

RAHUL RAJAK

(Doctorate in Population Studies)

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ACADEMIC QUALIFICATION

Degree	Board/Institute	Year	Place
Ph.D. in Population Studies	International Institute for Population Sciences	2017-2021	Mumbai
M.Phil. in Population Studies	International Institute for Population Sciences	2015 - 2016	Mumbai
M.A. in Population Studies	International Institute for Population Sciences	2013 - 2015	Mumbai
M.A. in Geography	Nalanda Open University (Distance Mode)	2018-2020	Patna
B.A. in Geography Hons.	Banaras Hindu University	2010-2013	Varanasi
Diploma in Computer Applications, Business Accounting and Multilingual D.T.P	National Institute of Electronics & Information Technology, Ministry of Communication & information Technology, Govt. of India	2012-2013	Varanasi
12 th (Arts)	West Bengal Council of Higher Secondary Education	2008-2010	Asansol
10 th (Matriculation)	West Bengal Board of Senior Secondary Education	2008	Asansol

PUBLICATION IN JOURNAL ARTICLES

[1] Mehra, D.; Rajak, R.; Deo, S.; Najmuddin, Q.; Devi, K.S.; Rathi, S.K.; Mehra, S. (2023) **Centres of Excellence for Adolescent Health and Development: A Case Study from Uttar Pradesh, India.** *Int. J. Environ. Res. Public Health* 2023, 20, 3042. <https://doi.org/10.3390/ijerph20043042>

[2] Rajak, R.; Prasad, J A. Chattopadhyay (2023) **Perception versus Actual Value of Quality of Drinking Water: A Case Study of Iron and Steel Company in West Bengal, India.** *Nature Environment and Pollution Technology.* Original Vol. 22, No. 3.

[3] Patel, S. K., & Rajak, R. (2022). **Effects and resilience to climate crisis among adolescents: a narrative review on South Asian countries.** *Climate and Development*, 1-12. <https://doi.org/10.1080/17565529.2022.2149255>

[4] Rajak, R., Chattopadhyay, A., & Maurya, P. (2021). **Accident and Injuries among Indian Iron and Steel Workers: A Cross-Sectional Study in West Bengal India.** *International Journal of Occupational Safety and Ergonomics*, 1-22. doi: 10.1080/10803548.2021.2012021

[5] Rajak, R., Mahto, R. K., Prasad, J., & Chattopadhyay, A. (2021). **Assessment of bio-medical waste before and during the emergency of novel Coronavirus disease pandemic in India: A gap analysis.** *Waste Management & Research*, 0734242X211021473.

[6] Singh, S. K., Chokhandre, P., Salve, P. S., & Rajak, R. (2021). **Open dumping site and health risks to proximate communities in Mumbai, India: A cross-sectional case-comparison study.** *Clinical Epidemiology and Global Health*, 9, 34-40.

PUBLICATION IN JOURNAL ARTICLES

[7] Yadav, V., Rajak, R., & Yadav, A. K. (2021). Growing slums in Indian towns: Insights from Census data 2001-11. *Demography India*, 50(2), 113-130. doi: 10.1080/09603123.2019.1612042.

[8] Rajak, R., & Chattopadhyay, A. (2020). Short- and long-term exposure to ambient air pollution and impact on health in India: a systematic review. *International journal of environmental health research*, 30(6), 593-617.

CHAPTER IN BOOKS

[1] Rajak, R., Sinha, D., & Lahiri, S. (2020). Desire for Additional Children and the Accompanying Sex Preference: A Comparative Study Between West Bengal and Bangladesh. In *Population Dynamics in Eastern India and Bangladesh* (pp. 209-225). Springer, Singapore.

[2] Rajak, R.; Prasad, P, Maurya., A. Chattapadhyay (2023). Occupational Health of Selected Industry Workers in India: A Systematic Review and Meta-Analysis. *India Population Report* , pp. 498 – 551. Publisher: Cambridge University Press. <https://doi.org/10.1017/9781009318846.015>

NEWSPAPERS PUBLICATION

The Hindu

Spike in bio-medical waste in Karnataka during COVID-19 pandemic

<https://www.thehindu.com/news/national/karnataka/spike-in-bio-medical-waste-in-karnataka-during-covid-19-pandemic/article35029794.ece>

Times of India

Headline: 23 states at additional Covid risk due to bio-med waste

<https://timesofindia.indiatimes.com/india/23-states-at-additional-covid-risk-due-to-bio-med-waste/articleshow/83825463.cms>

Times of India

Headline: Poor biomedical waste disposal puts Maharashtra at greater risk of Covid: Study

<https://timesofindia.indiatimes.com/city/mumbai/poor-biomedical-waste-disposal-puts-maharashtra-at-greater-risk-of-covid-study/articleshow/83823213.cms>

ABP Live

Headline: Improper Bio-Medical Waste Management During Covid-19 Can Increase Infection Rate: Study

<https://news.abplive.com/news/india/improper-bio-medical-waste-management-during-covid-19-can-increase-infection-rate-study-1465670/amp>

The Sunday Guardian

Headline: 'Covid risk from poor biomedical waste disposal'

Link: <https://sundayguardianlive.com/news/covid-risk-poor-biomedical-waste-disposal>

Mumbai Live

Headline: Study Says Lacklustre Biomedical Waste Disposal In Maharashtra Could Augment COVID-19

<https://www.mumbailive.com/en/health/study-says-lacklustre-biomedical-waste-disposal-in-maharashtra-could-augment-covid-19-66095>

TRAINING AND WORKSHOP

Indian Institute of public health

**Online Certificate course
22 February – March 19 2021**

Participated in one-month certificate course on “**Operations Research in Public Health**” organized by IIPH-Delhi, PHFI Supported by department of health Research, Indian Council of Medical Research’

Centre for Development Studies

**Thiruvananthapuram, Kerala
21-25 October, 2019**

Attend Workshop on ICSSR Sponsored Capacity Building Programme “**Pathways of Social Research: A Methodological Training**” conducted by Centre for Development Studies, Thiruvananthapuram, Kerala.

International Institute for Population Sciences

**Mumbai, India
28 March - 1 April, 2018**

Attend Workshop on “**Creating and Managing Unit Level Geo-Spatial Data Using Base Maps from Census of India**” on 28th March – 1st April, 2019, Conducted by International Institute for Population Sciences, Mumbai, India.

International Institute for Population Sciences

**Mumbai, India
20-25 August, 2018**

Attend Workshop on “**Introduction to R and Spatial Analysis with R Model Approaches, Maps, and Big Geodata**” August 20-25, 2018 Conducted by International Institute for Population Sciences, Mumbai, India in collaboration with Max Planck Institute for Demographic Research, Rostock, Germany & Federal Institute for Population Research, Wiesbaden, Germany.

NATIONAL AND INTERNATIONAL CONFERENCE

XXII World Congress on Safety and Health at Work

Online, September 20-23, 2021

Assessment of Safe Working Environment and Occupational Health Hazards Among Permanent and Temporary Workers: A Case Study of Iron and Steel Company (IISCO), Burnpur, India.

Indian Health Economics and Policy Association (IHEPA)

Online Mode January 22-23, 2021

“Biomedical Waste Generation, Management and Strategies: The Challenge amidst Novel coronavirus disease 2019 (COVID-19) pandemic in India”.

Population and Sustainable Development Seminar

Bhopal, India. 23 – 25 February, 2019

“Urban- Rural Differential of Water and Sanitation Facility in India: National Family Health Survey (NFHS-4) evidence-based study”.

International Institute for Population Sciences

New Delhi, India. 15 – 17 February, 2018

“Demographic and Socio-Economic Characteristics of Urban Slum by Different Size/Class Distribution of Cities/Towns in India: A Study Based on Census 2001 & 2011 Data”.

Indian Association for the Study of Population (IASP)

New Delhi, India. 7 – 9 December, 2016

“Urban Development-Induced Displacement and Rehabilitation A Study of Navi Mumbai International Airport Project, India”.

International Conference on Urban Geoinformatics,

Teri University New Delhi, India 22 – 23 February, 2017

“Urbanization in India by size-class of towns: analysis of 1901 to 2011 census data”

CURRENT AND PREVIOUS EMPLOYMENT HISTORY

Assistant Professor,
Institute of Development Studies, Kolkata

July 2023 to Present
Kolkata, West Bengal

Fellowship- Research
Delhi Legislative Assembly,

January 2023 - Mid July 2023

Previously, I have worked as a "Fellow-Research" at Delhi Assembly Research Centre, at New Delhi. Under the Delhi Assembly Research Centre (DARC) fellowship I was attached to the Delhi Legislative Assembly Secretariat. Provided Policy and Governance research support to the Hon'ble MLAs and various committees of the Delhi Legislative Assembly.

Senior Program Manager (Research)
MAMTA, Health Institute for Mother and Child

May. 2022 - Dec. 2022
New Delhi, India

Previously, I have worked as a "Senior Program Manager at research division" at MAMTA, Health Institute for Mother and Child, New Delhi. My work task, for current job is evaluating the various government program such as 'Center of Excellence Program (Uttar Pradesh center) for Adolescent and Youth', 'adolescent health program' and other schemes. Also, preparing the working reports, and research paper.

Officer, Learning & Impact
WISH Foundation

Sep. 2021 - May, 2022
Bhopal, India

Previously, I have worked as "Monitoring and Evaluation Officer" at State level. Currently, I am working under the *National Health Mission (NHM)*, Government of Madhya Pradesh. I am looking the various government program and project such as 'Health and Wellness Centre (HWCs)', 'Kayakalp', 'Non- Communicable Diseases Intervention Program' and 'Urban Health mapping'

Project Officer
International Institute for Population Sciences
Mumbai, India

Sep. 2016 - Aug. 2017

Project entitled "Unintended Pregnancy and Abortion in India" (UPAI)" conducted at 171 districts in six states (Assam, Bihar, Gujarat, Madhya Pradesh, Tamil Nadu and Uttar Pradesh) in India. The project was collaboration with Guttmacher Institute, USA and Population Council, New Delhi.

SKILLS AND ABILITIES

Computer and Software: Expertise in Statistical software STATA, SPSS, Geo-Da, Atlas-Ti, CS-Pro, high proficiency in Excel, Computer application and MS Office.

Research and Analytical Skills: Large Scale Sample Survey data handling like Demographic Health Survey (DHS), National Sample Survey, WHO-SAGE, etc. Literature Review, Systematic Review, Research Design Meta-analysis.

Professional Skills: Monitoring and Evaluation, Tools of Public Policy & Implementation, Health Policy and Project brief, Report Writing and Factsheet preparation.

Dr. Rahul Rajak

Delhi, India



21.08.2023