

Field of Interest: Environmental Engineering

Qualification: M. Engg (On going) (CUET); B.Sc. Engg. (CUET)

Courses Taught:

- Open Channel Hydraulics (Theory & Sessional)
- Fluid mechanics (Theory & Sessional)
- Environmental Engineering (Theory & Sessional)

Publications:

| Ser<br>ia<br>l<br>N<br>o. | Title   | Authors   | Journal/Conference   | Y<br>e<br>a<br>r |
|---------------------------|---|---|--|------------------|
| 01.                       | "Intrusion of Salinity in the Coastal Belt Area of Pekua Upazilla in Chattogram, Bangladesh and its impacts on Crop Production. | Sayam Akter <sup>1*</sup> ,<br>Tasnima Zannat   | 5 <sup>th</sup> International Conference on Industrial & Mechanical Engineering and Operations Management (IMEOM 2022) – IEOM Dhaka Conference, Dhaka, Bangladesh, December 26-28, 2022. | 2<br>0<br>2<br>2 |
| 02.                       | A study on Seasonal variation of Ground Water Level in Chattogram City  | Sayma <sup>*1</sup> , Md.<br>Rabiul <sup>2</sup> and Anik<br>Mitra <sup>3</sup> ,                     | Website and Conference Poster of IEB 5th Annual Paper Meet & 2nd Civil Engineering Congress, Dhaka 29-30 JULY, 2022.   | 2<br>0<br>2<br>2 |
| 03.                       | Determination of Ground water level in Chattogram City at Rainy season  | S. Akter, A. Uddin,<br>S. datta, (2022),  | "3rd International Conference on Research & Innovation in Civil Engineering (ICRICE 2022), 7-8 January, 2022.  | 2<br>0<br>2<br>2 |
| 04.                       | Salinity intrusion into ground water and increasing climate refuge in the coastal belt of                                       | S. Akter <sup>1*</sup> , T.<br>Jannat <sup>2</sup> , M. Ashraf <sup>3</sup> ,<br>Md. Sheikh, N. Hasan | 5 <sup>th</sup> International Conference on Advances in Civil Engineering (ICACE-2020), 21-  | 2<br>0<br>2<br>2 |

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|---------|--|---|--|------------------|
|         | Chittagong<br>Bangladesh:An Assessment   |   | 23December2020,CUET,Chattogram,Bangladesh  | 0                |
| 0<br>5. | Intrusion of salinity into<br>ground water in the coastal<br>belt of Chittagong<br>Bangladesh: an assessment,    | S.Akter <sup>1*</sup> ,T.Jannat <sup>2</sup> ,<br>M.Ashraf <sup>3</sup> ,M.A.H.Ti<br>tu,Md.I.Alam   | 2nd International conference<br>on Research andInnovation in<br>Civil Engineering (ICRICE<br>2020,10-11<br>January,2020,Southern<br>UniversityBangladesh.    | 2<br>0<br>2<br>0 |
| 0<br>6. | Drinking water quality<br>assessment of street stalls in<br>Chattogram City: A case study<br>of panchlaish thana | S. Akter <sup>1*</sup> , F.T.<br>Jahara <sup>2</sup> , F.rafiq <sup>3</sup> ,<br>M.A.Jamil, M.Ullah | 2nd International conference<br>on Research and Innovation in<br>Civil Engineering (ICRICE<br>2020),10-11<br>January,2020,Southern<br>University Bangladesh. | 2<br>0<br>2<br>0 |
| 0<br>7. | Determination of ground<br>water level in Chittagong city  | Sayma Akter <sup>1</sup> and<br>M. N. Anwar <sup>2</sup>  | 4thInternationalConferenceon<br>CivilEngineeringfor<br>Sustainable<br>Development(ICCESD 2018),<br>9~11 February 2018,<br>KUET,Khulna,Bangladesh             | 2<br>0<br>1<br>8 |
| 0<br>8. | AssessmentonWasteGeneratio<br>n of Different Markets in<br>Chittagong City,                                      | SaymaAkter,M.S.Isla<br>m,A.Sharma&M.I.H<br>oq   | 1st International conference<br>onResearchandInnovationinCivilE<br>ngineering(ICRICE2018),12-<br>13January,2018,SouthernUnivers<br>ityBangladesh.            | 2<br>0<br>1<br>8 |
| 0<br>9. | Investigation of Ground Water<br>Table inChittagongCity  | Sayma Akter,Amit<br>Dey, Md. Habibur<br>Rahman,   | 1stInternationalconferenceonResea<br>rchandInnovationinCivilEngineeri<br>ng(ICRICE2018),12-<br>13January,2018,SouthernUniversit<br>yBangladesh.              | 2<br>0<br>1<br>8 |
| 1<br>0. | Assessment On<br>SupplyWaterQualityOfChittag<br>ongWaterSupplyandSewerage<br>Authority(Cwasa                     | Sayma Akter,Md.<br>Nur Alam,Md.<br>Morshed Alam,<br>M.A.Hossen                                      | 1stInternationalconferenceonRese<br>archandInnovationinCivilEngineer<br>ing(ICRICE2018),12-<br>13January,2018,SouthernUniv<br>ersityBangladesh.              | 2<br>0<br>1<br>8 |