

Curriculum Vitae

Anwasha Sarkar

As a senior PhD student in population and public health, I have advanced proficiency in GIS and remote sensing techniques to analyse complex urban dynamics.

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Education:

- Doctor of Philosophy (July 2021 – Present)
Indian Institute of Technology Patna, Social Sciences Lab, Bihar, India
- Master of Science in Geography (from 07/2017 to 08/2019)
University of Calcutta, Kolkata, India, CGPA 4.41/6.00
- Bachelor of Science in Geography (from 07/2014 to 06/2017)
Presidency University, Kolkata, India, CGPA 7.51/10.00
- Senior Secondary Examination (2014)
Bhavans Gangabux Kanoria Vidyamandir, Kolkata, India, Percentage 91.75
- Secondary Examination (2012)
Kendriya Vidyalaya No 2, Kolkata, India, CGPA 10.0/10.0

Publication:

Papia Raj & Anwasha Sarkar (2024). A Comprehensive Trajectory Analyzing the Impact of Neighborhood on Women's Health. Health Care for Women International. DOI: 10.1080/07399332.2024.2303515

Selected Conferences and Workshops:

- Participation in the National Seminar on Working, Efficiency, and Effectiveness of Women Police Personnel in Bihar (10/2023), Patna, India. Conducted at the Indian Institute of Technology Patna, funded by the National Council for Women.
- Paper presentation at the International Conference on Social and Regional Resilience: Looking Through the Pandemic Lens' at Tata Institute of Social Science (12/2022) Mumbai, India. Paper title: Assessment of Healthcare and Medical Infrastructure in West Bengal During the Covid-19 Pandemic.
- Paper presentation at the International Conference on Future Earth and Humanities: Opportunities and Challenges (11/2021), Central University of Haryana, India. Paper title: A Spatial Analysis Assessing the Impact of Neighborhoods on Women's Health
- Participation in the Lecture Series on Contemporary Development Debates, Patna India, Organised by the Indian Institute of Technology Patna, under ICSSR-IMPRESS funded project (10/2021-11/2021)

Selected courses and workshops:

- Webel, India (01/2023-01/2024): Overview of GIS tools and techniques

- Central University of Haryana, India (03/2023): Statistical data analysis using SPSS and R
- Tata Institute of Social Sciences Mumbai (12/2022): Data and Method in Social Science Research and Do's and Don'ts of Publishing in International Journals
- Asian Development Bank Institute (02/2021): Demographic Transition and its Impacts
- Indian Space Research Organisation (01/2021): Geoprocessing using Python
- University of Oxford (06/2020): Designing a Multidimensional Poverty Index
- University of Calcutta (01/2019): Qualitative techniques in geospatial sciences
- Indian Space Research Organisation (09/2018): Remote Sensing and Digital Image analysis
- Indian Space Research Organisation (04/2018): Outreach programme for eastern region

Grant and fellowship:

- PhD fellowship by UGC: Junior Research Fellowship (from 07/2021 to 07/2023) and Senior Research Fellowship (from 08/2023 to 07/2026)
- Qualified for Junior Research Fellowship (UGC), India, 2020
- Qualified for National Eligibility Test University Grants Commission (UGC), India, 2019

Internships:

- International Centre for Culture & Education (from 06/2018 to 08/2018)
Recruitment Officer Green (R)evolution College Program, Phase 7
- International Centre for Culture & Education from 08/2017 to 11/2017
Climate Counsellor Green (R)evolution Global Certification Program, Phase 6

Professional Membership:

Indian Public Health Association (IPHA): Life member of IPHA from 08/2023 to Present

Skills:

- Statistical: Quantitative and mixed methods
- Cartographic: Remote Sensing and GIS
- Data analysis and software expertise: Statistical Packages: SPSS, STATA, R Programming, ArcMap, QGIS, Erdas Imagine, Geomatica, MapInfo, AutoCAD Map, VosViewer, and others

Reference:

- Dr. Papiya Raj, Associate Professor, Ph.D, McGill University, Montreal, Canada
praj[*AT]iitp.ac.in
- Dr. Aditya Raj, Associate Professor, Ph.D, McGill University, Montreal, Canada
aditya.raj[*AT]iitp.ac.in