

DR. GIYASUDDIN SIDDIQUE

Professor

Department of Geography

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Google Scholar: <https://scholar.google.com/citations?user=gppmbLUAAAAJ&hl=en&oi=ao>

Research Gate: <https://www.researchgate.net/profile/Giyasuddin-Siddique>



Personal Information

Date of Birth : 4th January, 1960
Sex : Male
Residence : Nazrul Palli, Bahirsarbamangala Para,
P.O.: PurbaBardhaman,
PIN: 713 101,
District: PurbaBardhaman,
West Bengal

Academic Qualification

Ph. D. in Science (Geography) in 1999 from The University of Burdwan

Title of the Thesis: *IMPACT OF DEFORESTATION IN PARTS OF SOUTH-WESTERN LATERITIC AREAS OF WEST BENGAL*

| Name of the Examination | Year | Board/Council/University | Name of the Institution |
|--|------|---------------------------|------------------------------|
| M.Sc. (Geography) (Special Paper: Environmental Geography) | 1983 | The University of Burdwan | The University of Burdwan |
| B.Sc. | 1981 | University of Calcutta | Vidyasagar College, |

| | | | |
|---------------------------|------|--------------|---------|
| (Geography Hons.) | | | Kolkata |
| Higher Secondary (10+2) | 1978 | W.B.C.H.S.E | |
| High Madrasah Examination | 1976 | W.B.B. M. E. | - |

Professional Experience

| Designation | Institute | Period |
|-----------------|----------------------------|---------------------------|
| Professor | The University of Burdwan | 21.09.2010 to till date |
| Reader | The University of Burdwan | 16.09.1999to20.09.2010 |
| Senior Lecturer | Nistarini College, Purulia | 11.04.1996to 15.09 1999 |
| Lecturer | Nistarini College, Purulia | 11.04.1988 to 10.04. 1996 |

Details of Experience: Teaching / Research / Administrative

A. Teaching experience:

(i) **Under Graduate level** (Honours and General Courses): More than 11 years

(ii) **Post Graduate level:** More than 25 years

(iii) **Special Teaching assignment for WBCS and NET** (Arranged by Burdwan University): 2006-2010.

B. Fields of Teaching: Environmental Geography, Human Ecology, Biogeography, Social Geography, Geographical Thought, Cartography, GIS and Remote Sensing

C. Research Experience:

➤ More than 39 years' experience of field-based research in **Forests, Deforestation, Tribal Culture, Traditional Ecological Knowledge, Human Ecology, Social Environmental Problems, Natural and Social Hazards, Climate Change, Gender Issues** etc.

➤ **Programme Coordinator, UGC SAP-DRS-I Programme 2012-2017**

D. Administrative Experience:

- 1. President, West Bengal Board of Madrasah Education (under the Department of Minority Affairs and Madrasah Education, Government of West Bengal), from January 2011 to February 2013.**
- 2. Head, Department of Geography, The University of Burdwan in three terms viz.,**
 - ✓ **22.09.2023 to till date**
 - ✓ **01.08.2015 to 31.07.2017**
 - ✓ **24.04.2004 to 23.04. 2006**
- 3. Coordinator, SAP-DRS Programme (2012 – 17) in the Department of Geography, The University of Burdwan**
- 4. Chairperson, Undergraduate Board of Studies (UGBoS) actively responsible for redesigning the existing syllabi of UG (Geography) in accordance with NEP, 2020 (effective from Session: 2023)**
- 5. Member, Executive Council, The University of Burdwan from 05.02.2024 till date.**

M.Phil. / Ph.D. Research Supervised:i) *Ph.D. degree awarded: 14*

| Sl. No. | Topic | Candidate | Year of Award |
|----------------|---|------------------------|----------------------|
| 1 | <i>Impact of Kangshabati Dam in some Selected Mouzas of Puruliya and Bankura District, West Bengal</i> | Ananta Gope | 2010 |
| 2 | <i>Socio-Economic Impacts of Quasi-Natural Hazards in Katoya and Kalna Sub-Divisions of Barddhaman District, West Bengal</i> | Nasima Firdous | 2012 |
| 3 | <i>Environment, Economy and Gender: a Case Study in Socio-economic Status of Women in the Mining and Industrial Part of Bardhaman District, West Bengal</i> | Jayasree Roy | 26.11.2014 |
| 4 | <i>Changes in Riverine Morphology and Socio-Economic Environment of South Nadia District, West Bengal : A Geographical Analysis</i> | Mitrajit Chatterjee | 26.11.2014 |
| 5 | <i>Environmental Impact of Deterioration of Surface Drainage Systems and Wetlands in Hugli and Haora Districts, West Bengal</i> | Golam Mostafa | 24.09.2015 |
| 6 | <i>Quality of Life of Some Selected Communities of Asansol- Durgapur Planning Area, Barddhaman District, West Bengal</i> | Suma Dawn | 24.02.2016 |
| 7 | <i>Perspectives of Development Disparities in Bankura District, West Bengal</i> | Tanmoy Dhibor | 16.02.2018 |
| 8. | <i>Problems and Prospects of Potato Cultivation in Hugli District, West Bengal</i> | Naba Prasad Ghosh | 13.07.2018 |
| 9. | <i>Ecological Significance of Breaching of Embankments in Some Selected Areas of South 24 Parganas District, West Bengal</i> | Hirak Sarkar | 24.08.2018 |
| 10 | <i>Issues of Land, Water and Forest in Development Discourses of Tribal Communities in Selected Areas of South-western West Bengal</i> | Subhasis Bhattacharjee | 22.02.2021 |

| | | | |
|---|---|-----------------------------------|-------------|
| 11 | <i>Impact of Panchet Dam on Environment and People of its Surrounding Blocks</i> | Sumanta Bid | 22.02.2021 |
| 12 | <i>Apprehension of Climate Change and its Consequences on Human Society in Southern Part of the Indian Sundarbans</i> | Nabanita Mukherjee | 11.01. 2022 |
| 13 | <i>Homeless People and the Question of Social Justice in Kolkata Municipal Corporation Area</i> | Arindam Roy | 15.07.2024 |
| 14 | <i>Growth and Changes in Urban Ecological Set-up of Chandernagore and Hooghly-Chinsurah Urban Area</i> | Subhendu Ghosh | 13.08.2024 |
| ii) Ph.D. Thesis Submitted for Award of Degree: 03 | | | |
| 15 | <i>Dynamisms and Ecosystem Services of Selected Wetlands Clustered in the Lower Part of Bhagirathi-Jalangi Interfluve</i> | Mehedi Hasan Mandal | Submitted |
| 16 | <i>Human Health Status of Economically Weak and Socially Marginal Classes in Selected Districts of West Bengal</i> | Aritra Basak | Submitted |
| 17 | <i>Socio-Economic Transformation and Cultural Adaptation of Inter-State Migrants in Selected Urban Centers of Paschim Bardhaman District, West Bengal</i> | Mukesh Singh | Submitted |
| iii) Research works continuing for the award of Ph.D. Degree: 02 | | | |
| 18 | <i>Deprivation and Social Exclusion of the Tribal Labourers in Tea Gardens of Jalpaiguri and Alipurduar Districts, West Bengal</i> | Benojir Yasmin | 08.09.2021 |
| 19 | <i>Tribal Social Systems and Traditional Ecological Knowledge in Restoration of Forest Habitat and Regeneration of Indigenous Plant Species in Jhargram District, West Bengal</i> | Krishna Pada Sahoo (State Funded) | 08.09.2021 |

iii) M.Phil. Supervision: 09

| Sl. No. | Topic of Dissertation | Candidate | Date/Month of Award |
|---------|---|---------------------|---------------------|
| 1 | <i>Space and Crime in some Mining –Industrial Towns of Western Part of Barddhaman District, West Bengal</i> | Suma Dawn | 2009 |
| 2 | <i>Problem of Transport in Barddhaman Town</i> | Ushree Chatterjee | 2010 |
| 3 | <i>Women Development in Selected Wards of Bardhaman Town</i> | Sriparna Mondal | 2012 |
| 4 | <i>Environmental Impact of National Highway 2: A Study of its Section from Nababhat to Dankuni</i> | AritraBasak | 06.09.2017 |
| 5 | <i>Environmental Importance of Palaeochannel: A Study on Purbasthali Oxbow Lake, West Bengal</i> | Mehedi Hasan Mandal | 06.09.2017 |
| 6 | <i>Cultural and Occupational Changes of Immigrant Population in Asansol Municipal Corporation Area</i> | Mukesh Singh | 11.12.2019 |
| 7 | <i>Forest Policies and Questions of Forest-People Interdependence in Jhargram District, West Bengal</i> | Krishna Pada Sahoo | 25.01.2022 |
| 8 | <i>Problems and Prospects of Floriculture in Purba Medinipur: District: Some Aspects of Alternative Farming</i> | Sk Allarakha | 04.11.2022 |
| 9 | <i>Impact of River Bank Erosion on the Quality of Life of the Displaced People in Jangipur Sub-Division of Murshidabad District</i> | Md. Golam Habib | 27.05.2024 |

v) Ph.D. Thesis examined: 20

Research Publication

A) Research Article: 62

1. **Siddique, G.** (1987). **Environmental Perceptions in Rural Areas**, Geographical Review of India, The Geographical Society of India, Calcutta.49 (2):40 - 46.
2. **Siddique, G.** (1989). **Resource Appraisal: Forests of West Bengal**, Applied Geography, Prof. S. P. Chatterjee Commemorative Vol. NATMO Monograph-9: 117-118. NATMO, Ministry of Science and Technology, Govt. of India, Calcutta.

3. **Siddique, G.** (Winter 1994). **Role of Forest in Watershed Management- Experience from Purulia**, Journal of the Indian Geographical Foundation, Prof. S. C. Chakraborty Felicitation Volume, 1: 56-65. Indian Geographical Foundation, Calcutta.
4. **Siddique, G.** (Winter 1996). **Watershed Management in Lateritic Soil Region of West Bengal- Some Important Tasks**, Journal of The Indian Geographical Foundation, 3: 45-50, Indian Geographical Foundation, Calcutta.
5. **Siddique, G.** (Winter 1997). **Status of Forest in West Bengal**, Journal of the Indian Geographical Foundation, Indian Geographical Foundation, Calcutta.
6. **Siddique, G.** (2001). **Forest and Tribes of South-western West Bengal**, Geographical Review of India, 63 (2): 161-176. Geographical Society of India, Calcutta.
7. **Siddique, G.** (December 2007). **Solid Waste Disposals and Management in Barddhaman Town, West Bengal**, Geographical Review of India, 69 (4): 386-393, Geographical Society of India, Calcutta.
8. **Siddique, G.** (July 2008). **Surface Drainage Deterioration and Its Impacts on Society: a Case Study of Haora and Hugli District, West Bengal**, The Geographer, 55 (2): 51-61, Aligarh Muslim University Geographical Society, Aligarh.
9. **Siddique, G.** (December 2008). **Human Development in West Bengal: An Appraisal**, Geographical Review of India, 70 (4): 403-416, Geographical Society of India, Calcutta.
10. **Siddique, G.** (Summer 2009). **Impacts of Deterioration and Diversion of Stream Channels: Experiences from Hugli District**, Practising Geographers, 13: 39-55. The Indian Geographical Foundation, Calcutta.
11. **Siddique, G.** (Summer 2009). **Present Status of Water Bodies in and around Bishnupur Town, Issues of Water Conservation and Its Utilization**, Practising Geographer, 13: 59-76. The Indian Geographical Foundation, Calcutta.
12. **Siddique, G.** (June 2009). **Relative Concentration of Crime in Asansol Subdivision, Barddhaman, West Bengal**, Indian Journal of Landscape Systems and Ecological Studies, 32 (1): 197-206, Institute of Landscape, Ecology and Ekistics, Kolkata.

13. **Siddique, G.** (Winter 2009). **Levels of Rural Development in South East Barddhaman District, West Bengal: An Assessment**, Practising Geographers, 13: 132-148, The Indian Geographical Foundation, Kolkata.
14. **Siddique, G.** (Winter 2009). **Growth of Settlement and Landuse Changes in Some Selected Areas of Polba-Dadpur Blocks of Hugli Districts: Some Ecological and Socio Economic Issues**, Practising Geographer, 13: 171-182. The Indian Geographical Foundation, Kolkata.
15. **Siddique, G.** (Winter 2009). **Scarcity of Water Resources in Asansol Town of Barddhaman District, West Bengal**, Practising Geographer, 13: 185-201, The Indian Geographical Foundation, Kolkata.
16. **Siddique, G.** (December 2009). **The Socio Economic Impact of Coal Mining on the Eastern Coalfields, West Bengal**, Indian Journal of Regional Science, 41 (2):103-110, Regional Science Association of India, Kolkata.
17. **Siddique, G.** (December 2009). **The Saga of Development in South-western West Bengal, Some Possibilities Explored**, Indian Journal of Landscape Systems and Ecological Studies, 32 (2), Institute of Landscape, Ecology and Ekistics, Kolkata.
18. **Siddique, G.** (July, 2010) **Degradation of Wetland Resources in North-East Part of Burdwan District: a Geographical Analysis**, The Geographer, 57 (2): 1-16, AMU Geographical Society, Aligarh
19. **Siddique, G.** (2012) **Glocalisation and Marginal communities of South-western West Bengal: Issues and Challenges**, Indian Journal of Regional Science, 44(1): 43-53, Regional Science Association of India, Kolkata
20. **Bhattacharya, S. & Siddique, G.** (June, 2016) **Significance of Forests in the Tribal Habitation of Jangalmahal Area in West Bengal**, International Journal of Research on Social and Natural Science, 1(1), Katwa College, Barddhaman. ISSN-2455-5916.
21. **Sarkar, H., Roy, A. & Siddique, G.** (October, 2016). **Impact of Embankment Breaching on Rural livelihood: A Case of Ghoramara Island of the Sundarbans Delta in South 24 Parganas District, West Bengal**, The Journal of Bengal Geographer, V(IV): ISSN 2319-619X

22. Ghosh, N. P. & **Siddique, G.** (December, 2016) **Some Aspects of Spatial Patterns of Agricultural Development: A Case of Hooghly District, West Bengal**, Indian Journal of Landscape System and Ecological Studies, 39(2): 89-96. (ISSN-09714170)
23. **Siddique, G.** & Bid, S. (January, 2017) **Ecological Impact of the Panchet Dam: A Review**, VIII [1(1)] Researchers world – Journal of Arts, Science & Commerce, Maharashtra, India, ISSN-2231-4172.
24. Dhibor, T. & **Siddique, G.** (May, 2017) **Perspective of Development Disparities in Bankura District, West Bengal**, International Journal of Advance Research, Ideas and Innovations in Technology 3(3): ISSN 2454-132X.
25. Ghosh, N. P. & **Siddique, G.** (April, 2017) **Regional Disparity in Agricultural Productivity of Hugli District, West Bengal**, Journal of Interacademia, 21(2): ISSN 0971-9016
26. **Siddique, G.**, & Mukherjee, N. (Nov, 2017). **Transformation of Agricultural Land for Urbanisation, Infrastructural Development and Question of Future Food Security: Cases from Parts of Hugli District, West Bengal.** *Space and Culture, India*, 5(2): 47-68. doi:10.20896/saci.v5i2.269
27. Mukherjee, N. & **Siddique, G.** (Feb, 2018). **Climate change and vulnerability assessment in Mousuni Island: South 24 Parganas District.** Spatial Information Research. Springer (Singapore), Pp- 1-12 <https://doi.org/10.1007/s41324-018-0168-0>
28. Roy, A. & **Siddique, G.** (Jan, 2018). **Pavement Dwellers of Kolkata: A Geographical Appraisal**, Researchers world – Journal of Arts, Science & Commerce, IX (1). DOI: 10.18843/rwjasc/v9i1/05
29. Ghosh, S. & **Siddique, G.** (April, 2018). **Change Detection of Build-up Areas Applying Build-Up Index for Chandannagar City**, International Journal of Technological Research and Management, 5(4).
30. Mandal, M. H. & **Siddique, G.** (April, 2018). **Water Birds at Purbasthali Oxbow Lake: A Geographical Study**, Researchers world – Journal of Arts, Science & Commerce (ISSN: 2231-4172), IX (Special Issue).

31. **Siddique, G.&Basak, A.** (Aug, 2018).**Importance- Performance Analysis (IPA) of Service Quality in Public Transport of Asansol-Durgapur Development Authority.** International Journal of Computational Engineering Research, (ISSN 2250-3005) 08, (08): 07-16.
32. Mandal, M. H., **Siddique, G. & Roy, A.** (Aug., 2018). **Threats and Opportunities of Ecosystem Services: A Geographical Study of Purbasthali Oxbow Lake,** Journal of Geography, Environment and Earth Science International (ISSN 2454-7352), 16(4): 01-24.
33. Bid, S., **Siddique, G. & Ghosh, S.** (December, 2018), **Dam: Historical Perspectives and an Overview of India,** International Journal of Scientific Research and Review (ISSN. 2279543X), 7 (8): 387-398.
34. Basak, A. &**Siddique, G.** (October, 2018) **Economic Impact of National Highway 2: A Study of its Section from Nababhat to Dankuni,** International Journal of Scientific Research and Review (ISSN. 2279543X), 7(8): 329-344, DOI: 16.10089.IJSRR.2018.V7108.287391.2592
35. Roy, A. & **Siddique, G.** (Nov, 2018). **Homeless People in West Bengal: A District-Level Study,** Space and Culture, India, 6(3): 110-133. DOI: 10.20896/saci.v6i3.312
36. Ghosh, S. & **Siddique, G.** (December, 2018). **A Dependent City in Independent India in Hugli District: Its Evolution, Expansion and Related Issues,** Online International Interdisciplinary Research Journal (ISSN: 2249-9598),08(04): 387-398.
37. Bhattacharjee, S., **Siddique, G. & Roy, A.** (December, 2018). **Economic Importance of Stone Quarrying in Rural Livelihood and its Impact on Environment: A Case Study of Saltora Block, Bankura, West Bengal.** International Journal of Scientific Research and Reviews (ISSN: 2279-0543), 7(3): 1045-1062.
38. Roy, A.,**Siddique, G.,& Mandal, M. H.,** (April, 2019). **A Study on the Productivity of Potato in Hugli District, West Bengal,** Journal of Geography, Environment and Earth Science International (ISSN 2454-7352), 20 (4): 01-14.
39. Bid, S. & **Siddique, G.** (May, 2019). **Identification of Seasonal Variation of Water Turbidity using NDTI Method in Panchet Hill Dam, India.** Modeling Earth Systems and Environment, DOI: <https://doi.org/10.1007/s40808-019-00609-8>

40. Mukherjee. N., **Siddique, G.**, Basak, A., Roy, A. & Mandal, M. H. (May, 2019) **Climate Change and Livelihood Vulnerability of the Local Population on Sagar Island, India.** Chinese Geographical Science, 29(3): 413-436. DOI: <https://doi.org/10.1007/s11769-019-1042-2>
41. Singh, M. & **Siddique, G.** (June, 2019). **Immigrant Communities in Asansol Municipal Corporation Area: Perspectives of Acculturation and Deculturation.** International journal of research and Analytical Reviews. 6 (2): 339-353, ISSN-2348-1269 DOI: <http://doi.one/10.1729/Journal.21343>
42. Bid, S. & **Siddique, G.** (June, 2019). **Human risk assessment of Panchet Dam in India using TOPSIS and WASPAS Multi-Criteria Decision-Making (MCDM) methods,** Heliyon 5 (6). DOI: <https://doi.org/10.1016/j.heliyon.2019.e01956>
43. Mukherjee. N., & **Siddique, G.**, (July, 2019). **Assessment of Climatic Variability Risks with Application of Livelihood Vulnerability Indices.** Environment, Development and Sustainability <https://doi.org/10.1007/s10668-019-00415-3>
44. Basak, A. & **Siddique, G.** (January, 2020). **An Analysis of Health Care Facility Systems in Purbaand PaschimBardhaman Districts, West Bengal, India.** Journal of Global Resources [ISSN: 2455-2445] Vol. 6 (01): 170-178.
45. **Siddique, G.**, Ghosh, S., & Roy, A. (2020). **Assessment of Urban Expansion and Associated Spatial Transformation of Chandannagar City, West Bengal.** Space and Culture, India. 7(4): 109-121. DOI: [10.20896/saci.v7i4.533](https://doi.org/10.20896/saci.v7i4.533)
46. Bid, S. & **Siddique, G.** (2020) **Water-level fluctuation (WLF) of Panchet dam in India and assessment of its human risk using AHP method.** GeoJournal, DOI: [10.1007/s10708-020-10266-5](https://doi.org/10.1007/s10708-020-10266-5)
47. Mandal, M.H., Dey, A.K., Roy, A., & **Siddique, S.** (2020). **Ecosystem Services of Chariganga and ArparaBeel in Nadia District, West Bengal: A Geographical Enquiry.** Space and Culture India 8(2):155-167. DOI: [10.20896/saci.v8i2.742](https://doi.org/10.20896/saci.v8i2.742)
48. **Siddique, G.**, Roy, A., Mandal, M.H., Ghosh, S., Basak, A., Singh, M., and Mukherjee, N. (2020) **An assessment on the changing status of urban green space in Asansol city, West Bengal.** GeoJournal, DOI: [10.1007/s10708-020-10312-2](https://doi.org/10.1007/s10708-020-10312-2)

49. Mandal, M.H., Roy, A., & Siddique, S. (2020). **Spatial dynamics in people-wetland association: an assessment of rural dependency on ecosystem services extended by Purbasthali Wetland, West Bengal.** *Environment Development and Sustainability*. DOI: [10.1007/s10668-020-01089-y](https://doi.org/10.1007/s10668-020-01089-y)
50. Roy, A., Mandal, M.H., & Siddique, S. (September, 2020). **Effect of Location in Shaping Societal Perception: A Geographical Inquiry on the Differential Perspectives of Beneficiaries Living around Purbasthali Beel.** *Geographical Review of India*, 82(3): 203-217.
51. Singh, M. & Siddique, G. (2020). **Cultural Integration of Inter-State Migrants in Asansol, West Bengal.** *Space and Culture India* 8(3):86-99. DOI: [10.20896/saci.vi0.1073](https://doi.org/10.20896/saci.vi0.1073)
52. Ghosh, S., Roy, A., Siddique, G., & Dhibor, T. (December, 2020). **Spatial Disparity in Urban Facilities and Services: A Micro Level Analysis of Chandannagar City, West Bengal.** *Hill Geographer* 36(2): 29-40.
53. Ghosh, S., Roy, A., & Siddique, G. (January, 2021). **Water quality assessment of the urban ponds in Chandannagar city, Hugli.** *Transactions of the Institute of Indian Geographers* 43(1):69-79.
54. Singh, M. & Siddique, G. (August, 2021). **Determinants of Local Language Acquisition by the Inter-state Migrants in Asansol, West Bengal, India.** *Human Arenas*. <https://doi.org/10.1007/s42087-021-00245-8>
55. Mandal, M.H., Roy, A., & Siddique, G. (November, 2021). **A geographical assessment of Chariganga and Arpara Beel (wetlands) of Nadia, West Bengal as a habitat of wetland birds.** *Journal of Threatened Taxa* 13(13):19964–19975. DOI: [10.11609/jott.6257.13.13.19964-19975](https://doi.org/10.11609/jott.6257.13.13.19964-19975)
56. Mandal, M.H., Roy, A., Ghosh, S., Basak, A. & Siddique, G. (December, 2021). **Assemblage of wetland bird Species in Purbasthali Oxbow Lake, West Bengal, India: Implications for Management.** *Ornis Hungarica* 29(2):25-45. DOI: [10.2478/orhu-2021-0017](https://doi.org/10.2478/orhu-2021-0017)
57. Sahoo. K.P., Roy, A., Mandal, M.H., Yasmin, B., Bhattacharjee, S., & Siddique, G. (July, 2022). **Appraisal of coexistence and interdependence of forest and tribes in**

Jhargram District of West Bengal, India using SWOT-AHP analysis, *GeoJournal*, DOI: [10.1007/s10708-022-10696-3](https://doi.org/10.1007/s10708-022-10696-3)

58. Mandal, M. H., Yasmin, B., Roy, A., Ghosh, S. & Siddique. G. (September, 2022). **Investigating Present Status of Floodplain Wetlands as Habitat of Water Birds and its Determinants: An Experience from Lower Part of Deltaic West Bengal, India.** *Wetlands*, 42:70. <https://doi.org/10.1007/s13157-022-01591-1>
59. Yasmin, B., Roy, A., Mandal, M. H., & Siddique. G. (March, 2023). **Recent Challenges and Future Sustainability of Potato Cultivation in Hugli District, West Bengal A Geographical Appraisal using SWOT-AHP Analysis.** *Potato Journal* 42(2): 188-200.
60. Roy, A., Mandal, M. H., Sahoo K. P. & Siddique. G. (April, 2023). **Investigating the Relationship between Begging and Homelessness: Experiences from the Street Beggars of Kolkata, West Bengal, India.** *Human Arenas*. <https://doi.org/10.1007/s42087-023-00330-0>
61. Yasmin, B., Roy, A., Mandal, M. H., Siddique. G. & Ghosh, S. (March, 2023). **Challenges and Prospects of Apple Cultivation in Himachal Pradesh.** *Space and Culture, India* 10 (4): 52-67. <https://doi.org/10.20896/saci.v10i4.1252>
62. Allarakha, Sk., Ghosh, S., Sahoo. K.P., & Siddique. G. (September, 2023). **Prospects of Floriculture Development in Purba Medinipur District, West Bengal: A Model Based Planning Strategy using SWOT-QSPM Analysis.** *International Journal of Humanities and Social Science Invention (IJHSSI)* 12 (9): 09-18. DOI: 10.35629/7722-12090918
63. Yasmin, B., & Siddique, G., (2023). The British Indenture System for Tea Gardens in North Eastern India and Making of the Plantation Coolies. *Hill Geographer* 85 (3): 223-240.
64. S. Sahoo, Ghosh, S., Allarakha, Sk., & Siddique. G. (2023). Socio-ecological impact of forest legislations on forest and forest-people of Jhargram District, West Bengal. *Land Use Policy* 135 (2023) 106940. <https://doi.org/10.1016/j.landusepol.2023.106940>
65. Yasmin, B., & Siddique, G. (2024). Plateaus to Foothills: The Historical Migration of Tea Garden Labourers from Chotanagpur to North-Eastern Tea Plantation Zones of India during the British Period. *Journal of Migration History*, 10(1), 42-62.

66. Sahoo, K. P., Siddique, G., Roy, A., Ghosh, S., & Mandal, M. H. (2024). Ethnomedicinal knowledge and utilization of the medicinal plant resources by the tribal people of the Jhargram District, West Bengal, India. *Plant Biosystems-An International Journal Dealing with all Aspects of Plant Biology*, 1-20. <https://doi.org/10.1080/11263504.2024.2351886>

B) Book Chapters: 10

1. Siddique, G. (1992). **Perspectives of Environmentalism in Geography**, In S. Bhaduri (Ed.), *Emerging Issues in Geography*, P 50-55, Calcutta University
2. Siddique, G. (1992). **Deforestation and Detribalisation in Puruliya- An Ecological Viewpoint**, Behavioural Dimensions of Tribal Landscapes, In G. P. Gupta (Ed.) *Studies in Tribal Development*, 4: 113-137. Arihant Publishers, Joypur, Rajasthan.
3. Firdous, N. & **Siddique, G.** (2014) **Effects of Arsenic Contamination on Local People in Purbasthali Blocks (Kalna Subdivision), District Bardhaman (West Bengal)**, Population, Resource and Development, F.A.Siddiqui (Ed.) pp- 281-294, 2014, Genuine Publication and Media Pvt. Ltd., New Delhi, ISBN – 978-93-89965-48-3.
4. Mukherjee, N. & **Siddique, G.** (August, 2017) **Impact of Urbanisation on Agriculture: A Case Study of some Selected Blocks of Hugli District**, Landuse Planning and Management, Volume – II, Sandhya Prakashani, Kolkata, ISBN-978-81-928047-6-7.
5. Dhibor, T. & **Siddique, G.** (2017). **Development and Disparity: A Case Study from Bankura District, West Bengal**, In. Ramsundar Bairagya and Kunal Chakrabarty (Eds.) **Issues and Challenges of Poverty, Development and Rural Livelihoods in India.** (251-261), Kolkata: Ashadeep.
6. Mukherjee, N. & **Siddique, G.**, (2019). **Gender Vulnerability of Climate Change: Experiences of the women in the Sundarbans.** In P. K. Chattopadhyay and D. Kushwaha (Eds.) **Gender and Development: Aspects of Social and Economic Change** (ISBN: 978-93-88879-54-5) New Delhi, India, New Delhi Publishers.
7. Mukherjee, N. & **Siddique, G.**, (2020). **Ecological and Socio-Economic Vulnerability to Climate Change in Some Selected Mouzas of Gosaba Block, the Sundarbans.** In Singh R., Wei D., Anand S. (Eds) (Eds.) **Global Geographical Heritage, Geoparks**

and GeotourismAdvances in Geographical and Environmental Sciences. Springer, Singapore. https://doi.org/10.1007/978-981-15-4956-4_7

8. Roy, A., Mandal, M.H., Ghosh, S., Singh, M., & **Siddique, G.** (June, 2020). **Recent Trends of Urban Expansion and Consequent Land Transformations: An Appraisal of Asansol City, West Bengal.** InV. N. Mishra, P. K. Rai and P. Singh (Eds.) *Geo-Information Technology in Earth Resources Monitoring and Management*,pp. 17-46. ISBN: 978-1-53619-796-9, NOVA Publishing House.
9. Siddique, G. (July, 2021). **Ecology and World View: A Discourse on some Tribal Groups of India.** InN. Chakma, N. C. Jana, G. Siddique, S. K. Guchhait, G. Samantaand B. Mistry (Eds.) *Resonance of Environment, Society and Space: Global Perception through Regional Perspective*, pp. 111-132. ISBN: 978-93-88445-78-8, La Strada, Kolkata.
10. Siddique, G., Siddique, Z. F., & Kahlon, L. (2022). **Significance of Social Systems in Forest and Biodiversity Conservation: Experiences from Jangal Mahals of West Bengal, India.** In Sahana M., Areendran, G. and Raj, k. (Eds.) *Conservation, Management and Monitoring of Forest Resources in India*, Springer Nature Switzerland. https://doi.org/10.1007/978-3-030-98233-1_5

C) Seminar Proceedings: 1

1. Siddique, G. (2004). **Integration of Old and New Techniques of Water Utilization and Conservation in South Western West Bengal: Some Issues and Suggestion**, P. Nag (Ed.)*Geography and Applied Geography*, Pp: 313-325, NATMO, Ministry of Science and Technology, Govt. of India, Kolkata.

D) Books/Monographs/Reference books/Textbooks: 09

E) News Paper Articles: 01

1. **Giyasuddin Siddique & AritraBasak.** “*JolashoyerSwasthya: Chinta-Bhavna Shuru Howa Dorkar*”- (In Bengali)*AnandabazarPatrika*. 06.02.2019

Seminars/Conferences/Workshops

- A. Number of papers presented in conferences/seminars (by self or co-authors):68**
- B. Number of invited lectures (including Refresher Courses)/Training Courses/Orientation Programme: 10**
- C. List of Seminars/Conferences/Workshops attended (2007 onwards):**
1. National Seminar-Cum Workshop on **Contemporary Issues in Geography**, Department of Geography, University of Calcutta, in Collaboration with the Geographical Society of India, National Atlas and Thematic Mapping Organization and Institute of Landscape, Ecology and Ekistics, Kolkata, September 30, 2007
 2. Delivered 2 lectures on the topics entitled “**Nature, Population Equilibrium and Limits to Growth: Issues related to the Concept of Spaceship Earth**” and “**Forest-People Interface: Experiences from South- western West Bengal**” as Resource Person in 14th Refresher Course in Geography, UGC Academic Staff college, Calcutta University and Department of Geography in December 2008
 3. Presented Paper and Chaired a Session in International Conference on Resource Development and Environmental Change: Emerging Issues and Challenges, Aligarh Muslim University, Aligarh, January 27-29, 2009.
 4. Presented Paper in Seminar on Contemporary Issues in Geography, Indian Geographical Foundation, February, 27-28, Kolkata, 2009.
 5. Delivered a lecture on “**From Environmentalism to Political Ecology: Explaining Social Issues**” as Resource Person in 11th Refresher Course in Environmental Studies, UGC Academic Staff College, Burdwan University in March 2009
 6. Presented Paper in National Seminar on Ganga Delta: Planning Perspectives, Department of Geography, University of Calcutta, Kolkata, March 06-07, 2009.
 7. Presented Paper in the UGC Sponsored National Seminar on Regional Environmental Problems and Societal Development, Department of Geography and Environment Management, Vidyasagar University, Midnapore, February 24-25, 2010.
 8. Presented Paper in 41st Annual Regional Science Conference, Government College, Bomdila, Arunachal Pradesh, March 3-5, 2010.
 9. Presented Paper in National Seminar on **Ganga Delta: Planning Perspectives**, Department of Geography, University of Calcutta, Kolkata, March 12 – 13, 2010.

10. Presented Paper in National Seminar on Emerging Issues in Geography, Department of Geography, Visva-Bharati, Bolpur, March 20-21, 2010.
11. Delivered two lectures entitled “**Perspectives of Environmentalisms in Geography**” and “**Environmental Thoughts and Environmental Movements**” as Resource Person in 15th Refresher Course in Geography, UGC Academic Staff College, Department of Geography, Calcutta University, Kolkata in November 2010
12. Presented Paper in National Seminar on Natural Resource Management, March 10-11, 2011, Department of Geography, The University of Calcutta, Kolkata.
13. Presented Paper in the 43rd Annual Regional Science Conference, MD College, Vadodara, Gujarat, November 24-26, 2011.
14. Chaired a Session in 33rd Indian Geography Congress (NAGI 2011), focal Theme ‘**Resources and Development**’, November 12-14, 2011, Department of Geography, The University of Burdwan, Bardhaman
15. Presented Paper and Co-Chaired a Session in International Conference on Dimensions of Development and Resource Conservation, Department of Geography, University of Calcutta, Kolkata, March 10-12, 2012, Kolkata.
16. Presented Paper and chaired two Sessions in International Conference on Population Dynamism and Sustainable Resource Development, Aligarh Muslim University, Aligarh, March 25-27, 2012
17. Chaired a Session in the 34th Indian Geography Congress (NAGI 2012), focal Theme ‘**Hazards, Vulnerability and Sustainable Development**’ November 12-14, 2011, Department of Geography, Patna University, Patna, Bihar.
18. Convenor, National Seminar on ‘**Sustainable Development of Resources in Backward Areas: Issues and Challenges**’ under DRS Programme, March 25-26, 2013, DDE Auditorium, Burdwan University, Bardhaman, West Bengal.
19. President, Organising Committee, Chairperson of two Sessions in 35th Indian Institute of Geographers (IIG, 2013), focal Theme ‘**Environment, Development and Equity**’ November 12-14, 2013, Department of Geography, Burdwan University, Burdwan, West Bengal.
20. Delivered two lectures on “**Hazards and Development**” and “**Development and Social Hazards**” as Resource Person in 16th Refresher Course in Geography, UGC Academic Staff College, Department of Geography, Calcutta University, Kolkata in January 2014
21. Chaired a Session in the National Seminar on ‘**Dimensions of Urbanisation, Environmental Change and Sustainable Development in Developing Countries**’ held

in February, 17-18, 2014, Organised by the Dept. of Geography, Dr. Bhupendranath Dutta Smriti Mhavidyalaya, Hatgobindapur, Barddhaman, in collaboration with Department of Geography, Chandrapur College, Barddhaman, West Bengal

22. Presented Paper in the National Seminar on '**Development and Environmental Transformation**', under DRS Programme, Calcutta University, 28-29 March 2014, Kolkata.
23. Delivered Invited Lecture and Chaired two sessions in the International Seminar on "**Anthropogenic Footprints in River Basin: Evidences from Lower Damodar Plain**", University of Gour Banga, 2015
24. Delivered Invited Lecture in the National Seminar on "**Changing Physico-Cultural Landscape: Threats and Opportunities**", Organised by UGC DRS Phase II (SAP I) Programme, Department of Geography, University of Calcutta, 29th -30th March, 2017
25. Delivered Invited Lecture and Chaired two sessions in the International Seminar Visva-Bharati University, 7-9th November, 2016
26. Delivered Invited Lecture and Chaired two sessions in the National Seminar on "**Theory and Practice in Applied Geography: The Context of Jangalmahal Region of West Bengal**", Department of Geography, Vidyasagar University
27. Delivered Invited Lecture in the National Seminar on "**Problems and Sustainability of Surface and Ground Water Resources in Deltaic West Bengal**", Chandrapura College, Affiliated to The University of Burdwan, 17-18th March, 2017
28. Delivered lecture on "**Post-1960 Development in Geography: Environmentalism Revisited**", as Resource Person in Refresher Course UGC Academic Staff College, The University of Burdwan, 2017
29. Convenor of the International Seminar on "**Environment and Society: Historical Perspectives and Contextual Reality**", 28th March, 2017, Department of Geography, The University of Burdwan
30. Delivered Invited Lecture on "**Urbanization and Water Demand in Parts of West Bengal: Issues of Social and Environmental Justice**" and Chaired three Session in the 4th International Seminar on Population, Urbanization and Environment: Contemporary Issues and Challenges" Gour Banga University, 21-22 March, 2018
31. Delivered Invited Lecture on "**Engaging Climate Science: Climate Change and Water Crisis**" in the National Seminar on "**Recent Trends in Sciences**" Burdwan Raj College, 16 November, 2018

32. Chaired a Session and also delivered two lectures on “**Risk Assessment of Climatic Variability using Livelihood Vulnerability Indices: Realities from Sagar Island**” and “**Climatic Variability in Formation and Spatial Changes of Purbasthali Lake**” in the 7th Annual ANGIS International conference, 2018 on “GIS- Connecting Geography, History and Economics. Looking beyond where” in Dept. Of Geography, The University of Burdwan, 29 November to 1 December, 2018 (Co-presenter: Nabanita Mukherjee and Mehedi Hasan Mandal)
33. Delivered Invited Lecture on “**Climate Change and Biodiversity: A Journey through the Ages**” in the 115th Orientation Programme, UGC-Human Resource Development Centre, The University of Burdwan, 20th August, 2019
34. Chaired a Session in 2nd International Conference on Frontiers in Biological, Environmental and Medical Sciences, The University of Burdwan, March 07-09, 2019
35. Participated as **Reviewer** in Earth Science Category in **4th Regional Science and Technological Congress (Western Region), 2019**, held on 09-10th December, 2019, The University of Burdwan
36. Invited lecture at 115th Orientation Programme under UGC-HRDC, BU, 20.08.2019 on “*Climate Change and Biodiversity*”
37. Chaired a Session in XIV International Geographical Union Conference on “**Agriculture, Food, Water, Bio-diversity and Health in Changing Climate**”, The University of Burdwan, March 06-08, 2020.
38. Invited lecture on “*Geography in the Present Situation: Significance and Relevance*” in two days Online International Conference on ‘*Geography as a discipline: Opportunities and challenges*’ organized by Department of Geography, Dewan Abdul Gani College, Dakshin Dinajpur on 25.08.2020- 26.08.2020.
39. Invited lecture on “*Comprehending Biogeography and Biodiversity: Methods of Field Survey and Data Representation*” in one day State-Level Webinar on ‘*Techniques in field Investigation and Primary Data Analysis in Geography*’ organized by Department of Geography, Gour Mohan Sachin Mandal Mahavidyalaya, South 24 Parganas on 16.09.2020.
40. Invited lecture on “*Climate Change: Variable Impact and Resilient Adaptation Strategies*” in one day national webinar on ‘*Climate Change: Challenges and Prospects*’ organized by Department of Geography, Dukhulal Nibaran Chandra College, Murshidabad on 18.09.2020.

41. Chaired a session in **5th Regional Science and Technological Congress (Region No 7), 2022-2023**, on 06-07th January, 2023, The University of Burdwan

Participation in Courses and Curricular Development

1. Served as member of the UG Board of Studies in Geography, Burdwan University, for more than three times and took part in framing new syllabus of both Honours and General Courses.
2. As a Member of the PGBoS in Geography, Burdwan University, played important role in framing new syllabus which is now being followed (2013).
3. Member of the UGBoS, Geography, of Kalyani University, Kalyani and Netaji Subhas Open University, Kolkata and actively participated in framing and revision of the Syllabi of UG Hons. and General Courses (2006-2014).
4. Member of the PGBoS in Geography, Rabindra Bharati University, Kolkata and played important role in framing new syllabi of PG Courses in Geography which is now being followed (2010-2011).
5. External Member of the Board of Studies in Geography, Aliah University, Kolkata and actively participated in framing both the Integrated and PG syllabi.
6. Chairman, UGBoS, Geography, 2015-2017, Developed UG Hons and General Courses Syllabus under CBCS, Convenor, UG Workshop, June, 2017
7. President, The 7th Annual ANGIS International Conference, 2018, Department of Geography, The University of Burdwan, November-December, 2018

Involvement with Academic Bodies:

| Academic Body | Institution | Position/Nature of Assignment | Period/Years |
|--------------------------------|------------------------|-------------------------------|-------------------|
| PG Board of Studies | Burdwan University | Ex-officio Member | 1999 to till date |
| Faculty Council (Science) B.U. | | | 2010 to till date |
| Board of Research Studies | | | 2006 to till date |
| UG Board of Studies | University of Calcutta | External Member | 2007 to till date |

| | | | |
|---------------------------|------------------------------------|-----------------|-------------------|
| UG Board of Studies | Kalyani University | External Member | 2006 to 2016 |
| Board of Research Studies | | | 2017 to till date |
| PG Board of Studies | Rabindra Bharati University | External Member | 2010 - 2011 |
| UG Board of Studies | Vidyasagar University | External Member | 2006-2010 |
| PG Board of Studies | | | 2011 to till date |
| PG Board of Studies | Aliah University | External Member | 2010-2011 |
| UG Board of Studies | Netaji Subhas Open University | External Member | 2006 - 2010 |
| PG Board of Studies | | | 2011 to 2013 |
| Board of Studies | Visva Bharati | External Member | 2017-2018 |
| Board of Studies | Presidency University | External Member | 2017 to till date |
| UG Board of Studies | Tripura University | External Member | Since 2022 |
| PG Board of Studies | Diamond Harbour Women's University | External Member | Since 2022 |

Memberships

| Journal Name | Organization | Period |
|------------------------------------|-------------------------------------|--------------------------|
| Practising Geographer | Indian Geographical Foundation | Life Fellow (Since 1996) |
| Geographical Review of India | The Geographical Society of India | Life Fellow (Since 2007) |
| Indian Journal of Regional Science | Regional Science Association, India | Life Fellow (Since 2009) |

Dr. Giyasuddin Siddique

Date: 28.08.2024

Place: Bardhaman