Applications in Dhaka Megacity, Bangladesh, in Proceedings of the International Conference on Renewable Energy, 26 June-2 July 2010, Pacifico Yokohama, Japan.
4. Shahalam, M.N., Dewan, A.M. and Kabir, M.H. (2008). Urban Development and Environmental Degradation: The Case of Dhaka Megacity, Bangladesh, *Association of American Geographers Annual Meeting Abstracts*, Boston, USA.
5. Momtaz, S., Shahalam, M N and Kabir, M.H. (2007). 'Involving community in environmental decision-making in developing countries: The case of Ramsar wetland management in Bangladesh', *Association of American Geographers Annual Meeting Abstracts*, San Francisco, Calif. (2007) [E3].
6. Amin Shahalam M.N., Kabir, M.H. and Momtaz, S. (2007). 'Sustainable management of freshwater wetlands in Bangladesh: A case study of Tanguar Haor', *Association of American Geographers Annual Meeting Abstracts*, San Francisco, Calif. (2007) [E3].
7. Kabir, M.H. (2006). Assessment of Local People's Participation for Sustainable Wetland Management and Biodiversity Conservation: A Study in Tanguar *Haor*, Bangladesh (abstract), International Symposium on Wetland Restoration 2006: Restoration and Wise Use of Wetlands, Shiga, Japan.
8. Kabir, M.H. (2002). Location Analysis of Brickfields of Dhaka City and Its Surrounding Areas (abstract), Paper presented at the Annual Seminar on Young Geographers Research, Organized by Bangladesh Geographical Society, Department of Geography and Environment, University of Dhaka.
9. Kabir, M.H. and Mahbub, A.Q.M. (2001). Man-made Disaster: The Case of Open Air Brick Industries in and around Dhaka City, Proceedings of the International Conference on Disaster: Issues and Gender Perspectives, Organized by Bangladesh Geographical Society, held on June, 2001 at BIAM, Dhaka.

#### **CONSULTANCY EXPERIENCES/International Collaboration (Major ones)**

-Worked as principal investigator in the project entitled *Assessing Resilience Status in Selected Urban*



*Communities of Bangladesh funded by Oxfam coordinated by NGO Forum for Public Health, March-June 2022*

-Team leader (to be accomplished in October 2022) in the project *Bangladesh: First Biennial Update Report (BUR 1)* of Component 4: Mitigation Analysis and MRV to the UNFCCC funded by UNDP coordinated by Department of Environment, MoEFCC, GoB, 2022.

-Worked as local collaborator in the project entitled "Synthesising evidence from other sectors to strengthen health system responses to mass displacement: supporting Rohingya refugees in Bangladesh" funded by Medical Research Council (MRC), UK coordinated by London School of Hygiene and Tropical Medicine (LSHTM), UK., April 2019-September 2020.

-BCCT under MoEFs/GoB funded project on Estimating Carbon di Oxide Emission from brick kilns in Dhaka Megacity 2018-19.

-Worked as Consultant for Environmental Assessment in the project entitled Promoting and Scaling Up Solar Photovoltaic Power through Knowledge Management and Pilot Testing in Bangladesh and Nepal, Asian Development Bank, August 2017.

-local collaborator of the project entitled *Promoting Regional Circular and Ecological Sphere Concept for Sustainable Resource Management and Collective Resilience of Urban and Rural Regions: Case Study of Belai Beel, Gazipur*, funded by Institute of Global Environmental Strategy (IGES), Ministry of Environment, Japan (2018-ongoing).

-Local collaborator of the project entitled "Compliance to Safe and Resilient Building Infrastructures in Dhaka and Kathmandu, funded by APN conducted by University of New Castle, Australia (2017-2018).

-Worked as local coordinator in the project entitled "post disaster educational continuity in urban flood impacts in south and southeast Asia, conducted by University of New Castle, Australia, funded by Save the Children (2016-2017).

-Worked as consultant in JICA-SEEDS Asia funded project on Community Based Disaster and Climate Change Risk Reduction in North City Corporation in Dhaka (2016-ongoing).

-Involved in European Commission (ERASMUS+) project on Capacity Building on Climate Change and Disaster Resilience during 2016-2018 (Project Coordinator is Huddersfield University, UK) (2015-2019).

-Worked in the project on the Sustainability Issue of Pond Sand Filter, based on field studies Batiaghata, Narail Sadar and Sarankhola, Project Concern International (PCI), 2015.

-Worked as a social and resettlement expert in the World Bank Funded Riverbank Improvement Program (RBIP), March-October 2014.

-Conducted Assessment of Food Insecurity in Bangladesh, a report prepared for the World Food Programme (WFP), based on the study of 24 *Upazilas* of Bangladesh, Dhaka, 100p, 2003.

## **EDITORIAL EXPERIENCES**

- Associate Editor, *Oriental Geographer*, Vol. 56 & 57, No. 1 & 2, 2013 & 2014.
- Associate Editor, *Journal of Earth and Environmental Sciences*, University of Dhaka, Vol. 2 (1 & 2), 2013 and Vol. 2 (1 & 2), 2014.
- Associate Editor, *Oriental Geographer*, Vol. 51 & 52, No. 1 & 2, 2007 & 2008.
- Assistant Editor, *Journal of the Bangladesh National Geographical Association*, Vol. 34, No. 1 & 2, 2006
- Assistant Editor, *Journal of the Bangladesh National Geographical Association*, Vol. 33, No. 1 & 2, 2005.
- Assistant Editor, *Oriental Geographer*, Vol. 48, No. 1.
- Assistant Editor, *Disaster Newsletter*, Vol. 7, 8 and 9. DRTMC, University of Dhaka

(reviewer of a good number of international journals and editorial board member of some international journals)

## **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

- Life Member, Bangladesh Geographical Association
- Member, Dhaka University Alumni Association
- Life Member, Alumni Association of German Universities in Bangladesh

## **PARTICIPATION IN TRAINING/WORKSHOP/INTERNATIONAL CONFERENCES**

-Attended EU funded (ERASMUS+ under Staff Mobility Program) international conference on GI\_Salzburg, Austria, 04-06 July, 2023.

-Presented in the 8<sup>th</sup> International Conference on Building Resilience, 16-19 November 2018.  
Title of paper: *Risk sensitive landuse planning in Dhaka*, University of Lisboa, Portugal.

-Presented a paper entitled Impact of Water logging on Educational Continuity in Dhaka City, ASCENT Festival 14-18 January 2019, Cinnamon Lakeside Hotel, Colombo, Sri Lanka.

-Presented a paper entitled Impact of Compliance to Safe Building Codes: A Study in Bangladesh and Nepal, ASCENT Festival 14-18 January 2019, Cinnamon Lakeside Hotel, Colombo, Sri Lanka.

-Presented in the 7<sup>th</sup> International Conference on Building Resilience, 27-29 November 2017, Swissotel Hotel, Bangkok, Thailand.

-Presentation in the AAG Conference, Boston, USA, 4-9 April, 2017

-Attended workshop on research methodology in disaster risk reduction, University of Ruhuna, Sri Lanka 27 Feb-3 March 2017

-Attended a training workshop in disaster risk reduction, Makati, Philippines, 10-12 December 2016

-Attended EU funded workshop on disaster risk reduction in built environment, October, Manchester, UK, 2016

-Conference presentation in the City University of New York, USA, August 2016

-Attended an international meeting on Capacity Building on DRR, held in Colombo, Sri Lanka, 13-17 March 2016.

-Participated an international workshop on measuring urban resilience, Tokyo, December 5-7, 2015.

-Conference presentation in Narita, July 2013, Japan

-Participated in the Yousef Jameel Alumni Conference held in American University in Cairo (AUC), Cairo, Egypt, 12-15 June 2010.

-Conference presentation in Yokohama, June, 2010, Japan

-Participated in the C40 Workshop held in Rote Rathaus, Berlin, Germany 10-11 June 2010.

-Participated in the Annual Colloquium Organized by the German Research Foundation (DFG) on Megacity-Megachallenge- Informal Dynamics of Global Change, held in Berlin, Germany, 9-11 May 2010.

-Participated in the International Conference on Continents under Climate Change, Organized on the Occasion of the 200<sup>th</sup> Anniversary of the Humboldt University of Berlin, Federal Foreign Office, Berlin, 21-23 April 2010.

-Participated in the Annual Workshop Organized by the German Research Foundation (DFG) on Megacity-Megachallenge- Informal Dynamics of Global Change, held in the University of Dortmund, Germany, 22-23 June 2009.

-Participated in the International Conference on "Renewable Energy", Organized by the European Union, held in RES-boat Vienna, Austria, 23 March 2009.

-Worked as an Associate Trainer on "Cyclone Disaster Management in the Light of Indigenous Knowledge and Innovative Ideas in three Coastal *Upazilas* (Sub-district) of Bangladesh", Dhaka, 2000-2002.

-Participated in the Workshop on “Disasters and Disaster Management”, Organized by American Institute of Bangladesh Studies (AIBS) and Disaster Research Training and Management Centre (DRTMC), held on December 23-30, 2002, Dhaka.

-Completed the Training Course on “Involuntary Resettlement Management Training”, Organized by Asian Development Bank (ADB), held on 7-8 December, 2003 at Sonargaon Hotel, Dhaka.

-Participated in the Training Workshop on “Social Science Research Methodology”, Organized by Bangladesh Institute of International and Strategic Studies (BISS), held on 6-8 July, 2004, Dhaka.

## Theses Supervision

### Master Degrees

1. Md. Abu Taleb (2007). Geomorphological & Hydrological Investigations at Haimchar Union, Chandpur, Department of Geography & Environment, University of Dhaka.
2. Md. Asraf Uddin (2011). Affordability and Socio-Environmental Impacts of Solar Home Systems: Case Studies from the Off-Grid Areas of Manikganj and Gazipur Districts, Department of Geography and Environment, University of Dhaka.
3. Nayma Akter Jahan (2012). Households' Willingness to Pay for Solar PV Systems: A Study in the Megacity of Dhaka, Department of Geography & Environment, University of Dhaka.
4. Iffat Jahan Iva (2012). Economic and Ecological Aspects of Shrimp Cultivation: A Study In Debhata *Upazila*, Satkhira District, Department of Geography & Environment, University of Dhaka.
5. Fouzia Haider (2013). Consequences of Co-Management Practices at Lawachhra National Park, Moulvibazar, Department of Geography & Environment, University of Dhaka.
6. Sajia Mohammad (2013). Analysis of Trend and Impacts of Nor'Westers in Bangladesh, Department of Geography & Environment, University of Dhaka.
7. Mohsina Binte Rahman (2014), Issues and Challenges of Renewable Energy Resources Exploitation in Bangladesh, Department of Geography & Environment, University of Dhaka.
8. Naima Binte Enam (2015), Potential Assessment of Solar PV based Electricity Generation in Bangladesh, Department of Geography & Environment, University of Dhaka.
9. Tasnuba Jerin (2015) Enhancing Energy/Power Efficiency through Renewable Energy Technology: A Study in the Megacity of Dhaka, Department of Geography & Environment, University of Dhaka.
10. A T M Abdullahel Baki (2014). Socio-economic impacts of Gorai riverbank erosion on people: A case study for Kumarkhali, Kushtia, Institute of Governance Studies, BRAC University, Dhaka.
11. Rahman, M.S. (2015). Livestock in Livelihood Resilience in the Coastal Areas of Bangladesh: A Study in Sarankhola Upazila, Bagherhat, Bangladesh. Master of Science in Development Studies (MDS), Southeast University, Dhaka.
12. Syeda Shahida Maknun (2016). Assessment of Disaster Resilience in North Dhaka City Corporation, Department of Geography and Environment, University of Dhaka.
13. Faria Zaman (2017). Power Generation Potential from Building Integrated Photovoltaic Systems in Dhaka, Department of Geography and Environment, University of Dhaka.
14. Kaniz Umme Riyan (2017). Life Cycle Assessment of Solar Home Systems in Bangladesh, Department of Geography and Environment, University of Dhaka.
15. Nazneen Binte Hayder (2016). Sustainable Resource Management and Collective Resilience of Urban and Rural Regions: Case Study of Belai *Beel*, Gazipur, Department of Geography and Environment, University of Dhaka.
15. Nayeema Rasheed (2018): *Carbon-di-Oxide* Emission Reduction through SPVs

Applications in Bangladesh, Department of Geography and Environment, University of Dhaka.

16. Md. Amzed Hossain (2018). Achieving Bangladesh's INDC by 2030: Role of Renewable Energy Resources, Department of Geography and Environment, University of Dhaka.

17. Nahida Nasrin Jania (2019), Role of Solar PV Electricity Generation in Achieving Nationally Determined Contributions of Bangladesh, Department of Geography and Environment, University of Dhaka.

18. Farhana Akhter (2019). Solar PV Based Irrigation System and Its Potential Carbon Emission Reduction in Bangladesh, Department of Geography and Environment, University of Dhaka.

19. Md. Shofikul Islam (2019). Effects of Physical Accessibility in Service Provision and Receiving: A Case Study of Health Services in Boda Upazila, Panchagarh, Department of Geography and Environment, University of Dhaka.

20. Muira Nusrat (2020). Analyzing Microclimatic Conditions and Human Discomfort of Dhaka City Due to Covid-19 Induced Lockdown, Department of Geography and Environment, University of Dhaka.

21. Orna Rahman Onny (2020). Impacts of Covid-19 Lockdown Situation on Spatial Variation of Air Quality Parameters and Their Implications on Human Health Satisfaction, Department of Geography and Environment, University of Dhaka.

22. Shamima Aktar (2021). Measuring Greenhouse-Gas Emission Reduction through Enhancement of Electricity Efficiency in the Households of Dhaka City, Department of Geography and Environment, University of Dhaka.

23. Md. Abu Ryhan (2021). Spatial Risk Assessment of Urban Heat Island and Its Impacts on Public Health in Dhaka City, Department of Geography and Environment, University of Dhaka.

24. Lata Akter (2021). Spatio-temporal Changes of Wetlands in Dhaka City and Stakeholders' Perceptions on Impacts, Department of Geography and Environment, University of Dhaka.

25. Farjana Ferdous (2022). Modeling Blue Networking for Dhaka City and Measuring Climate Change Mitigation, Department of Geography and Environment, University of Dhaka.

26. Raisa Tabassum (2022). Potential Assessment of Renewable Energy Technologies (RETs) for Electricity Generation and Greenhouse Gas Reduction in Dhaka City, Department of Geography and Environment, University of Dhaka.

27. Tayeba Tahsin Nawar (2022). Vegetation Cover Change in Madhupur Sal Forest and Measuring Carbon Sequestration for Climate Change Mitigation in Bangladesh, Department of Geography and Environment, University of Dhaka.

#### ***MPhil (at DU)***

1. Akter, S. R. (2019). Management Issues of Ecologically Critical Areas: A Study of Gulshan-Baridhara Lake, Department of Geography and Environment, University of Dhaka.

2. Azmery, S. I. (2021). Population Growth and Access to Resources in *Haor* Areas: A Spatio-Temporal Approach, Department of Geography and Environment, University of Dhaka.

3. Nahar, D.N. (2021). Role of Women in Disaster Risk Reduction: A Study in Disaster Prone Coastal Areas of Shayamnagar Upazila, Shatkhira, Department of Geography and Environment, University of Dhaka.

#### ***PhD (at DU)***

1. Sayed, M.A. (2021). (completed). Assessing Disaster Risk Reduction at School Level: A Study of

Dhaka North City Corporation Area, Department of Geography and Environment, University of Dhaka.

2. Hossain, K.T. (on-going). Estimate Ecosystem Services of Offshore Island for Sustainable Development in Bangladesh: A Study on Hatiya, Department of Geography and Environment, University of Dhaka.

3. Sikder, B. (On-going). Relationship between Climate Change and Involuntary Population Displacement: A Study in the South Central Coastal Region of Bangladesh, Department of Geography and Environment, University of Dhaka.

#### HONORS AND AWARDS

Yousuf Jameel Scholarship (for PhD)	2008
Batch Topper Award, AIT, Thailand	2006
Research Grant from AIT, Thailand	2005
Dhaka University Award 2004	2004-2006
Dhaka University Scholarship	1997-2000
Secondary and Higher Secondary Education Board Scholarship	1991-1993
Primary and Secondary Scholarship Examination Award	1986-1990

#### LANGUAGE SKILL

Language	Skill
Bengali	Mother Tongue
English	Fluent in oral and written
German	Moderate in speaking and satisfactory in writing

#### COUNTRY EXPERIENCES

Thailand, Malaysia, Nepal, Germany, Greece, Japan, Egypt, Italy, France, Belgium, Austria, Sweden, Poland, Portugal, Netherlands, Switzerland, Norway, Denmark, Singapore, Sri Lanka, India, United States of America, England, Philippines, China, Spain, Kingdom of Saudi Arabia, United Arab Emirates

Website: [https://www.du.ac.bd/faculty/faculty\\_details/GEN/1886](https://www.du.ac.bd/faculty/faculty_details/GEN/1886)

Contact: [mh\\_kabir\\_kabir@yahoo.com](mailto:mh_kabir_kabir@yahoo.com); [mhk.geoenv@du.ac.bd](mailto:mhk.geoenv@du.ac.bd); [humayunk54@gmail.com](mailto:humayunk54@gmail.com)

Cell: +8801777402959; +8801717711024