

DR. SUCHITA DUTTA



General Information:

Department: Geography

Designation: State Aided College Teacher (SACT, Category: I)

Qualification:

- Fellow (Doctorate) in Geography from West Bengal State University, Barasat (WBSU) (2012-2017) [PhD Topic: Shrimp Culture in Indian Sundarban - A Geographical Analysis]
- Master of Science (M.Sc.) in Geography from the University of Madras (2008)
- Bachelor of Science (B.Sc.) in Geography from the University of Calcutta (2006)

Present Research Interest:

My research interests centre on the intersection of social and environmental geography, focusing on contemporary socio-economic, socio-ecological, and socio-cultural challenges. I am particularly interested in population and gender studies, examining the dynamic interactions between human societies and their environments amid rapid global transformations. This work seeks to address pressing issues such as climate adaptation, rural-urban inequities, and sustainable development pathways.

Email: suchita.geog@gmail.com

Teaching Experience:

- Working as a **State Aided College Teacher** (SACT, Category – I) in **Geography** since January 2020 under **Dum Dum Motijheel Rabindra Mahavidyalaya**

- Worked as a **Guest Lecturer** in **Geography** from August 2017 to December 2019 under **Dum Dum Motijheel Rabindra Mahavidyalaya**
- Worked as an **Internal** and **External Examiner** (Practical Exam Honours) & **Examiner** (Theory Paper) under WBSU of Geography.

Research:

- Worked as a **Research Assistant** in **GIS & Afforestation related Research Project** from March 2009 to March 2011 under the **REGIONAL CENTRE, NATIONAL AFFORESTATION & ECO-DEVELOPMENT BOARD (MoEF, GoI), JADAVPUR UNIVERSITY, KOLKATA**

Publication:

National Journal Publications:

Sultana, N. & **Dutta, S.** (2025). **Socioeconomic insecurities among brick kiln workers: A study in Sangrampur, Shibati GP, Basirhat-I CD Block.** *Academic Journal*, 18, 87–109. Dum Dum Motijheel Rabindra Mahavidyalaya. <https://ddmrmjournal.in>

Dutta, S. (2019). **Assessment of forest cover area of West Bengal through remote sensing and geographical information system.** *Academic Journal*, 12, 48–57. Dum Dum Motijheel Rabindra Mahavidyalaya.

Dutta, S., & Basu, S. (2016). **Shrimp aquaculture and environment: A comparative study.** *Indian Journal of Spatial Science*, 7(2), 23–29.

Dutta, S. (2015). **Status of improved shrimp cultivation in the Sundarbans, West Bengal.** *Indian Journal of Regional Science*, 47(2), 48–55.

Conference Publications:

Sonkar, S., Biswas, S., **Dutta, S.**, & Chatterjee, M. (2010, February). **Role of seabuckthorn in promotion of rural livelihoods in Sikkim.** In *Seabuckthorn: Emerging trends in production to consumption* (p. 18). CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur, India.

Sonkar, S., Mukherjee, B., **Dutta, S.**, & Roy, A. (2011, February). **Medicinal plants in an urban environment: Few medicinal flora of North 24 Parganas district, West Bengal, India.** In *Emerging trends in natural product research* (Abstract No. SNPS-NPR-11/136, p. 94). School of Natural Product Studies, Jadavpur University, Kolkata.

Dutta, S. (2016, March 17–18). **Development of shrimp aquaculture and its impact on the environment.** Paper presented at the *National Seminar on Development and Environment*, Department of Geography, West Bengal State University, Barasat, India.

Dutta, S., & Basu, S. (2016, November 18–19). Gender discrimination and women empowerment in shrimp farming: A case study of the Indian Sundarban. Paper presented at the **UGC Sponsored National Seminar on Environment and Sustainability, Department of Geography, Prasanta Chandra Mahalanobis Mahavidyalaya, Bon-Hooghly, India.**

International Book Chapters:

Majumder, M., **Dutta, S.**, Barman, R. N., Jana, B. K., Roy, P. K., & Mazumdar, A. (2009). **Use of forest index or PLANOBAY in estimation of water availability due to climate change.** In B. K. Jana & M. Majumder (Eds.), *Impact of climate change on natural resource management* (pp. 45–70). Springer.

Majumder, M., **Dutta, S.**, Barman, R. N., Roy, P., & Mazumdar, A. (2009). **Estimation of the spatial variation of stream flow by neural models and surface algorithms.** In B. K. Jana & M. Majumder (Eds.), *Impact of climate change on natural resource management* (pp. 161–182). Springer.

Majumder, M., **Dutta, S.**, Jana, B. K., Barman, R. N., Roy, P., & Mazumdar, A. (2009). **Estimation of the spatial variation of water quality by neural models and surface algorithms.** In B. K. Jana & M. Majumder (Eds.), *Impact of climate change on natural resource management* (pp. 183–202). Springer

National Book Chapters:

Dutta, S., & Basu, S. (2016). Gender discrimination and women empowerment in shrimp farming: A case study of the Indian Sundarban. In *Environment and sustainability* (pp. 153–164). J.B. Books and Learning.

No. of Seminars/Webinars attended:

Total number of Seminars/Webinars attended - 33

Teaching Experiences in Other Institutions:

- Working as a **Guest Faculty in Geography** since August 2018 **under West Bengal State University, Barasat**
- Experience in **Postgraduate dissertation Project Guidance on** Regional Planning and Rural Development in the Field of Geography since January 2020 **under West Bengal State University, Barasat**
- Worked as a **Guest Lecturer in Geography** from March 2011 to December 2019 under **Prasanta Chandra Mahalanobis Mahavidyalaya**
- Worked as **an Internal Examiner** for the Practical Examination under **Netaji Subhas Open University**

Faculty Induction Programme/ Refresher Courses/ Short-Term Courses/ Others:

Faculty Development Programme:

- **ICSSR-sponsored Faculty Development Programme (FDP) on Application of Artificial Intelligence in Social Science** (16th to 23rd April, 2006) organised by the **Research and Development Cell & IQAC, Dum Dum Motijheel Rabindra Mahavidyalaya, Kolkata**, in association with **The Centre for Studies in Social Sciences, Calcutta**
- **30-Hours' International Faculty Development Programme (FDP) on Research Methodology in Social Sciences: Concepts, Tools and Techniques** (from 10th January 2025 to 25th January 2025) organised by **IQAC, Dum Dum Motijheel Rabindra Mahavidyalaya, Kolkata**, in collaboration with **Indian Academic Researchers' Association (IARA)**

Short-term Course

- An online course on **"Basic of RS, GIS & GNSS"** (from 16th August 2021 to 26th November 2021) organised by the **Indian Institute of Remote Sensing, Dehradun**.
- **"Short Term Course on Advanced Geoinformatics: Machine Learning in Geoinformatics"** (conducted online, from 20th September 2021 to 24th September 2021) organised by the Government of West Bengal, **Department of Science and Technology and Biotechnology, Bikash Bhavan, Kolkata**

Workshop

- Two-Day Workshop on **"Mapping the Climate Vulnerability from Open-Source Data"** at the Department of Geography, University of Calcutta, Kolkata, from 16-17 December 2025.
- Two-Day Workshop on **"River Management, River Health Assessment, Mining Impacts and River Ecology"** at the Department of Geography, Presidency University, Kolkata from 19-20 March 2025.
- Two-day workshop on **"Advanced Topographic Survey Techniques"** (3rd and 10th January, 2023) organised by the Department of Geography, West Bengal State University, Barasat
- One-day workshop on **"Qualitative and Quantitative Research Methods in Geographical Studies"** (12th February 2018) organised by the Department of Geography, Vivekananda College, Thakurpukur, Kolkata

- One-day workshop organised by the Department of Geography, West Bengal State University, Barasat on “**Introduction to CBCS Models for restructuring Under Graduate Syllabi**” (27th December, 2017)

Administrative Responsibilities in College:

- Convener of Eco-Club Committee since 2022
- Member of Research & Development Cell since 2025
- Member of Cultural Committee since 2022
- Member of Digital Record Committee (2022-2025)
- Member of the Admission committee, 2023

Honorary Posts/ Positions Held:

- Member of **Internal Quality Assessment Cell (IQAC)**, Prasanta Chandra Mahalanobis Mahavidyalaya, Bon-Hooghly, Kolkata (2025-2027)
- **Member** of the working/organising committee of the **Indian Society of Spatial Science** (2018-2020)
- Worked as **Jt. Convener** A National Level Symposium “**The Kolkata Mangrove Dialogue: In Search of Sustainable Coping Strategies for Fresh Water & Waste Plastic Management in The Indian Sundarban**” organised by Dum Dum Motijheel Rabindra Mahavidyalaya in collaboration with SOCEO: Consulting Services Pvt. Ltd., 27th February, 2020
- **Visiting Advisor**, SOCEO Consulting Services Private Limited, Kolkata, India (2019-2020).
- Worked as **Convener** of A National Level Symposium “**Living Under Threat: Mangrove of the Sundarbans Search for Coping Mechanisms Through an Innovative Interdisciplinary Approach**” organised by Prasanta Chandra Mahalanobis Mahavidyalaya in collaboration with SOCEO: Consulting Services Pvt. Ltd., 11th January, 2019
- Worked as a Co-editor in Conference Proceedings of **UGC Sponsored National Seminar on Environment and Sustainability** (18-19 November 2016), Department of Geography, Prasanta Chandra Mahalanobis Mahavidyalaya (ISBN: 978-93-83010-30-10)