

Curriculum Vitae

of

Saurav Dey Shuvo



EDUCATIONAL ATTAINMENT

Master of Science (M.Sc.) in Meteorology (2019)

Institution : University of Dhaka
Duration of course : 03 (three) semesters in 18 (eighteen) months
Result : CGPA 3.94
Thesis Title : A Study on the Application of Numerical Models for Analyzing Flash Flood Events in Bangladesh

Bachelor of Science (B.S.) in Geography and Environment (2017)

Institution : University of Dhaka
Duration of course : 04 (four) years
Result : CGPA 3.72

JOURNAL ARTICLES

1. Sarker, M. M. A., Quadir, D. A., Rashid, T., Ahasan, M. N., **Shuvo, S. D.**, Meandad, J., Rabbani, K. M. G., & Fariha, T. R. (2021). Simulation of Structure, Intensity and Track of Super Cyclone Amphan Using High Resolution WRF-ARW Model. *The Dhaka University Journal of Earth and Environmental Sciences*, 8(2), 17–23. <https://doi.org/10.3329/dujees.v8i2.54835>
2. Islam, M. A., Meandad, J., **Shuvo, S. D.**, & Kabir, A. (2021). Modeling of Lightning Events using WRF-derived Microphysical Parameters. *The Dhaka University Journal of Earth and Environmental Sciences*, 8(2), 41–50. <https://doi.org/10.3329/dujees.v8i2.54838>
3. **Shuvo, S. D.**, & Awal, M. R. (2021). Assessing Atmospheric Instability over the Bay of Bengal during October and November Months between 2007 – 2018. *The Dhaka University Journal of Earth and Environmental Sciences*, 9(2), 45–54. <https://doi.org/10.3329/dujees.v9i2.55089>
4. **Shuvo, S.D.**, Rashid, T., Panda, S.K., Das, S., & Quadir, D.A. (2021). Forecasting of pre-monsoon flash flood events in the northeastern Bangladesh using coupled hydrometeorological NWP modelling system. *Meteorology and Atmospheric Physics*. <https://doi.org/10.1007/s00703-021-00831-z>

CONFERENCE PROCEEDINGS

- 1) Ashrafi, Z.M., **Shuvo, S.D.** and Mahmud, M.S. (2016, February). Change In Course Pattern Of The Teesta River: After Effect Of An Engineering Project. In *AGU Fall Meeting Abstracts*. (<https://agu.confex.com/agu/fm16/meetingapp.cgi/Paper/135346>)
- 2) **Shuvo, S.D.** (2017, July). Environmental awareness among urban residents in Bangladesh: a case study of Sylhet City Corporation. In *Symposium on Environmental Chemistry for Securing Water Quality Abstract Book, Bangladesh J. Sci. Ind. Res.* Volume: 52 (Special Issue), page: 43. (<http://www.banglajol.info>)
- 3) **Shuvo, S.D.** (2018, March). Climate change in Sundarbans after Cyclone Sidr and Aila: An interpretation of Meteorological Data. In *Proceedings of the 5th International Conference on Natural Science and Technology (ICNST'18)*. (<http://www.auw.edu.bd/ICNST/>)
- 4) **Shuvo, S.D.**, Rashid, T., Hassan, S.M.Q., Das, S. and Panda, S.K. (2019, November). A Study on the Application of Numerical Models for Analyzing Flash Flood Events in Bangladesh. In *International Conference on Contemporary Research and Applications of Meteorology*. Dhaka, Bangladesh.
- 5) **Shuvo, S.D.**, Rashid, T., Hassan, S.M.Q., Das, S. and Panda, S.K. (2020, January). Prediction of Flash Flood Events Using Numerical Weather Prediction Models. In *International Conference on Earth and Environmental Sciences & Technology for Sustainable Development (ICEEST 2020)*. Dhaka, Bangladesh.
- 6) Awal, M. R. and **Shuvo, S.D.** (2020, January). Numerical Analysis of Post-Monsoonal Convective Activities over Bay of Bengal in Recent Years. In *International Conference on Earth and Environmental Sciences and Technology for Sustainable Development (ICEEST 2020)*. Dhaka, Bangladesh.

EXPERIENCE

- Presently working as a 'Lecturer' at Department of Meteorology, University of Dhaka. [Joined on 30th December 2019]
- Previously worked as a 'Teaching Assistant' at Department of Meteorology, University of Dhaka. [From 01st September 2019 to 29th December 2019]
- Previously worked as a 'Laboratory Assistant' at Department of Geography and Environment, University of Dhaka. [From 02nd July 2017 to 28th February 2018]
- Participated in Internship Programs from Bangladesh Meteorological Department (Dhaka, Bangladesh); India Meteorological Department (New Delhi, India); and Department of Atmospheric Science, Central University of Rajasthan (Rajasthan, India). [From January 2019 to June 2019]