

CURRICULUM VITAE of Professor Md. Shamsuzzoha

- **Name** : **Md. Shamsuzzoha**
- **Date and place of birth** : 9 September 1985, Barishal
- **Nationality** : Bangladeshi
- **Marital status** : Married
- **Current position** : **Professor and Chairman**



**Department of Emergency Management
&
Head
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Research Interests

Agricultural Geography; Bioresource Engineering; Climate Extremes; Climate Change Adaptation; Disaster Management; Disaster Risk Reduction; Disaster Science; Damage, Loss, and Needs Assessment; Emergency Management; Emergency Response Management; Environmental Sciences; Environmental Studies; Geography; GIS and Satellite Remote Sensing; Humanitarian Standards; Sustainable Development

Education

- **Doctor of Philosophy (PhD)** in Bioresource Engineering from the Doctoral Program in Appropriate Technology and Sciences for Sustainable Development of the Graduate School of Life and Environmental Sciences, University of Tsukuba, Japan, Year of Graduation: 2023, Title of the Thesis: Assessment of Agricultural Land Use Change in Onshore Coastal Regions Due to Extreme Climatic Events Using Machine Learning and Remote Sensing, Available at: <https://tsukuba.repo.nii.ac.jp/records/2008644> and <http://hdl.handle.net/2241/0002008644>
 - Awarded **Science and Technology Fellowship** from October 2019 to September 2023 (4-Year Fellowship) as a government-sponsored Ph.D. Fellow (Foreign) in Japan from the **Ministry of Science and Technology (MoST)**, Bangladesh. Dated: 5 March 2020
- **Certificate** in Remote Sensing and GIS for Natural Hazard Assessment (**Short Course**, Modules 5-7, these modules are part of the Master of Science in Applied Earth Sciences); 2 January to 2 March 2012; Faculty of Geo-Information Science and Earth Observation, University of Twente; Enschede, The Netherlands, Year of Graduation: 2012
- **Master of Science (M.Sc.)** in Geography and Environmental Studies; First class with 1st Rank, Department of Geography and Environmental Studies, University of Rajshahi, Rajshahi, Bangladesh, Year of Graduation: 2008, Title of the Thesis: “Analysis of Changes in Rainfall Patterns in Rajshahi Division using GIS”
- **Bachelor of Science (B.Sc.)** in Geography and Environmental Studies (Four-Year Integrated Honours); First Class with 1st Rank, Department of Geography and Environmental Studies, University of Rajshahi, Rajshahi, Bangladesh, Year of Graduation: 2007

Academic/Other Affiliation

1. Visiting Professor, Graduate School of Media and Governance, Faculty of Policy Management, Keio University, 5322 Endo, Fujisawa-shi, Kanagawa 252-0882, Japan
2. Executive Director, Institute of Tropical Ecology and Biodiversity (ITEB), S.R Tower, 5th floor, 49 Old Airport Road, Tejgaon, Dhaka - 1215, Bangladesh

Membership

3. Life Member, Japanese Universities Alumni Association in Bangladesh (JUAAB)
4. Life Member, ITC Alumni Community, University of Twente, The Netherlands
5. Member, Japan Alumni Global Network (JAGAN)
6. Member, Institute of Tropical Ecology and Biodiversity, Bangladesh
7. Member, Academic Council, Patuakhali Science and Technology University
8. Member, The Digital Belt and Road Program (DBAR)-Disaster Risk Reduction Working Group, China

9. Member, International Society for Digital Earth (ISDE), China
10. Member, Japan Geoscience Union (JpGU), Japan
11. Member, Japanese Society of Agricultural Informatics (JSAI), Japan
12. Member, Center for People and Environ (CPE), Bangladesh

Country Visit Experiences for Academic Purposes

Malaysia (2011, 2012); **The Netherlands** (2011, 2018); **United Arab Emirates** (2012); **United Kingdom** (2012); **India** (2015); **Germany** (2015); **China** (2016, 2017, and 2025); **Hong Kong** (2017); **Thailand** (2018); **Indonesia** (2018); **Japan** (2019-2023); **Sri Lanka** (2020, 2023); **Pakistan** (2024); **Nepal** (2024)

Research Grants

- *Ongoing:*
 1. 2025-2029: **Co-applicant**, Systems Approach for Creating Sustainable Landscape and Resilient Community in Riverine and Coastal Socio-Ecological System – Main Applicant/Principal Investigator: Prof. Dr. Md. Munsur Rahman, Bangladesh University of Engineering and Technology, Email: munsurbuet1989@gmail.com, mmrahman@iwfm.buet.ac.bd, Funded by ADM-LAB: Livings Labs for Adaptive Delta Management in Bangladesh, The Dutch Research Council (NWO), The Netherlands, Project timing: 4 year, Fund amount: € 949,273, Available at: <https://www.nwo.nl/en/news/four-bangladeshi-dutch-consortia-to-start-living-labs-research-on-the-bangladesh-delta>
- *Report Completed:*
 1. 2025-2026: **Principal Investigator**, Evaluating Tropical Cyclone-induced Disaster Vegetation Damage Index Using Landsat 8/9 OLI-derived Datasets of the Sundarbans Mangrove Forest in Bangladesh, Funded by the Research and Training Centre (RTC), Patuakhali Science and Technology University, Bangladesh, Project timing: 1 year, 1 July 2025 to 30 June 2026, Fund amount: 122,000 BDT
 2. 2024-2025: **Principal Investigator**, Shoreline Change Assessment (SCA) in the Coastal Region of Bangladesh Delta from 2021 to 2025 Using Satellite Remote Sensing, Funded by the Research and Development (R&D) Project, Ministry of Science and Technology, Bangladesh, Project timing: 1 year, 1 July 2024 to 30 June 2025, Fund amount: 90,000 BDT
 3. 2024-2025: **Principal Investigator**, Emergency Response Needed Area Assessment for Rice-Grower Farmers Affected by Cyclone Bulbul in Patuakhali District of Bangladesh Using Remote Sensing and Fuzzy Expert System, Funded by the Research and Training Centre (RTC), Patuakhali Science and Technology University, Bangladesh, Project timing: 1 year, 1 July 2024 to 30 June 2025, Fund amount: 100,000 BDT
 4. 2018-2019: **Principal Investigator**, Strengthening Coastal Economic Security through Natural Capital at Household Level: A Study for Adaptation to Cyclone Risk in Bangladesh, Funded by the Research and Development (R&D) Project, Ministry of Science and Technology, Bangladesh, Project timing: 1 year, 1 July 2018 to 30 June 2019, Fund amount: 90,000 BDT
 5. 2017-2018: **Principal Investigator**, Determination of Economic Security and Social Capital for Climate Change Adaptation to Cyclone Risk at Household Level in Coastal Region of Bangladesh Delta, Research Sub-project: Funded by the **DELtas**, vulnerability & Climate Change: Migration & Adaptation (DECCMA) Project, Institute for Water and Flood Management (IWFM), Bangladesh University of Engineering and Technology (BUET), Bangladesh. Sub-project timing: 6 months, 01 November 2017 to 30 April 2018. Fund amount: 499,520 BDT/6,000 USD
 6. 2017-2018: **Principal Investigator**, Strengthening Economic Security through Social Capital: Household's Adaptation to Cyclone Risk in Bangladesh, Research Project: Funded by UGC-Research and Training Center (RTC), Patuakhali Science and Technology University, Bangladesh. Project timing: 1 year, 01 July 2017 to 30 June 2018. Fund amount: 50,000 BDT/600 USD
 7. 2017-2018: **Team Leader**, Determination of Constraints in Existing DRR Coordination Mechanisms among Different Humanitarian Actors of Coastal Bangladesh, Research Sub-project: Jointly funded by the Empowering Local and National Humanitarian Actors (ELNHA) Project of OXFAM, Netherlands and Community Development Center (CODEC), Bangladesh. Project timing: 6 months, 01 July 2017 to 30 December 2017. Fund amount: 388,800 BDT/4,670 USD

8. 2012-2013: **Principal Investigator**, Climate Change and Sea Level Rise: Potential Adaptability in the West Coastal Region of Bangladesh, Research Project: Funded by UGC-Post Graduate Studies (PGS), Patuakhali Science and Technology University, Bangladesh. Project timing: 1 year, 01 July 2012 to 30 June 2013. Fund amount: 40,000 BDT/480 USD

List of Major Publications

- Abedin, M. A., Juthee, S. A., Hosenuzzaman, M., Shamsuzzoha, M., Parvin, G. A., Takashino, N., & Shaw, R. (2025). Introduction to Climate Crisis and Gender. In *Climate Crisis in South and East Asia: Analyzing Cross Cutting Issues and Sustainable Solutions from Gender Perspective* (pp. 3–27). Springer. https://doi.org/10.1007/978-3-032-01012-4_1
- Abubakkor Siddik, Md., Ashiqur Rahman, Md., Islam, A. R. Md. T., Akter, A., Najmul Islam, M., Moniruzzaman, Md., & Shamsuzzoha, Md. (2026). Perception of Fire Risk and its Influencing Factors in Coastal Communities of Southern Bangladesh: An Empirical Investigation. *Fire Technology*, 62(1), 13. <https://doi.org/10.1007/s10694-025-01849-0>
- Alam, K. F., Shamsuzzoha, M., Arab, S. T., Pangaribuan, I. J. P., & Ahamed, T. (2024). Application of Remote Sensing in the Analysis of Climate Extremes Due to Global Climate Change. In T. Ahamed (Ed.), *Remote Sensing Application II. New Frontiers in Regional Science: Asian Perspectives* (Vol. 77, pp. 1–21). Springer. https://doi.org/10.1007/978-981-97-1188-8_1
- Anwarul Islam, M., Shamsuzzoha, M., Rasheduzzaman, M., Chandra Ghosh, R., & Faisal, M. (2019). Assessment on Climate Change Adaptation: A Study on Coastal Area of Khulna District in Bangladesh. *Australian Journal of Engineering and Innovative Technology*, 6(1), 14–20. <https://doi.org/10.34104/ajeit.019.014020>
- Arab, S. T., Islam, Md. M., Shamsuzzoha, Md., Alam, K. F., Muhsin, N., Noguchi, R., & Ahamed, T. (2022). A Review of Remote Sensing Applications in Agriculture and Forestry to Establish Big Data Analytics. In T. Ahamed (Ed.), *Remote Sensing Application. New Frontiers in Regional Science: Asian Perspectives* (Vol. 59, pp. 1–24). Springer. https://doi.org/10.1007/978-981-19-0213-0_1
- Arab, S. T., Shamsuzzoha, M., Arab, A. S., Mazharul Anwar, Md., Anwarul Abedin, Md., & Shaw, R. (2025). Gender Responsive Drought Resilience Assessment in Afghanistan Using Geospatial Techniques. In *Climate Crisis in South and East Asia: Analyzing Cross Cutting Issues and Sustainable Solutions from Gender Perspective* (pp. 31–58). Springer. https://doi.org/10.1007/978-3-032-01012-4_2
- Chakraborty, P., Shamsuzzoha, Md., Islam, Md. S., Abedin, Md. A., Sarkar, Md. S. K., Khatun, M. M., & Shaw, R. (2026). Impact of Climate Change on Soil-Water Quality, Food, and Nutritional Security in the Coastal Areas of Bangladesh: A Climate Crisis Management-Based Review to Achieve SDGs. *Malaysian Journal of Sustainable Agriculture (MJSA)*, 2(10), 103–114. <https://doi.org/http://doi.org/10.26480/mjsa.02.2026.103.114>
- Das, M. K., Islam, M. R., Das, M. K., Hasan, Md. F., Islam, Md. S., Akter, A., & Shamsuzzoha, Md. (2024). Job Stress Factors and their Impact on Employee Performance: A Study of the Banking Sector in Bangladesh's Southern Area. *International Journal of Research and Innovation in Social Science*, VIII(XIV), 184–201. <https://doi.org/10.47772/IJRISS.2024.814MG0018>
- Habiba, U., Md. Shamsuzzoha, & Md. Anwarul Abedin. (2025). Scaling up the Peri-Urban Ecosystem in Disaster Risk Reduction. In *Encyclopedia of Disaster Risk Reduction* (pp. 1–10). Springer Nature Singapore. https://doi.org/10.1007/978-981-97-4547-0_36-1

- Hasan, Md. M., Islam, R., Rahman, Md. S., Ibrahim, Md., Shamsuzzoha, Md., Khanam, R., & Zaman, A. K. M. M. (2021). Analysis of Land Use and Land Cover Changing Patterns of Bangladesh Using Remote Sensing Technology. *American Journal of Environmental Sciences*, 17(3), 64–74. <https://doi.org/10.3844/ajessp.2021.64.74>
- Hossain, Md. M., Pal, I., Abedin, Md. A., Setu, S. H., & Shamsuzzoha, Md. (2026). Salinity and Livelihoods: Dermatological Health Challenges in Coastal Bangladesh. *Journal of Hazards, Risk and Resilience*, 1(1), 11. <https://doi.org/10.53941/jhrr.2026.100011>
- Hossain, S. A., Roy, T. K., Mazrin, M., Farzana, F., Shohugh, P. K., Islam, Md. S., Shamsuzzoha, Md., & Ismail, Z. (2025). Seasonal dynamics of Potentially Toxic Elements (PTEs) in a riverine ecosystem in a developing country: a baseline study. *International Journal of River Basin Management*, 1–18. <https://doi.org/10.1080/15715124.2025.2600065>
- Kormoker, T., Proshad, R., Islam, Md. S., Shamsuzzoha, Md., Akter, A., & Tusher, T. R. (2021). Concentrations, Source Apportionment and Potential Health Risk of Toxic Metals in Foodstuffs of Bangladesh. *Toxin Reviews*, 40(4), 1447–1460. <https://doi.org/10.1080/15569543.2020.1731551>
- Kulatunga, U., Wedawatta, G., Amaratunga, D. G., & Shamsuzzoha Md. (2013). *Disaster Risk and Community Vulnerability: The Case of Patuakhali, Bangladesh*. <https://api.semanticscholar.org/CorpusID:15175672>
- Mahadi, Md. M. Al, Takashino, N., Shamsuzzoha, Md., Kibria, M. G., & Abedin, Md. A. (2026). Unsettled Tenure: Indigenous Land Rights Conflicts in Madhupur Sal Forest of Bangladesh. *Journal of Hazards, Risk and Resilience*, 1(1). <https://doi.org/10.53941/jhrr.2026.100017>
- Md. Shamsuzzoha, Md. Anwarul Abedin, Shaw, R., & Ahamed, T. (2025). Cyclonic Hazards. In *Encyclopedia of Disaster Risk Reduction* (pp. 1–9). Springer Nature Singapore. https://doi.org/10.1007/978-981-97-4547-0_198-1
- Md. Shamsuzzoha, Md. Mazharul Anwar, Hossain Setu, S., Md. Mostafizur Rahman, Md. Abul Basar Rony, Md. Anwarul Abedin, & Shaw, R. (2025). Riverine Flood Hazard. In *Encyclopedia of Disaster Risk Reduction* (pp. 1–9). Springer Nature Singapore. https://doi.org/10.1007/978-981-97-4547-0_266-1
- Myint Htun, A., Shamsuzzoha, M., & Ahamed, T. (2023). Rice yield prediction model using normalized vegetation and water indices from Sentinel-2A satellite imagery datasets. *Asia-Pacific Journal of Regional Science*, 7, 491–519. <https://doi.org/10.1007/s41685-023-00299-2>
- Nur, Most. N. B., Sheikh, S., Shamsuzzoha, Md., Rasheduzzaman, Md., Oyshi, I. Z., Ishana, K., Rahman, M. A., & Shaw, R. (2026). Climate Change and Human Health: Unveiling the Perceptions of Kuakata Municipality in Bangladesh. *Journal of Hazards, Risk and Resilience*, 1(1), 10. <https://doi.org/10.53941/jhrr.2026.100010>
- Oyshi, I. Z., Shamsuzzoha, Md., Islam, Md. T., Abedin, Md. A., Siddeqa, M., Ishana, K., Setu, S. H., Nur, Most. N. B., Rasheduzzaman, Md., & Shaw, R. (2026). Sustainable Livelihoods under Water: The Case of Waterlogging in Barishal City Corporation, Bangladesh. *Journal of Hazards, Risk and Resilience*, 1(1). <https://doi.org/10.53941/jhrr.2026.100015>
- Oyshi, I. Z., Shamsuzzoha, Md., Rasheduzzaman, Md., Islam, Md. T., Hoque, Md. S., Chakma, S., Setu, S. H., Hossain, M. K., Ismail, Z., Islam, Md. S., & Idris, A. M. (2026). Assessment of

- microplastics on the coastal urban waterways in a developing country: a spectrometric study. *Scientific Reports*. <https://doi.org/10.1038/s41598-026-56280-4>
- Pyka, L. M., Al-Maruf, A. A., Braun, B., Shamsuzzoha, M., & Jenkins, J. C. (2020). Floating Gardening in Coastal Bangladesh: Evidence of Sustainable Farming for Food Security Under Climate Change. *Journal of Agriculture, Food and Environment*, 01(04), 161–168. <https://doi.org/10.47440/JAFE.2020.1424>
- Rahaman, M. A., Mursheduzzaman, Ali Reza, G. A. M., Chowdhury, A. M., Avi, A. R., Chakraborty, T. R., & Shamsuzzoha, M. (2020). Nature-Based Solutions to Promote Climate Change Adaptation and Disaster Risk Reduction Along the Coastal Belt of Bangladesh. In *The Palgrave Handbook of Climate Resilient Societies*. https://doi.org/10.1007/978-3-030-32811-5_49-1
- Rasheduzzaman, M., Shamsuzzoha, M., Saleh Md Ifat Istiak, A., Jashim Uddin, M., Ishana, K., Kabirul Islam, M., Shaw, R., & Aruga, K. (2025). *Sustainable Economic Security for Building Disaster-Resilient Communities in Vulnerable Coastal Areas of Bangladesh*. <https://doi.org/10.3390/rsee2030019>
- Reza, A. F. G. M., Kormoker, T., Idris, A. M., Shamsuzzoha, Md., Islam, Md. S., El-Zahhar, A. A., & Islam, Md. S. (2022). Removal of Arsenic (III) from Aqueous Media Using Amine Functionalized-grafted Styrene/Maleic Anhydride Low-density Polyethylene Films. *Toxin Reviews*, 41(3), 713–720. <https://doi.org/10.1080/15569543.2021.1922921>
- Sardar, Md. E., Rahman, M. A., Rasheduzzaman, Md., Shamsuzzoha, Md., Azad, A. K., Akter, A., Ishana, K., Parvez, A., Abedin, Md. A., Islam, M. K., Majumder, Md. S. I., Ansary, M. A., & Shaw, R. (2026). A Systematic Review of Terrestrial Laser Scanning (TLS) Applications in Sediment Management. *NDT*, 4(1), 10. <https://doi.org/10.3390/ndt4010010>
- Shamsuzzoha, M., Abdul, A., & Biswas, A. (2010). Sustainable Biodiversity Management of The Sundarban: Disaster Management Perspective. *Journal of Patuakhali Science and Technology University*, 2(1), 71–91. <https://www.researchgate.net/publication/313065408>
- Shamsuzzoha, M., & Ahamed, T. (2023). Shoreline Change Assessment in the Coastal Region of Bangladesh Delta Using Tasseled Cap Transformation from Satellite Remote Sensing Dataset. *Remote Sensing*, 15(2). <https://doi.org/10.3390/rs15020295>
- Shamsuzzoha, M., & Ahamed, T. (2024a). Application of Introducing Damaged Area Index for Cultivated Agricultural Lands Affected by Recurrent Tropical Cyclones Bulbul and Amphan Using Satellite Remote Sensing. In T. Ahamed (Ed.), *Remote Sensing Application II. New Frontiers in Regional Science: Asian Perspectives* (Vol. 77, pp. 165–178). Springer. https://doi.org/10.1007/978-981-97-1188-8_6
- Shamsuzzoha, M., & Ahamed, T. (2024b). Assessment of Shoreline and Agricultural Land Use Changes in the Onshore Coastal Region of Bangladesh Delta Using Satellite Remote Sensing and GIS. In T. Ahamed (Ed.), *Remote Sensing Application II. New Frontiers in Regional Science: Asian Perspectives* (Vol. 77, pp. 85–119). Springer. https://doi.org/10.1007/978-981-97-1188-8_4
- Shamsuzzoha, M., Ghosh, R., Al-Maruf, A., Faisal, M., Hossain, E., Rasheduzzaman, M., Mandal, S., Biswas, P., Rajeev, A., Istiak, I., & Zaman, A. (2018, September 5). *Determination of Economic Security and Social Capital for Climate Change Adaptation to Cyclone Risk at Household Level in Coastal Region of Bangladesh Delta*. <https://doi.org/10.13140/RG.2.2.32519.42406>

- Shamsuzzoha, M., Khurshid, J., Kormoker, T., Islam, M., Rasheduzzaman, M., Ishana, K., & Nahar, N. (2019). Influence of Climatic Factors on Child and Maternal Health at Disaster-prone Coastal Region of Patuakhali Sadar Upazila in Bangladesh. *Environmental and Biological Research*, 1(1), 61–71. <https://www.researchgate.net/publication/348404437>
- Shamsuzzoha, M., Noguchi, R., & Ahamed, T. (2021). Damaged Area Assessment of Cultivated Agricultural Lands Affected by Cyclone Bulbul in Coastal Region of Bangladesh Using Landsat 8 OLI and TIRS Datasets. *Remote Sensing Applications: Society and Environment*, 23. <https://doi.org/10.1016/j.rsase.2021.100523>
- Shamsuzzoha, M., Noguchi, R., & Ahamed, T. (2022a). Rice Yield Loss Area Assessment from Satellite-derived NDVI after Extreme Climatic Events Using a Fuzzy Approach. *Agricultural Information Research*, 31(1), 32–46. <https://doi.org/10.3173/air.31.32>
- Shamsuzzoha, M., Noguchi, R., & Ahamed, T. (2022b, May 29). Introducing Damaged Area Index for Agricultural Lands Affected by Cyclones. *Geospatial Applications for Natural Resources, Environment and Agriculture*. <https://confit.atlas.jp/guide/event-img/jpgu2022/MSD41-P05/public/pdf?type=in>
- Shamsuzzoha, M., Rasheduzzaman, M., Ghosh, R., & Ishana, K. (2017). Building Resilience for Drinking Water Shortages through Reverse Osmosis Technology in Coastal Areas of Bangladesh. *International Conference on Building Resilience- 2017*, 103. <https://www.researchgate.net/publication/325382182>
- Shamsuzzoha, M., Shaw, R., & Ahamed, T. (2024a). Machine Learning System to Assess Rice Crop Change Detection from Satellite-derived RGVI Due to Tropical Cyclones Using Remote Sensing Dataset. *Remote Sensing Applications: Society and Environment*, 35, 101201. <https://doi.org/10.1016/j.rsase.2024.101201>
- Shamsuzzoha, M., Shaw, R., & Ahamed, T. (2024b, January 17). Country Perspective on Disaster Risk Governance in Bangladesh. *Rethinking Disaster Risk Management in South Asia, Panel-1: A Synergistic Approach to Disaster Risk Governance*. <https://www.researchgate.net/publication/379946968>
- Shamsuzzoha, Md. (2023). *Assessment of Agricultural Land Use Change in Onshore Coastal Regions Due to Extreme Climatic Events Using Machine Learning and Remote Sensing* [PhD Thesis, University of Tsukuba]. <https://tsukuba.repo.nii.ac.jp/records/2008644>
- Shamsuzzoha, Md., & Al-Maruf, A. (2012). Post SIDR Life Strategy: Adaptation Scenario of Settlements of the South. *Institute of Bangladesh Studies (IBS) Journal*, 19, 207–222. <https://www.ru.ac.bd/ibs/wp-content/uploads/sites/56/2022/07/JIBS-Bangla-19.pdf>
- Shamsuzzoha, Md., Biswas, A. K. M. A. A., Hasan, Md. M., Faisal, Md., Hazra, P., Ghosh, R. C., Rasheduzzaman, Md., Debnath, P., Rahman, Md. A., & Shaw, R. (2025). Determination of Constraints in Existing DRR Coordination Mechanisms Among Different Humanitarian Actors of Coastal Bangladesh. In R. Shaw, T. Izumi, R. Djalante, & F. Imamura (Eds.), *Two Decades from the Indian Ocean Tsunami: Key Challenges and Advancements* (pp. 379–409). Springer Nature Singapore. https://doi.org/10.1007/978-981-96-2669-4_21
- Shamsuzzoha, Md., Hasan, Md. F., Anwar, Md. M., Majumder, Md. S. I., Khan, A. B. M. M. M., Sarker, D., Abedin, Md. A., & Shaw, R. (2025). Gender-Responsive Drought Resilience and DRR Approaches in Bangladesh. In *Climate Crisis in South and East Asia: Analyzing Cross Cutting Issues*

and Sustainable Solutions from Gender Perspective (pp. 83–101). Springer. https://doi.org/10.1007/978-3-032-01012-4_4

Shamsuzzoha, Md., Hasan, Md. F., Rasheduzzaman, Md., Talukder, Md. F., Ahamed, T., & Shaw, R. (2025). Bangladesh's Progress on Disaster Risk Reduction Over the Past 20 Years. In R. Shaw, T. Izumi, R. Djalante, & F. Imamura (Eds.), *Two Decades from the Indian Ocean Tsunami: Key Challenges and Advancements* (pp. 317–358). Springer Nature Singapore. https://doi.org/10.1007/978-981-96-2669-4_19

Shamsuzzoha, Md., Kormoker, T., & Ghosh, R. C. (2018). Implementation of Water Safety Plan Considering Climatic Disaster Risk Reduction in Bangladesh: A Study on Patuakhali Pourashava Water Supply System. *Procedia Engineering*, 212, 583–590. <https://doi.org/10.1016/j.proeng.2018.01.075>

Shamsuzzoha, Md., Mandal, S., Rasheduzzaman, Md., & Zaman, A. K. M. M. (2017). Multi Hazard Disaster Risk Assessment of Housing at Southern Coast of Bangladesh. *The International Journal of Science & Technoledge*, 5(10). <https://www.internationaljournalcorner.com/index.php/theijst/article/view/123681/84810>

Shamsuzzoha, Md., Rasheduzzaman, Md., & Ghosh, R. C. (2018). Building Resilience for Drinking Water Shortages through Reverse Osmosis Technology in Coastal Areas of Bangladesh. *Procedia Engineering*, 212, 559–566. <https://doi.org/10.1016/j.proeng.2018.01.072>

Shamsuzzoha, Md., Setu, S. H., Ishana, K., Abdul Ahad Biswas, A. K. M., Islam, M. K., Saiful Islam, Md., Rasheduzzaman, Md., Jashim Uddin, Md., Anwarul Abedin, Md., & Shaw, R. (2025). Gender Dynamics in Climate Change-Induced Disasters in Bangladesh: Early Warning to Build Back Better. In *Climate Crisis in South and East Asia: Analyzing Cross Cutting Issues and Sustainable Solutions from Gender Perspective* (pp. 59–82). Springer. https://doi.org/10.1007/978-3-032-01012-4_3

Shamsuzzoha, Md., Setu, S. H., Oyshi, I. Z., Lei, W., Abedin, Md. A., Akter, A., & Ahamed, T. (2026). Shoreline and Onshore Phenological Characteristics Change Assessment of Bangladesh Delta Adjacent to the Bay of Bengal from 2021 to 2025 Using Satellite Remote Sensing. *Coasts*, 6(2), 21. <https://doi.org/10.3390/coasts6020021>

Talukder, M. F., Shamsuzzoha, M., & Hasan, I. (2018). Damage and Agricultural Rehabilitation Scenario of Post Cyclone Mahasen in Coastal Zone of Bangladesh. *Journal of Sociology and Anthropology*, 2(1). <https://doi.org/10.12691/jsa-2-1-7>

Editorial Board Member of Journals

- Journal of Hazards, Risk and Resilience, *Scilight Press*, Editor-in-Chief: Prof. Rajib Shaw, Keio University, Japan, Email: shaw@sfc.keio.ac.jp, Editorial Office of *Journal of Hazards, Risk and Resilience (JHRR)* Suite 4002 Level 4, 447 Collins Street, Melbourne, Victoria 3000, Australia jhrr@sciltp.com, Editorial board: <https://www.sciltp.com/journals/jhrr/editorial-board>
- Journal of Limnology and Water Resources, *Research Center for Limnology and Water Resources, National Research and Innovation Agency (BRIN)*, Indonesia. p-ISSN: 0854-8390, e-ISSN: 2549-8029, Editor-in-Chief: Dr. Fajar Setiawan, Email: fajar.earth@gmail.com, Editorial Board: <https://ejournal.brin.go.id/limnotek/team>

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- SciProfiles: <https://sciprofiles.com/profile/2581176>

- ResearchGate: <https://www.researchgate.net/profile/Md-Shamsuzzoha>
- Web of Science: <https://www.webofscience.com/wos/author/record/AFW-5850-2022>
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References:

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