

CV: NAMITA CHAKMA



PROFESSOR NAMITA CHAKMA

namitachakma@gmail.com

nchakma@geo.buruniv.ac.in

+91 9475245227

Department of Geography
The University of Burdwan
Golabag, Purba Bardhaman 713104
West Bengal, India

Home: Rasulpur
Purba Bardhaman 713151
West Bengal, India

SPECIALISATION

- Regional Planning and Development Studies ● Climate Change Impact Studies

EDUCATION

- PhD** University of Calcutta, Department of Geography
Thesis: “Inhabited Islands of the Hugli Estuary, West Bengal:
Evolution, Peopling and Environment Management”
- M.A.** The University of Burdwan, Department of Geography
First Class
- B.A.** The University of Burdwan, M.U.C. Women’s College
First Class Honours in Geography

PRESENT & FORMER POSITIONS

- 2020-Now** Professor of Geography, The University of Burdwan
- [2019-2021]** *HoD Geography, The University of Burdwan*
- 2017-2020** Associate Professor of Geography, The University of Burdwan
- 2008-2017** Assistant Professor of Geography, The University of Burdwan
- 2006-2008** Lecturer of Geography, University of North Bengal
- 2002-2006** Lecturer of Geography, West Bengal Education Service, GoWB
Chandernagore College

CV: NAMITA CHAKMA

TEACHING-RELATED EXPERIENCE

Teach Regional Planning & Development, Cultural and Settlement Geography, Economic Geography, Political Geography, Research Methodology—19 years in postgraduate level (including 4 ½ years in undergraduate level).

ADMINISTRATIVE EXPERIENCE

- Work as In Charge, Department of Geospatial Science, The University of Burdwan since January 2021
- Worked as the Head of the Department of Geography, The University of Burdwan (August 2019-August 2021)

RESEARCH-RELATED EXPERIENCE

More than 18 years field based research experience in different parts of West Bengal and Sikkim.

Sponsored Research Projects

PROJECT	DURATION	AMOUNT SANCTIONED	FUNDING AGENCY
Responses of Indigenous Communities to the Changing Climate and its Impact on their Life and Livelihoods in Rural West Sikkim	January 2018- January 2020 (2 years)	₹ 9,50,000	Indian Council of Social Science Research (ICSSR), New Delhi, MHRD, Government of India

PhD Research Supervision (Awarded: 03; Working: 01)

THESIS	RESEARCHER	AWARD
Geo-Environmental Study of Groundwater Recourses and Agricultural Status in Selected Areas of Bardhaman District, West Bengal	Biswajit Ghosh	October 2019
Socio Economic Dynamics and Development of Rural Areas of Gyalshing Sub-Division, West Sikkim	Sushmita Chakraborty	November 2020
Changing Forested Landscape and Climate in Bengal Duars and its Impact on Life and Livelihood	Koyel Sam	January 2021
Changing Climate Conditions and Adaptive Strategies in Agriculture of West District, Sikkim	Soham Biswas	Working since July 2017

CV: NAMITA CHAKMA

MPHil Research Supervision (Awarded: 05; Working: 01)

DISSERTATION	RESEARCHER	AWARD
Quality of Life (QOL) of Women Workers in Informal Sector: Working Environment, Livelihood and Family Relations in Slums of Burdwan Municipality	Ahana Banerjee	2008
Urban Growth and Its Impact on Urban Morphology: A Study of Asansol City	Tanushree Paul	2009
Development of Tourism in Western Bankura, WB	Moumita Nandi	2010
Morphometry and Fluvial Hydraulics of the River Khari and its Impact on Agrarian Economy of the Selected Rural Areas of Bardhaman District, WB	Supriyo Ghosh	2017
Perspectives on Reorganisation of the Districts of West Bengal and Development	Sk Ismaile	2020
Water Accessibility and its Impact on Rural Life and Livelihoods: Perspectives from Baghmundi Block in Purulia District, West Bengal	Soumitra Saha	Working since 2019

PUBLICATIONS

Author in Books

- 2021:** Sam, K. and Chakma, N. 2021. **Climate change in the forest of Bengal Duars- Response of Life and Livelihoods.** Springer Briefs in Environmental Science. June 2021. ISBN 978-3-030-73865-5. ISBN 978-3-030-73866-2 (eBook). <https://doi.org/10.1007/978-3-030-73866-2>
- 2020:** Chakraborty, S. and Chakma, N. 2020. Natural Resource Management and Rural Development: A Participatory Rural Appraisal Based Study of West Sikkim. Rhito Prakashan, Kolkata; **August 2020**, ISBN : 978-93-88445-74-0

Chapter in Books

- 2020:** Sam, K. and Chakma, N. 2020. Transformation of Forested Landscape in Bengal Duars: A Geospatial Approach. In P.K. Shit et al. (editors): *Spatial Modelling in Forest Management: Rural Livelihood and Sustainable Development*, Environmental Science and Engineering Series, **Springer**, pp. 553-566, ISBN: 978-3-030-56541-1; 978-3-030-56542-8 (ebook)
- 2018:** Chakma, N. and Chakraborty, S. 2018. Perspective on Sanskritisation of Sikkim. In Biswas, B (editor): *Discourses on Human-Nature Interactions in Eastern India*, **Rhito Prakashan**, pp 19-31, ISBN: 978-81-938090-9-2
- Sam, K. and Chakma, N. 2018. Discourse on Forested Landscape of Eastern India. In Biswas, B (editor): *Discourses on Human-Nature Interactions in Eastern India*, **Rhito Prakashan**, pp 47-57, ISBN: 978-81-938090-9-2

CV: NAMITA CHAKMA

2017: Sam, K. and Chakma, N. 2017. Spatio-temporal change detection of vegetation covers in forest areas of Alipurduar district, West Bengal using Normalised Difference Vegetation Index technique. In Mondal, D.K.(editor): *Remote Sensing and GIS in Environmental Management*, University of North Bengal, pp 1-9. ISBN 978-81-921692-8-6

Manna, P. and Chakma, N. 2017. Urban Governance and Challenges of Housing to the Urban Poor: A study on Asansol City. In Mondal, D.K.(editor): *Remote Sensing and GIS in Environmental Management*, University of North Bengal, ISBN 978-81-921692-8-6.

Manna, P. and Chakma, N. 2017. Low-Cost Housing for the Urban Poor and Its Functionability Analysis of Asansol City”, 338-346pp., In Sen, M (editor): *Food Security & Urbanisation Equilibrium: A Sustainable Man-System Approach*, Published by Ashadeep, Kolkata; August, 2017, ISBN: 978-93-81245-88-0

2015: Chakraborty, S. and Chakma, N. 2015. Assessment of Regional Disparity of Sikkim in the course of Social Development, Mandal, D.K. (ed), *Application of Geospatial Technology for Sustainable Development*, University Press, University of North Bengal, 2015; 257-265pp., ISBN: 978-81-9216927-9

Koner, K. and Chakma, N. 2015. Marginality and Resilience Building: Observations from the Trail of the Singalila Range; Bose, S and Mondal, J (ed.), *Urbanisation, Environmental Change and Sustainable Development*, Damodar Group Publisher, Burdwan, West Bengal; 102-122pp., ISBN: 987-81-925800-8-1

2014: Ghosh, B. and Chakma, N. 2014. Assessment of Ecological Footprint of Agricultural Landuses of West Bengal, India; Dutta, S.K. and Sengupta, A (ed.), *Development, Environment and Sustainable Livelihood*, **Cambridge Scholars Publishing, UK**, Section A: Farm Sectors and Livelihood Issues, Chapter Two, 24-42pp., ISBN (10): 1-4438-6305-X, ISBN (13): 9781-4438-6305-6

2013: Nandi, M. and Chakma, N. 2013. Tourism and Development: A Study on Bankura Hills, West Bengal”. 585-605 pp, In Jana, N.C et al.(editor): *Resources and Development Progressive Publishers*, Kolkata, 2013, ISBN: 978-81-8064-252-4

Nandi, M. and Chakma, N. 2013. Tourism, Environmental Issues and its Management: A Study on Western Bankura, West Bengal. 36-42pp., In Saha, S. et al. (editor): *Changing Environmental Scenario of Indian Subcontinent: A Geographical Perspective*, Department of Geography, BRS College & West Bengal State University, ISBN- 978-81-921808-3-0

2012: Chakma, N. and Bandyopadhyay, S. 2012. Swimming Against the Tide: Survival in the Transient Islands of the Hugli Estuary, West Bengal in *West Bengal-Geo-Spatial Issues* (Edited by Jana, N.C et.al.), Department of Geography, **The University of Burdwan**, 1-19pp. ISBN: 978-93-80813-20-1

Research Articles

2021: Ismaile, Sk and Chakma, N. 2021. Impact of Changing Administrative Boundaries on development of Uttar and Dakshin Dinajpur Districts, West Bengal. *Space and Culture*,

CV: NAMITA CHAKMA

India; vol. 9(1); ACCB publishing, England, pp. 97-110.
[<https://doi.org/10.20896/saci.v9i1.11111>]

- 2020:** Chakraborty, S. and Chakma, N. 2020. Assessment of Development of Yuksom Gram Panchayat Unit in Sikkim using SWOT Model. *Space and Culture, India*; vol. 7(4); ACCB publishing, England, pp. 133-142. [DOI 10.20896/saci.v7i4.532]
- 2019:** Ghosh, B. and Chakma, N. 2019. Composite indicator of land, water and energy for measuring agricultural sustainability at micro level, Barddhaman District, West Bengal, India, *Ecological Indicators, Elsevier*, Vol. 102, 2019 (21-32). ISSN: 1470-160X, [DOI 10.1016/j.ecolind.2019.02.011]. IF: 4.8
- Sam, K. and Chakma, N. 2019. Variability and trend detection of temperature and rainfall: A case study of Bengal Duars. *Mausam*, IMD Journal, 70, 4 (October 2019), IMD, Govt. of India. Pp. 807-814; 551.524.3 : 577.3 (540.33). ISSN: 02529416. IF: 0.467
- Sam, K. and Chakma, N. 2019. An exposition into the changing climate of Bengal Duars through the analysis of more than 100 years' trend and climatic oscillations, *Journal of Earth System Science, Indian Academy of Sciences*, Co-Publisher: Springer, Vol. 128, Issue 3, April, 2019. ISSN: 0253-4126 (print), e-ISSN: 0973-774X (online), IF: 1.423.
- Chakraborty, S. and Chakma, N. 2019. Perspective on large cardamom cultivation and its challenges in West Sikkim. *Space and Culture, India*; vol. 7(4); ACCB publishing, England, pp. 189-197; [DOI 10.20896/saci.v6i5.356].
- 2018:** Ghosh, B. and Chakma, N. 2018. Application of the ecological footprint method for measuring sustainability of agricultural land use at a micro level in Barddhaman district, West Bengal, India, *Current Science, Indian Academy of Sciences*, Vol. 115, No. 10, 25th November, 2018, ISSN: 0011-3891; IF: 0.756.
- Sam, K. and Chakma, N. 2018. Vulnerability profiles of forested landscape to climate change in Bengal Duars region, India; *Environmental Earth Sciences*, 77:459; Springer-Verlag GmbH Germany, part of Springer Nature, June 2018; [DOI 10.1007/s12665-018-7649-2]; ISSN: 1866-6280 (Print) 1866-6299 (Online); IF: 1.765.
- 2017:** Biswas, S., Chakma, N. and Mollah, S., 2017. Emission of methane and nitrous oxides from agricultural soils and related global warming potentials of Murshidabad District, West Bengal, *Singapore Journal of Tropical Geography*, National University of Singapore and **John Wiley & Sons Australia**, Ltd, doi:10.1111/sjtg.12207 (September). ISSN: 01297619, E ISSN: 14679493. IF: 1.32.
- 2016:** Sam, K. and Chakma, N. 2016. An Inter-Block Level Analysis of Regional Disparity in the Youngest Alipurduar District of West Bengal. 3:3, 10-21pp. ACCB publishing, England, *Space and Culture, India* (Peer Reviewed); [DOI: 10.20896/saci.v%vi%i.159]. ISSN: 2052-8396

CV: NAMITA CHAKMA

Chakraborty, S. and Chakma, N. 2016. Economy and Social Development of Rural Sikkim, 4:2, Vol.4, No. 2, 61-79pp. ACCB publishing, England, *Space and Culture, India* (Peer Reviewed); ISSN: 2052-8396

Ghosh, B. and Chakma, N. 2016. Estimation of Natural Groundwater Recharge by using Soil Moisture Balance Approach in Different Geohydrological Settings of Barddhaman District, West Bengal. *Indian Cartographer*, Indian National Cartographic Association, Vol. 36, 2016, 326-340pp. ISSN: 09728392

2015: Ghosh, B. and Chakma, N. 2015. Impacts of Rice Intensification System on Two C.D Blocks of Barddhaman District, West Bengal, *Current Science, Indian Academy of Sciences*, Vol. 109, No. 2, 25th July, ISSN: 0011-3891; I F: 0.756

Ghosh, B. and Chakma, N. 2015. Assessment of Natural Groundwater Recharge in Selected Areas of Barddhaman District, West Bengal, India. *Indian Cartographer*, ISSN: 0972-8392, Vol. 35

Chakma, N. 2015. People's Responses on Development Issue: A Case Study on Lepcha Communities of Dzongu, North Sikkim, India. *RJSSM*, Vol.5, Number 4, August, TIJ Research Publications, Singapore, ISSN: 22511571

Chakraborty, S. and Chakma, N. 2015. Assessment of Earthquake Hazard and Building Risk in Sikkim, India, *Scientific Annals* of "Al. I.CUZA" University of IAȘI, Geography series, Romania, Vol 61, No. 1 (2015), 5-20 pp, ISSN: 1223-5334; eISSN: 2284-6379

Chakraborty, S. and Chakma, N. 2015. A Study on Inter regional Disparity of Sikkim, India, *International Journal of Current Science* October, ISSN: 2250-1770

Chakma, N. and Pakhuongte, L. 2015. Religion in North East States of India: A Review. September 15, Vol. 3, Issue 9, *IJRITCC*, ISSN: 2321-8169

Chakma, N. and Pakhuongte, L. 2015. Missing Girls in North East India: An Analysis. September 30, Vol. 3, Issue 9, *IJRITCC*, ISSN: 2321-8169

Chakma, N. 2015. An Analysis of Trend of Urbanisation in Tripura, India. October 29, Vol. 3, Issue 10. 5904-5908 pp., *IJRITCC*, ISSN: 2321-8169

Chakma, N. 2015. Trend of Disability in North East India, 2001-2011: An assessment, *IJRITCC*, November, Vol. 3, Issue 11, ISSN: 2321-8169

2014: Ghosh, B. and Chakma, N. 2014. Urbanisation in West Bengal: An Analysis of Recent Processes, Published by ACCB publishing, England, *Space and Culture, India*, Vol.2, November-2, ISSN: 2052-8396, 28-41pp.

Chakraborty, S. and Chakma, N. 2014. Trend of Urbanisation and Growth of Small Towns in Barddhaman District, West Bengal, Vol. LX, no.1, s II c, Geography Series, 201-209pp., *Scientific Annals* of "Alexandru Ioan Cuza" University of Iasi-Geography series, ISSN:20688717

CV: NAMITA CHAKMA

Chakma, N. 2014. Small Island Insularity: A Case Study on Chuksar Island, Hugli Estuary, *ISRJ*, Vol.4, Issue 10, ISSN: 2230-7850

Chakma, N. 2014. Inter-Island Relocation Due To Natural Hazards and Socio-Economic Challenges: A Case Study on Hugli Estuary Islands”, *GRT*, Vol.4, Issue-5, ISSN: 2231-5063

Chakma, N. and Ganguly, S. 2014. Socio-Urban Analysis of Dubrajpur Town, Birbhum District, West Bengal, *The Mirror*, Vol.1, 2014, ISSN: 2348-9596

2012: Chakma, N. and Ghosh, B. 2012. Designing Urban Open Spaces of Barddhaman Town, West Bengal, India”. Vol. LVIII, s.II-c, 237-247pp., *Scientific Annals* of “Alexandru Ioan Cuza”, University of Iasi-Geography series, ISSN:20688717

Chakma, N. 2012. “Paye Paye Peling” (Bengali), *Himalaya Prasanga*, Journal of Himalaya Samiksha Parishad, Kolkata, ISSN: 22311076

2011: Nandi, M. and Chakma, N. 2011. Stone Carving Crafts and Craftsman of Susunia, Bankura District, West Bengal. Vol.15, No.2, Winter 2011,199-205pp, *Practicing Geographer*, ISSN:09753850

Koner, K. and Chakma, N. 2011. Tribal Cultural Fusion: A study on Kora Tribe of West Bengal”. *Indian Journal of Landscape Systems and Ecological Studies*, Institute of Landscape Ecology and Ekistics, vol.34, December, ISSN: 0971-4170

2010: Ghosh, B. and Chakma, N. 2010. Barddhaman Town as Evolved Over Time and Space”. Vol.33, No.2, December, 2010, 227-234pp, *Indian Journal of Landscape Systems and Ecological Studies*, Institute of Landscape Ecology and Ekistics, ISSN: 0971-4170

Ghosh, T. and Chakma, N. 2010. Urban Growth and Emerging Problems of Asansol City”. Vol.14, No.1, Summer 2010, 117-124pp, *Practicing Geographer*, ISSN:09753850

Mondal, A. and Chakma, N. 2010. Assessing Change in Water Body Areas of Burdwan Municipality”. Vol.33, June, 2010, 567-574pp, *Indian Journal of Landscape Systems and Ecological Studies*, Institute of Landscape Ecology and Ekistics, ISSN: 0971-4170

2009: Banerjee, A. and Chakma, N. 2009. Socio-Economic Profile of Slum Women Workers in the Burdwan Municipal Area, West Bengal: An Assessment”. Vol.13, No.1, Summer 2009, 220-233pp, *Practicing Geographer*, ISSN:09753850

TRAINING COURSES ATTENDED

2015: Refresher Course in Tribal Studies, HRDC, North Eastern Hill University, Shillong, Meghalaya

2014: Winter School on RS and GIS, Academic Staff College, The University of Burdwan;
Refresher Course in Environmental Sciences, HRDC, Jawaharlal Nehru University, New Delhi;

CV: NAMITA CHAKMA

Workshop on Capacity Building Programme on Research Methodology for Young Faculties in Social Sciences, Sikkim University, Sikkim

2008: Orientation Course, Academic Staff College, The University of Burdwan

2005: QIP short term course on “Erosion and Sedimentation of River Beds”, IIT Kharagpur

2004: Refresher Course in Water Resources Management, Academic Staff College, Jadavpur University, Kolkata

2001: Training programme on RS and GIS conducted at the Regional Remote Sensing Service Centre, IIT Kharagpur

SEMINARS & CONFERENCES ORGANISED

2020: As HoD Geography and Member XIV IGU-INDIA International Conference, Department of Geography, The University of Burdwan, West Bengal

2018: As Joint Organising Secretary, 7th ANGIS International Conference, Department of Geography, The University of Burdwan, West Bengal

As Joint Organising Secretary, International Conference, Department of Geography, The University of Burdwan, West Bengal

2017: As Joint Organising Secretary, International Conference, Department of Geography, The University of Burdwan, West Bengal

2015: As Joint organising secretary, UGC-SAP-DRS National Seminar, Department of Geography, The University of Burdwan, West Bengal

2013: As Joint Organising Secretary, 35th Indian Geographers’ Meet and International conference, Department of Geography, The University of Burdwan, West Bengal

2011: As Joint Organising Secretary, 33rd Indian Geography Congress, organized by the Department of Geography, The University of Burdwan, West Bengal

LIFE FELLOWSHIPS

- National Association of Geographers India
- The Geographical Society of India, Kolkata
- Indian Geographical Foundation, Kolkata

COUNTRIES VISITED

- Nepal ●Bhutan ●Thailand