**SHORT PROFILE**

**NAME**  : DR. SATABDI BISWAS **DEPARTMENT :** GEOGRAPHY

**DESIGNATION** : ASSOCIATE PROFESSOR **SPECIALIZATION :** ENVIRONMENTAL GEOGRAPHY

**QUALIFICATION** : PH. D (JU), M. A (CU), B. ED (CU) **RESEARCH AREA** : WATER AND HAZARD

**EMAIL ID (S)** : [satabdibiswas2009@gmail.com](mailto:satabdibiswas2009@gmail.com)

**DATE OF BIRTH** : 06.12.1976 **PUBLISHED PAPERS** : 31 National and International Journals

**WORK EXPERIENCE** : 19 Years+

**KNOWN SOFTWARE** : Q-GIS, ARC GIS, ERDAS IMAGINE Software, SPSS

1. Key Speaker in International and National Seminars/ Webinar: 6 (International Institute of Geospatial Science & Technology, SAIRAD, East Calcutta College, Dinabandhu Mahavidyalaya etc.)
2. **Published Articles in Journal, Edited Book**-

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| **Sl. No.** | **Title of the Book/ Journal with year** | **Title of the Article/ Chapter** | **ISBN/ISSN** | **Publisher** |
| 1. | Environmental Degradation in Asia, 2022 | Impact of Land Use- Land Cover and Socio-economic Changes on Groundwater Availability: A Case Study of Barrackpore-II Block, West Bengal, India | 978-3-031-12112-8(Online) | Springer |
| 2. | Arabian Journal of Geosciences,  2021 | Assessment of Adoption Potential of Rooftop Rainwater Harvesting to Combat Water Scarcity: A Case Study of North 24 Parganas District of West Bengal, India | 14:1636, https://doi.org/10.1007/s12517-021-07989-1 2021. | Springer  IF- 1.827. |
| 3. | Geospatial Technology for Environmental Hazards  Modelling and Management in Asian Countries, 2021 | Social Vulnerability of Arsenic Contaminated Groundwater in the Context of Ganga-Brahmaputra-Meghna Basin: A Critical Review | ISBN 978-3-030-75196-8 ISBN 978-3-030-75197-5 (eBook)  https://doi.org/10.1007/978-3-030-75197-5 | Springer |
| 4. | Issues in Sustainable Development, 2021 | Assessment of water related problems and adoption of RRH BY Rural Households, | ISBN: 978-939113919-3, | Rajesh Publications, New Delhi-110002 |
| 5. | Arthaniti-Journal of Economic Theory and Practice, 2020 | Water Insufficiency, Health Hazards and Rainwater Harvesting in North 24 Parganas, West Bengal, India: Results of a Socio-Economic Survey | eSSN: 25172654 | ISSN: 09767479 | Sage |
| 6. | Advances in Water Resources Management for Sustainable Use, 2021 | Socio-economic Assessment of Arsenic and Iron Contamination of Groundwater and Feasibility of Rain Water Harvesting (RWH): A Case Study of Amdanga Block, North 24 Parganas, West Bengal, India | ISBN 978-981-33-6411-0  ISBN 978-981-33-6412-7 (eBook)  hhttp://doi.org/10.1007/978-981-33-6412-7 | Springer |
| 7. | Urbanization and its Impact on Water-A Case Study of Barasat Municipality. 2020 | Water: Resource and Sustainability | 978-81-942574-0-0 | South Asian Institute for Advanced Research and Development |
| 8. | Indian Journal of Regional Science,  2019. | Efficacy of Rainwater Harvesting in Overcoming Water Scarcity Problem of Amdanga Block, North 24 parganas, West Bengal-A Statistical Approach. p 8-15 | ISSN:0046-9017(print)  ISSN:2456-6519(online) | Regional Science Association, India |
| 9. | Indian ground Water, XIII.  Issue No.2,  2019 | Potentiality of Rainwater Harvesting in Water Stress Area: Case of Amdanga in North 24 Parganas of West Bengal, | ISSN: 2347-8063 | Centre for Ground Water Studies, Govt. W. B |
| 10. | Indian ground Water, XI.  2018 | Rainwater Harvesting (RWH)- A path not profusely explored to solve the crisis of water scarcity, | ISSN: 2347-8063 | Centre for Groundwater Studies, Govt. of W.B |
| 11. | Eastern Geographers, Vol. XXIV, NO-1, 2018 | Quasi-natural Hazard of Groundwater and its Abatement: A Case Study of Amdanga Block, North 24Parganas, West Bengal, India. | ISSN:0973-7642  . | Utkal University, Odisha, India |
| 12. | Annual journal, 2019 | Rain Water Harvesting-Good to Small Things | ISSN2277-4718 | Mrinalini Datta Mahavidyapith, Kolkata |
| 13. | Indian Journal of Regional Science, XLIX (2),  Nov. 2017 | Simple Supportive Urban Water Management-A Case Study of Barasat Municipality, West Bengal, p 72-78. | [ISSN:0046-9017(print) ISSN:2456-6519(online)] | Regional Science Association, India |
| 14. | Groundwater Resource Management Issues in view of Climate Change in West Bengal, Sikkim and Andaman and Nicobar Islands, 2017 | Rain Water Harvesting- A Simple Way-out of Ground Water Related Problem | Conference Proceedings | CGWB, Govt. of India |
| 15. | Explorations An Annual Multidisciplinary Bilingual Research Journal, 2015-2016 | Urbanization and its Water Management- A Case Study of Barasat Municipal Area | ISSN 2349-9672 | Belda College, W. B |
| 16. | From Slumber to Action Managing the Disaster, 2015 | Natural Disaster: Cyclone and its Management | ISBN 978-93-80761-98-5 | Avenel Press. |
| 17. | Bhugolika, 2015 | Jal Sanrakshan | ISSN2319-6122 | Bangio Bhugol Mancha |
| 18. | Annual Journal MDM, 2014-2015 | Relevance of Water harvesting Today. | ISSN 2277-4718 | Mrinalini Datta Mahavidyapith, Kolkata |
| 19. | Bhugolika, 2013-2014 | Biparjoy Mokabila o N.D.R.F. | ISNN 2319-6122 | Bangio Bhugol Mancha |
| 20. | Biodiversity: Interrelationship Between Flora, Fauna and Human, 2013-14 | Conservation of Rhinoceros in WB | ISBN978-81-929410-04 | Mrinalini Datta Mahavidyapith, Kolkata |
| 21. | Horizon and Beyond, 2014 | Urban Societal change and Economic Growth: A case study of North DumDum Municipality | Conference proceeding | B.G.C in National seminar |
| 22. | Annual Journal, MDM, 2013-14 | Socio-Economic-Environmental Issues in the process of development –A Special study of Metro Rail Expansion during second phase | ISSN 2277-4718 | Mrinalini Datta Mahavidyapith, Kolkata |
| 23. | A Collection of Essays Disaster Management, 2013-14 | Natural Disasters and Threat to Biodiversity | NA | C.U Academic Staff College |
| 24. | Bhugolika, 2013 | Sundorboner Joibo Baichitro O- Tar Sanrakshan | ISNN 2319-6122 | Bangio Bhugol Mancha |
| 25. | Annual Journal MDM 2011-2012 | Sobhyotar Boli Bidyadhori | ISNN 2277-4718 |  |
| 26. | Indian Journal of Landscape Systems & Ecological Studies, 2011 | East Kolkata Wetland- Past Heritage & Future Prospect | ISNN 0971-4170 | IILE |
| 27. | Bhugolika, 2011 | Jolabhumi-Poribesher Obichhedyo Ongo | ISNN 2319-6122 | Bangio Bhugol Mancha |
| 28. | Indian Journal of Landscape Systems & Ecological Studies, 2010 | Evolution of A Town- A Case Study of Madhyamgram | ISNN 0971-4170 | IILE |
| 29. | Annual Journal MDM, 2009-10 | Formation of cities | ISSN 2277-4718 | Mrinalini Datta Mahavidyapith, Kolkata |

1. **Paper Presented in Academic Seminar/Webinar/Conference/Workshop**: In 35 National and International Seminars.
2. **Participated in Different Training Courses: 12 (**Two Week Short Term Course in Remote Sensing & GIS, 2020; Quantitative Analysis in Social Sciences by software, 2019; Emerging Trends in Mechanical Engineering with Inter-Disciplinary Application, 2019; Short Term Week End Course on Research Methods in Social Sciences Using SPSS, 2018; Research methodology: quantitative & qualitative analysis, 2018; Ground Water Development & Management Training Course, 2017; International Workshop on Flood Disaster & Management, 2017; QGIS Software course, 2015).
3. **Performing Administrative Responsibilities**: University Nominee (2 Colleges), Few W.B Govt. responsibility,
4. **Membership of Learned Societies**: 10. (Life member of INCA, ILE, Foundation of Practicing Geographers, Indian Public Health Association, Member of Regional Science Association, Centre for Groundwater Studies and Bangiyo Bhugol Mancha etc.)
5. **Act as Convenor and Organising secretary** of National and International seminars