



Dr. Pritam Ghosh


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Education

2023

Doctor of Philosophy / Department of Geography, University of Calcutta

PhD with specialization in *Health & Medical Geography*

Dissertation Title: Nutritional and Physical Health Status of Under-Five Children: A Study in Rural Areas of Maldah District, West Bengal

Supervisor: Prof. Pratima Rohatgi

2012

Master of Science / Department of Geography, University of Calcutta

Geography with specialization in *Advanced Cartography*.

2010

Bachelor of Science / University of Calcutta (Asutosh College)

Geography (Honours), Economics and Sociology (General)

Teaching Experience

JANUARY 2020 - ONGOING

State Aided College Teacher / Department of Geography, Ramsaday College, Haora, India

AUGUST 2017 – DECEMBER 2020

Guest Faculty / Department of Geography, Ramsaday College, Haora, India

SEPTEMBER 2015 – DECEMBER 2021

Guest Faculty / Post Graduate Department of Geography, Vidyasagar University Distance Education Centre

AUGUST 2017 – DECEMBER 2020

Guest Faculty / Department of Geography, Khudiram Bose Central College, Kolkata, India

JANUARY 2014 – MARCH 2015

Guest Faculty / Post Graduate Department of Geography, Vidyasagar College Under University of Calcutta, Kolkata, India

Project Experience

- 1) **Project Coordinator** (2022): **CSIRO Australia Research Global Plastic Pollution Survey -India**, CSIRO Oceans & Atmosphere – Hobart, Australia. And Madhyanchal Professional University, India
- 2) **Research Assistant** (2018 to 2020): **Human Development Report, Paschim Medinipur, West Bengal (2020)**. Indian Institute of Technology, Kharagpur

Training/Workshop Attended

- 1) **Geospatial Inputs for Enabling Master Plan Formulation** conducted by Indian Institute of Remote Sensing (IIRS), during 27-07-2020 to 31-07-2020.
- 2) **Health GIS: Geoinformatics for COVID19** conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, during 15-06-2020 to 19-06-2020.
- 3) **Advanced Tools and Techniques for Analysis of Demographic and Health Statistics and Application of Computer Software** Conducted by Population studies Unit (PSU), Indian Statistical Institute (ISI) during 18-03-2019 to 20-03-2019
- 4) **Understanding SPSS & its Application in Research** conducted by A.K. Dasgupta Centre for Planning and Development (Sponsored by NITI Aayog), Visva-Bharati, From 4th Sept to 8th Sept, 2018
- 5) **Managing Uncertainty in Health Informatics – A Data driven Approach** conducted by Dept. of Computer Science and Technology, Indian Institute of Engineering Science and Technology, Shibpur, India, From 31st July to 4th August.
- 6) **ISRO Outreach Programme for Eastern Region** conducted by Regional Remote Sensing Centre-East and Department of Geography, University of Calcutta, 27th April, 2018
- 7) **Qualitative & Quantitative Research Methods in Geographical Studies** conducted by Vivekananda College, Kolkata, 12th February, 2018
- 8) **Climate Extremes: Observation, Analysis and Modelling** conducted by Department of Atmospheric Science, University of Calcutta, 27th & 28th January, 2017

Seminar Presentation

(Title of the Presentation, Title of the Conference/Seminar, Organized by/ Date)

- 1) Prevalence and Determinants of Anaemia among Under-Five Children in West Bengal: An Insight from the National Family Health Survey 2015-16, **International Conference on Planning Sustainable Regions: The Social-Economical-Ecological Triad and 51th annual seminar of Regional Science Association**, India *Organized by* Amity University (13th to 15th February, 2020)

- 2) **Assessment of Maternal Health Risk and Vulnerability in West Bengal: A Geo Medical Study**, *International Conference on Bio-Cultural Heritage of Eastern India: Theoria, Praxis and Poiesis*, Department of Anthropology and Dept. of Higher Education, Science, Technology and Biotechnology, Govt. of West Bengal, 28th and 29th March, 2018
- 3) **The Shifting Features of Evaporation with Normalized Difference Vegetation Index over Kolkata**, *National Conference on Climate Change and Extreme Weather Assessment of Vulnerability for Early Warning*, Disaster Management Department Govt. of West Bengal, Indian Meteorological Society Kolkata Chapter, University of Calcutta, 5th March, 2016
- 4) **The Changing Characteristic of Evaporation Process over Indian Urban Metropolis**, *International Conference on Urbanization and Regional Sustainability*, Department of Geography, University of Calcutta and Regional Science Association, India, 28th to 30th January, 2016
- 5) **Climate And Marketing Strategies Some Examples of Neo-economic Determinism**, *National Conference on Climate, Society and Sustainability*, Department of Geography, University of Calcutta, 25th & 26th April 2014

Invited Lectures

- 1) **“Housing Inequality in India”** on the special Session **“Housing Issues in South Asia: Way Forward”** at the **International Conference & 52nd Annual Meet of Regional Science Association**, India Co - hosted by Institute of Development Studies Kolkata *in Collaboration with* Regional Science Policy and Practice (10th December, 2021)
- 2) **“How to Write an Effective Research Paper”** on the Session of **“Writing for Journal”** at the 8th **International Conference on Diversity & Development** (21 and 22 August 2021) organized by School of Development Studies, Tata Institute of Social Science, Mumbai.

Publications

Research Articles

- 1) Ghosh, P. Sarkar, S. (2023). **Female Water Fetchers: Analyzing the Role of Women in Collecting Drinking Water in India**. *Global Social Welfare: Research, Policy, & Practice*, 1-11. <https://doi.org/10.1007/s40609-023-00283-w>
- 2) Ghosh, P., Mishra, S. V. (2022). **How sustainable are the Indian cities?** *The Professional Geographers*, <https://doi.org/10.1080/00330124.2023.2183416>
- 3) Dolui, M., Sarkar, S., Ghosh, P., Hossain, M. (2023). **Dietary diversity and association with noncommunicable diseases (NCDs) among adult men (15–54 years): A cross-sectional study using National Family and Health Survey, India**. *PLOS Global Public Health*, 3(4), 1-17. <https://doi.org/10.1371/journal.pgph.0001775>

- 4) Ghosh, P. (2023). **Determinants and transition of anaemia among under-five children from different social groups in India from 2005–06 to 2015-16.** *Social Science & Medicine*. <https://doi.org/10.1016/j.socscimed.2023.115702>
- 5) Ghosh, P., Hossain, M., Sarkar, S. (2022). **Inequality among Social Groups in Accessing Improved Drinking Water and Sanitation in India: A District level Spatial Analysis,** *The Professional Geographer*, 1-22. <https://doi.org/10.1080/00330124.2022.2124181>
- 6) Mondal, S., Ghosh, P., Rohatgi, P. (2022). **Village-level Livelihood Security: A case study on a wasteland dominated forest fringe region of rural India.** *Regional Science Policy & Practice*, <https://doi.org/10.1111/rsp3.12552>
- 7) Ghosh, P., Rohatgi, P., Bose, K. (2022). **Determinants of Time-Trends in Exclusivity and Continuation of Breastfeeding in India: An Investigation from the National Family Health Survey.** *Social Science and Medicine*, 292, 1-10. <https://doi.org/10.1016/j.socscimed.2021.114604>
- 8) Ghosh, P., Bose, K. (2021). **Determinants of Menstrual Hygiene Management among Young Indian Women: An Investigation Based on the National Family Health Survey 2015-16.** *Journal of Indian Anthropological Society*, 56(3), 290-308.
- 9) Ghosh, P., Rohatgi, P. (2021). **Maternal Biophysical Influence on Low Birth Weight: A study on Empowered Action Group States in India.** *Indian Journal of Spatial Science*, 12(2), 28-34. Doi: [10.5281/zenodo.5522679](https://doi.org/10.5281/zenodo.5522679)
- 10) Ghosh, P., Hossain, M., Alam, A. (2021). **Water, Sanitation, and Hygiene (WASH) Poverty in India: A district-level geospatial assessment.** *Regional Science Policy & Practice*, 14(2), 396-416. <https://doi.org/10.1111/rsp3.12468>
- 11) Ghosh, P., Alam, A., Ghosal, N., & Saha, D. (2021). **A Geospatial Analysis of Temporary Housing Inequality among Socially Marginalized and Privileged Groups in India.** *Regional Science Policy & Practice*, 13(3), 798-819. <https://doi.org/10.1111/rsp3.12425>
- 12) Ghosh, P., Cartone A. (2020). **A Spatio-temporal analysis of COVID-19 outbreak in Italy.** *Regional Science Policy & Practice*. 12, (6), 1047–1062. <https://doi.org/10.1111/rsp3.12376>
- 13) Ghosh, P. (2018). **Spatial Analysis and Assessment of Child Health Risk and Vulnerability in West Bengal: A Geo-Medical Study,** *Eastern Geographer*, 24(1), 136-148.
- 14) Ghosh, P. Rohatgi, P. (2018). **Status of Maternal Healthcare Service Utilization in West Bengal.** *International Journal of Innovative Knowledge Concepts*, 6(8), 22-30. Doi:11.25835/IJIK-147
- 15) Ghosh, P. Rohatgi, P. (2018). **Spatial Distribution of Healthcare Infrastructure in Maldah District, West Bengal.** *Indian Journal of Landscape Systems and Ecological Studies*, 41(2), 142-155.
- 16) Ghosh, P. (2017). **A Study of Interrelationship between Literacy and Main Worker Population in Haora District, 2001-2011.** *Edulight Journal*, 6(11), 105-115.

- 17) Ghosh, P., Banerjee, D., Rohatgi, P. (2017). **Assessment of Maternal Health Risk and Vulnerability in West Bengal: A Geo Medical Study.** *Indian Journal of Landscape Systems and Ecological Studies*, 40(2), 92-103.
- 18) Ghosh, P., Saha, D., Rohatgi, P. (2016). **Spatial Disparity in Access to Reproductive and Maternal Healthcare in West Bengal.** *Geo-Analyst*, 6(2), 34-46.

Book Chapters

- 1) Ghosh, P., Hossain, M., Alam, J., Alam, A. (2022). **Neighbourhood Level Geospatial Heterogeneity of WASH Performance in Indian Two Old Colonial Cities: Kolkata and Chennai** in book named *Urban Environment and Smart Cities: Insights for Social, Ecological, and Technological Sustainability* (Edited by Chatterjee, U., Antipova, A., Ghosh, S., Majumdar, S., Setiawati, M. D.), Springer Nature Switzerland AG
- 2) Ghosh, P., Saha, D., Cartone, A. (2021). **Housing Inequality by Social Groups, Gender, and Place of Residence: A District-Level Geospatial Analysis in India** in book named *Accessible Housing for South Asia: Needs, Implementation and Impacts*, (Edited by Kundu, A., Dentinho, T. P., Magsi, H., Basu, K., Bandyopadhyay, S.), Springer Nature Switzerland AG, DOI : 10.1007/978-3-030-88881-7
- 3) Mohanty, A., Chandra, A., Ghosh, P. (2021). **Delineation of Groundwater Potential Zones on Lower and Middle Beas Basin Using Remote Sensing and Geographical Information System** in book named *Sustainable Climate Action and Water Management* (Edited by, Mishra, R. K., Singh, R. B., Dubey, A., ISBN 978-981-15-8237-0 (eBook), pp. 87-100. Springer Nature Singapore, <https://doi.org/10.1007/978-981-15-8237-0>
- 4) Ghosh, P. (2016). **Climate and Marketing strategies: Some Example of neo-Economic Determinism** in book named *Climate, Society a Contemporary Perspective*, Edited by Haldar, A., and Satpati, L. ISBN: 978-81-923448-0-5

Project Reports

- 1) Human Development Report, Paschim Medinipur, West Bengal (2020). Indian Institute of Technology, Kharagpur
- 2) CSIRO Marine Debris Team (2022) Global Plastics Leakage Baseline Data Summary Report, Ganges Delta Region, India CSIRO, Australia. EP2022-4696.

Journal Reviewer

(Journal name – Publisher)

- 1) BMC Health Service Research - **Springer**
- 2) International Regional Science Review - **Sage**
- 3) Development Policy Review - **Wiley**
- 4) Letters in Spatial and Resource Sciences - **Sage**
- 5) Discover Water - **Springer**
- 6) Spatial Information Research – **Springer**
- 7) Indian Journal of Human Development - **Sage**

- 8) Applied Water Science - **Springer**
- 9) SSM-Population Health - **Elsevier**
- 10) Spatial Demography - **Springer**
- 11) GeoJournal – **Springer**
- 12) *BMC Pediatrics* – **Springer**
- 13) *BMC Reproductive Health* - **Springer**
- 14) Regional Science Policy & Practice - **Regional Science Association International & Wiley**
- 15) International Journal of Regional Science Review – **Sage**
- 16) The Professional Geographers – **American Association of Geographers (AAG) & Taylor & Francis**
- 17) BMC Geriatrics – **Springer**
- 18) Diabetology & Metabolic Syndrome – **Springer**
- 19) PLOS ONE

So far reviewed more than 50 manuscripts submitted to these international journals.