



Dr. Pritam Ghosh


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Current Working status

Assistant Professor at Department of Geography, **Hijli College**, Affiliated to **Vidyasagar University**.

Institutional Address: Hijli Co-operative, Kharagpur, Pin: 721 306, District: Paschim Medinipur, West Bengal, India.

Area of Interest

Human Geography, Population Geography, Social & Cultural Geography, Medical and Health Geography, Geospatial, Social, Environmental Dimensions of Health Geography

Personal Keywords: Child and Maternal Health, Malnutrition, Water, Sanitation and Hygiene (WASH), Spatial Analysis, Inequality analysis, Social Policy Analysis.

Ongoing Book Projects

- 1) Edited Volume entitled “**Climate on the Move: Migration, Environment, Health, Economy, and Justice in a Changing World**” is going to be published in 2025 from **Springer Climate Series** of **Springer Nature** Publisher. Co-editor: **Dr. Satyabrata Mandal** of Department of Geography, Banwarilal Bhalotia College, India, **Dr. Debanjana Das** of NOAA Center for Atmospheric Sciences and Meteorology, Howard University, Atmospheric, Oceanic & Earth Sciences, George Mason University, USA, and **Dr. Godwell Nhamo** of University of South Africa (UNISA), South Africa.
- 2) Edited Volume entitled “**The Rising Burden of disease and Illness in India – A Geographical Perspective**” is going to be published in 2024 from **Sustainable Development Goals Series** of **Springer Nature** Publisher. Co-editor: **Dr. Sanjit Sarkar** of Central University of Karnataka, India, and **Dr. Aditya Singh** of Banaras Hindu University, India.
- 3) Edited Volume entitled “**Climate Crises and Changing Population Dynamics – Emerging Issues and Sustainable Solutions**” is going to be published in 2024 from **Springer Climate Book Series** of **Springer Nature** Publisher. Co-editor: **Dr. Uday Chatterjee** of Bhatler College, India, and **Dr. Edris Alam** Rabdan Academy, Abu Dhabi, United Arab Emirates.
- 4) Edited Volume entitled “**Climate Crises and Public Health Challenges – With a Focus on South and Southeast Asia**” is going to be published in 2024 from **Disaster Reduction Book Series** of **Springer Nature** Publisher. Co-editor: **Dr. Soumita**

Banerjee of Amity University, Kolkata, India, Ranit Chatterjee of RIKA Institute, India, Prof. Rajib Shaw of Keio University, Japan.

Academic Qualification

- 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
- 2014 Qualified UGC-NET in Geography
- 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)
- 2007 **Higher Secondary Examination** (Class 10+2)/ West Bengal Council of Higher Secondary Education (Amta Pitambar High School)
Bengali (A), English (B), Geography, Biological Science, Political Science, Education
- 2005 **Secondary Examination** (Class 10) / West Bengal Board of Secondary Education (Panpur Sashibhusan High School)

Training/Workshop Attended

- 1) **Online Teaching, Learning and Evaluation** conducted by Internal quality Assurance Cell of Uluberia College and K. K. Das College, during 16-08-2023 to 17-08-2023.
- 2) **Geospatial Inputs for Enabling Master Plan Formulation** conducted by Indian Institute of Remote Sensing (IIRS), during 27-07-2020 to 31-07-2020.
- 3) **Health GIS: Geoinformatics for COVID19** conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, during 15-06-2020 to 19-06-2020.
- 4) **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
- 5) **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
- 6) **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.
- 7) **ISRO Outreach Programme for Eastern Region** conducted by Regional Remote Sensing Centre-East and Department of Geography, University of Calcutta, 27th April, 2018
- 8) **Qualitative & Quantitative Research Methods in Geographical Studies** conducted by Vivekananda College, Kolkata, 12th February, 2018
- 9) **Climate Extremes: Observation, Analysis and Modelling** conducted by Department of Atmospheric Science, University of Calcutta, 27th & 28th January, 2017

Teaching Experience

- Mar 2024 – Ongoing **Assistant Professor** / Department of Geography, **Hijli College, Kharagpur, India**
- Jan 2020 – Mar 2024 **State Aided College Teacher** / Department of Geography, **Ramsaday College, Haora, India**
- Aug 2017 – Dec 2020 **Guest Faculty** / Department of Geography, **Ramsaday College, Haora, India**
- Sep 2015 – Dec 2021 **Guest Faculty** / Post Graduate Department of Geography, **Vidyasagar University Distance Education Centre**
- Aug 2017 – Dec 2020 **Guest Faculty** / Department of Geography, **Khudiram Bose Central College, Kolkata, India**
- Jan 2014 – Mar 2015 **Guest Faculty** / Post Graduate Department of Geography, **Vidyasagar College Under University of Calcutta, Kolkata, India.**

Research Project Experience

- 1) **Project Coordinator** (March 2022): **CSIRO Australia Research Global Plastic Pollution Survey -India**, CSIRO Oceans & Atmosphere – Hobart, Australia. And Madhyanchal Professional University, India
- 2) **Research Assistant** (01/06/2018 to 31/03/2020): **Human Development Report, Paschim Medinipur, West Bengal (2nd Phase)** Sponsored by Office of District Magistrate, Paschim Medinipur, **Government of West Bengal**, Conducted by Rural Planning and Management Unit, Department of Architecture and Regional Planning, **Indian Institute of Technology, Kharagpur**

Publications

Research Articles

- 1) **Ghosh, P.** (2025) Inequality in Childhood Anaemia among Indian Hindus (2006-2021): A Comparison of Scheduled Castes and Tribes with Upper Castes, *Journal of Racial and Ethnic Health Disparities*, <https://doi.org/10.1007/s40615-025-02535-1> [Springer]
- 2) **Ghosh, P.** (2024) Deconstructing the Sex Gap in Child Undernutrition in India: Are Indian Boys at Elevated Risk of Anthropometric Failure than the Girls? *American Journal of Human Biology*. 36 (5), 1-25. <https://doi.org/10.1002/ajhb.24092> [Wiley]
- 3) **Ghosh, P.** (2023). Undernutrition Among the Children from Different Social Groups in India: Prevalence, Determinants, and Transition Over Time (2005–2006 to 2019–2021). *Journal of Racial and Ethnic Health Disparities*, <https://doi.org/10.1007/s40615-023-01796-y> [Springer]
- 4) **Ghosh, P., Bose, K., Rohatgi, P.** (2023). **Prevalence and Determinants of Anaemia Among Under-Five Children in West Bengal: An Insight from the National Family**

Health Survey 2015–2016. *Global Social Welfare: Research Policy, & Practice*.
<https://doi.org/10.1007/s40609-023-00299-2> [Elsevier]

- 5) 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> [Springer]
- 6) 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> [PLOS]
- 7) 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> [Elsevier]
- 8) Ghosh, P., Hossain, M., Sarkar, S. (2023). **Inequality among Social Groups in Accessing Improved Drinking Water and Sanitation in India: A District level Spatial Analysis,** *The Professional Geographer*, 75(3), 361-382. <https://doi.org/10.1080/00330124.2022.2124181> [AAG & Taylor & Francis]
- 9) 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> [RSAI & Wiley]
- 10) 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> [Elsevier]
- 11) 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. [IAS]
- 12) 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)
- 13) 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> [RSAI & Wiley]
- 14) 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> [RSAI & Wiley]
- 15) 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> [RSAI & Wiley]

- 16) 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.

Short Communications/ Commentary

- 1) Ghosh, P., Sarkar, S. (2023). **Open Defecation in India: An Assessment of Swachh Bharat Mission (2015-16 to 2019-21)**. *Economic & Political Weekly*, LVII(44), 15-20.
- 2) Ghosh, P., Mishra, S. V. (2022). **How sustainable are the Indian cities?** *The Professional Geographers*, 1-6. <https://doi.org/10.1080/00330124.2023.2183416> [AAG & Taylor & Francis]

Book Chapters

- 1) **Ghosh, P., Hossain, M., (2025). Mapping the District Level Rural-Urban Inequality of Water and Sanitation Poverty in India.** In: Kumar, P., Kumar, M., Anand, S., Tripathi, D.K., Verma, N.K. (eds) *Humanities and Sustainability from Glocal Perspectives Towards Future Earth*. IGUTC 2022. Advances in Geographical and Environmental Sciences. Springer, Singapore. https://doi.org/10.1007/978-981-96-0381-7_16
- 2) **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
- 3) **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
- 4) 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>
- 5) **Ghosh, P. (2016). Climate and Marketing strategies: Some Example of neo-Economic Determinism** in book named **Climate, Society a Contemporary Perspective**, Edited by Halder, 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 Editor

March 2023 – Present **Academic Editor** of **PLOS ONE** Journal. San Francisco, California, United States. [<https://journals.plos.org/plosone/>]

Journal Reviewer

June 2020 – Present	Regional Science Policy & Practice – <i>Regional Science Association International & Wiley (Elsevier since January 2024)</i>
Feb 2021 – Present	BMC Pediatrics – <i>Springer</i>
Aug 2021 – Present	GeoJournal – <i>Springer</i>
Aug 2021 – Present	SSM-Population Health – <i>Elsevier</i>
Oct 2021 – Present	Spatial Demography – <i>Springer</i>
Oct 2021 – Present	Applied Water Science – <i>Springer</i>
Mar 2022 – Present	International Regional Science Review – <i>Sage</i>
Apr 2022 – Present	Indian Journal of Human Development – <i>Sage</i>
Jun 2022 – Present	Spatial Information Research – <i>Springer</i>
July 2022 – Present	Discover Water – <i>Springer</i>
Oct 2022 – Present	Letters in Spatial and Resource Sciences – <i>Sage</i>
Oct 2022 – Present	Development Policy Review – <i>Wiley</i>
Oct 2022 – Present	Contemporary Voice of Dalit – <i>Sage</i>
Jan 2023 – Present	The Professional Geographers – <i>American Association of Geographers (AAG) & Taylor & Francis</i>
Feb 2023 – Present	BMC Diabetology & Metabolic Syndrome – <i>Springer</i>
Feb 2023 – Present	PLOS ONE
Mar 2023 – Present	PLOS Global Public Health
Apr 2023 – Present	BMC Geriatrics – <i>Springer</i>
Jun 2023 – Present	BMC Health Service Research – <i>Springer</i>
Jun 2023 – Present	BMC Reproductive Health – <i>Springer</i>
Jun 2023 – Present	Journal of Water, Sanitation and Hygiene for Development
July 2023 – Present	Cities & Health - <i>Taylor & Francis</i>
July 2023 – Present	Journal of Racial and Ethnic Health Disparity – <i>Springer</i>
Aug 2023 – Present	BMC Cardiovascular Disorders - <i>Springer</i>
Aug 2023 – Present	BMC Sleep Science and Practice - <i>Springer</i>
Sep 2023 – Present	BMC Public Health - <i>Springer</i>
Oct 2023 – Present	Scientific Report – <i>Nature</i>
Nov 2023 – Present	BMJ Open
Dec 2023 – Present	Journal of Biosocial Science - <i>Cambridge University Press</i>
Jan 2024 – Present	BMC Pregnancy and Childbirth - <i>Springer</i>
Feb 2024 – Present	Global Social Welfare – <i>Springer</i>
Feb 2024 – Present	Social Science & Medicine – <i>Elsevier</i>
Apr 2024 – Present	BMC Women Health - <i>Springer</i>
May 2024 – Present	Cogent Social Science – <i>Taylor & Francis</i>

May 2024 – Present	Women’s Studies International Forum – <i>Elsevier</i>
Aug 2024 – Present	Humanities and Social Sciences Communications– <i>Nature</i>
Aug 2024 – Present	Cogent Public Health– <i>Taylor & Francis</i>
Nov 2024 – Present	Discover Public Health – <i>Springer Nature</i>
Nov 2024 – Present	International Journal of Equity in Health- <i>Springer</i>
Feb 2025 – Present	Clinical Nutrition ESPEN – <i>Elsevier</i>
Feb 2025 – Present	Heliyon – <i>Elsevier</i>
Mar 2025 – Present	Discover Social Science & Public Health – <i>Springer Nature</i>
June 2025 – Present	Global Health Action – <i>Taylor & Francis</i>
June 2025 – Present	Development & Practice – <i>Taylor & Francis</i>

So far reviewed more than 80 manuscripts submitted to these international journals.

Invited Lectures

- 1) **“Theodolite Survey: Principles and Applications in Geography”** on an Add-on Course entitled **“Applied Geography: Bridging Theory and Practice”** at Serampore Girls College, Hooghly, West Bengal, (22nd September, 2025)
- 2) **“Cultural Diffusion, Innovation diffusion & Haggard’s Model of Cultural Diffusion”** on an Add-on Course entitled **“Applied Geography: Bridging Theory and Practice”** at Serampore Girls College, Hooghly, West Bengal, (18th September, 2025)
- 3) **“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)
- 4) **“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.

Seminar/Workshop Chaired and Co-chaired

- **Organized** 3rd Annual **“Health Geography Symposium for Ph.D. and Emerging Researcher 2024”** as a member of **International Geographical Union Commission on Health and the Environment (IGU CHE)** on December 10, 2024.
- **Co-Chaired** a Session at a National Seminar on **“Self-reliance (Atmanirbhar), Sustainable Development and Environment”** organized by Serampore Girls College Sponsored by Indian Council of Social Science Research (ICSSR) between 25-26 March 2022.
- **Organized and Chaired** a Special Session on **“Housing Issues in South Asia: The Way Forward”** with Prof. Tomaz Dentinho (Chief Editor, RSPP) at the International Conference

and 52nd Annual Meet of the Regional Science Association, India, hosted by the Institute of Development Studies Kolkata, between 8-10 December 2021.

Seminar Presentation

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

- 1) **Childhood Undernutrition across Caste/Ethnic Groups in India: Prevalence, Determinants, and Transition from 2005–2006 to 2019–2021** presented in 2nd Annual Online **Health Geography** Symposium *Organized by International Geographical Union* (IGU) Health and Environment Commission. 14th and 15th December, 2023
- 2) **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)
- 3) **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*, Dept. of Anthropology, **University of Calcutta** and Dept. of Higher Education, Science, Technology and Biotechnology, **Govt. of West Bengal**, 28th and 29th March, 2018
- 4) **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
- 5) **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
- 6) **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

Academic Membership/Association

October 2023 – Present	Resource Person for Post Graduate Diploma Course, in the Department of Disaster Management , Sri Sri University , Cuttack, Odisha 754006.
January 2023 – Present	Active Member of Young Geographer Working Group (YGWG) of The Asian Geographical Association (AGA) [http://www.asiageo.net/]
January 2018 – Present	Resource Person of Center for Environment and Economic Development (Research and Knowledge Centre working for the

Grater South Asian Region and secretariat is based in Delhi, India.
[<http://ceedasia.org/>]

Software Skill

Mapping Software: Q-GIS, ArcGIS, GeoDa

Statistical Software: Excel Stat, IBM SPSS, Jamovi, R, Minitab, StataMP 17.