



Ismail Haque, PhD

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Ismail Haque is an Assistant Professor at the Department of Geography, Faculty of Sciences, Jamia Millia Islamia, New Delhi. An alumnus from Jawaharlal Nehru University, he completed his doctoral studies from the Centre for the Study of Regional Development (CSRD), JNU in 2022. He joined the Department of Geography (JMI) as Assistant Professor in April 2023. Currently he is also serving as *Visiting Fellow (Honorary)* at the Impact and Policy Research Institute (IMPRI), New Delhi.

He has five years of experience working with various prestigious policy think tanks in India and was engaged in diverse assignments related to contemporary urbanization, population and development issues in the cities of Global South.

His current research interests are interdisciplinary more broadly in the area of urban socio-economic geography and spatial demographic research, and specifically in the field of sustainable urban development and inclusive cities, urban housing and its socio-political dimensions, spatial aspects of neighbourhood inequality/urban segregation, spatial demography, including geospatial data modelling and research methods.

Dr. Haque has published several research papers as lead and co-author in internationally reputed scientific journals including *Journal of Biosocial Science*, *Habitat International*, *Spatial Demography*, and *Spatial and Spatio-temporal Epidemiology*. He received three prestigious travel awards to attend international conferences in abroad: *The 3rd Asian Population Association (APA) Conference 2015 (Kualalumpur, Malaysia)*; *International Geographical Congress (IGC) 2016 (Beijing, China)*; *4th Asian Population Association (APA) Conference 2018 (Shanghai, China)*. He completed his B.Sc. in Geography with English and Economics from Dumkal College, University of Kalyani (2010) and M.Sc. in Geography from Aliah University, Kolkata (2012).



ACADEMIC DETAILS

- 2022 **PhD** in Regional Development (Population Studies)
Centre for the Study of Regional Development, School of Social Sciences, Jawaharlal Nehru University, New Delhi – 110067, India
Title of the thesis: '*Housing Preferences and Search Practices among Tenants in Kolkata*'
- 2016 **M.Phil** in Regional Development (Population Studies)
Centre for the Study of Regional Development, School of Social Sciences, Jawaharlal Nehru University, New Delhi – 110067, India
Title of the dissertation: '*Urban growth dynamics, infrastructure development and functional diversification of Class-I cities in West Bengal: A spatio-temporal analysis*'
Marks: 77.50% [First Class]
- 2013 **Bachelor of Education (B.Ed)** in Geography
University of Kalyani, Nadia- 741235, West Bengal, India
Marks: 61% [First Class]
- 2012 **Master of Science (M.Sc)** in Geography with specialization in Urban Planning
Aliah University, New Town, Kolkata- 700156, West Bengal, India
Marks: 74.58% [First Class, 2nd Rank]
- 2010 **Bachelor of Science (B.Sc)** Honors in Geography
Dumkal College, University of Kalyani, Nadia- 741235, West Bengal, India
Marks: 64.12% [First Class]

RESEARCH EXPERIENCE

- 3rd February
2020 to 17th
April 2023
- Fellow**
Indian Council for Research on International Economic Relations (ICRIER)
Plot No. 16-17, Sector-6, Pushp Vihar Institutional Area,
Saket, New Delhi- 110017

Project- IV (ongoing):Policy Landscape for Transition Towards Carbon Neutral Steel Sector

Funding Agency: International Sustainable Energy Foundation (ISEF)

PI: Dr Amrita Goldar

Responsibilities: Concept note development, proposal writing, desk review, data analysis and writing a policy brief.

Project- III:Retrofitting Cities in the Global South: Achieving Low-Carbon Pathways with Bolstering Municipal Finances in G20 countries (completed)

Funding Agency: ADBI



PI: Dr Amrita Goldar

Responsibilities: Desk review, data analysis and writing a policy brief.

Project- II: Research and disseminate information on Urban Indias' affordable housing challenges (completed)

Funding Agency: Ford Foundation

PI: Dr. Debarpita Roy & Dr. Amrita Goldar

Responsibilities: Development of concept note, proposal writing and budgeting, methodology development, survey design and conducting primary field work, stakeholder consultations, preparation of knowledge product and Policy briefs and organizing dissemination workshop.

Project- I: Sustainable Urban Development and Smart Cities (SUD-SC) (completed)

Funding agency : GIZ India

PI : Dr. Amrita Goldar

Responsibilities: Preparation of inception report and monthly progress reports, presenting quarterly outputs in all grantee meeting, developing survey methodology and executing extensive field work in studied cities (Bhubaneswar and Kochi), preparation of training module and knowledge products.

April 2019 to
January 2020

Research Associate (MEL & Knowledge Management)

Swasti- The Health Catalyst, New Delhi, India

Project: [Learning for impact \(L4i\)](#)

Funding Agency: USAID/India health office

PI: Dr. Angela Chowdhury

Responsibilities: Providing all kind of technical and research input in generating evidence based actionable database from large scale survey data (NFHS/NSS/Population Census); developing monitoring and evaluation tools for RMNCH service uptakes among vulnerable groups in aspirational districts; doing various advanced statistical modelling, GIS mapping, data visualization, and among others.

June 2018 to
April 2019

Research Consultant

Impact and Policy Research Institute, Saket, New Delhi- 110017

Project: Where will the city-maker stay? A study of housing and living conditions of informal workers in Delhi and Ranchi

Funding Agency: ActionAid, New Delhi

PI: Dr. Arjun Kumar

Responsibilities: Data Analysis, Mapping and Writing



PUBLICATIONS

Peer-reviewed Journals' Articles/Working Papers

- 2022 **Haque, I.**, Kotal, M., & Meera ML. Demystifying the challenges of low-income housing delivery in urban India: The case of Delhi, ICRIER Working Paper No. 412. http://icrier.org/pdf/Working_Paper_412.pdf
- 2021 **Haque, I.**, Das, DN, Patel, PP and Md. Hasnine. Towards an enhanced understanding of caste-based residential segregation in Indian Cities: Reflection from Kolkata and Bengaluru, *Spatial Demography*, April 2021. DOI: [10.1007/s40980-021-00085-8](https://doi.org/10.1007/s40980-021-00085-8), Publisher: Springer.
- 2020 Kashif, I., Sahana, M., Rana, MJ, **Haque, I.**, Patel, P.P., & Pramanik, M. A district-level susceptibility and vulnerability assessment of the COVID-19 pandemic's footprint in India, *Spatial and Spatio-temporal Epidemiology (Elsevier)*, Vol. 36, <https://doi.org/10.1016/j.sste.2020.100390>.
- 2020 **Haque, I.**, Rana MJ and Patel, PP. Location Matters: Unravelling the spatial dimensions of neighbourhood level Housing Quality in Kolkata, India, *Habitat International (Elsevier)*, Vol.99. doi.org/10.1016/j.habitatint.2020.102157
- 2019 **Haque, I.**, Das, DN and Patel, P.P. Reading the Geography of India's district level fertility differentials: A spatial econometric approach, *Journal of Biosocial Science (Cambridge University Press)*, Vol. 51, No.5, pp 745-774. doi:10.1017/S0021932019000087
- 2018 **Haque, I.**, Das, D.N., and Patel, P.P. Spatial Segregation in Indian Cities: Does the City Size Matter? *Environment and Urbanization ASIA*, Vol. 9, No. 1, pp 52-68, First published on 14th March 2018. DOI: 10.1177/0975425317749657. Publisher: SAGE
- 2017 **Haque, I.**, and Patel, P.P. Growth of Metro Cities in India: Trends, Patterns, and Determinants. *Urban Research and Practice*, Vol. 11, No. 4, pp 338-377, First published on 3rd July 2017. DOI: 10.1080/17535069.2017.1344727. Publisher: Taylor & Francis Group
- 2016 **Haque, I.** Discriminated Urban Spaces: A Study of Spatial Segregation in Urban West Bengal. *Economic and Political Weekly*, Vol. 51, No. 46, pp 41-50, Published on 12th November 2016.
- 2016 **Haque, I.** Infrastructure Development and Access to Basic Amenities in Class-I Cities



- of West Bengal, India: Insights from Census Data. *Journal of Infrastructure Development*, Vol. 8, No. 1, Article 3, PP- 36-84, First published on June 16, 2016. DOI: 10.1177/0974930616640089, Publisher: SAGE.
- 2016 **Haque, I.**, and Patel, PP. Assessing Hindu-Muslim Fertility Differentials in West Bengal: Insights from the National Family Health Survey-3 Data. *Journal of Family History*, Vol.41, No.2, Article 7, PP-192-224, First published on March 3, 2016.DOI: 10.1177/0363199016635216, Publisher: SAGE.
- 2015 **Haque, I.**, and Patel, PP. Socioeconomic and Cultural Differentials of Contraceptive Usage in West Bengal: Evidence from National Family Health Survey Data. *Journal of Family History*, Vol.40, No.2, Article 6, PP-230-249, First published on 24th February, 2015.DOI: 10.1177/0363199015572753, Publisher: SAGE.

Book Chapters

- 2023 **Haque, I.** and Rana, M.J. Fertility Differentials in India. Chapter in a book “*An Atlas of Gender Inequalities in Health in India*” edited by Christophe Z Guilmoto and Nandita Saikia [Forthcoming]
- 2022 **Haque, I.**, Das, DN, and Patel, PP.Housing poverty in Kolkata: Can Rental market reforms be the viable solution? in Banerjee, S (Eds.) “*Kolkata- The Colonial City in Transition: Reflections in Geographies of Urban India*”, Routledge publication.<https://www.taylorfrancis.com/chapters/edit/10.4324/9781003205968-7/housing-poverty-kolkata-ismail-haque-dipendra-nath-das-priyank-pravin-patel>

Special Report/Policy Brief/Policy Series

- 2023 **Haque, I.**, & Kotal, M. *Retrofitting Cities in the Global South: Achieving Low-Carbon Pathways by Bolstering Municipal Finances in G20 Countries*. Asian Development Bank. Philippines. Retrieved from <https://www.adb.org/publications/retrofitting-cities-in-the-global-south-achieving-low-carbon-pathways-by-bolstering-municipal-finances-in-g20-countries>
- 2022 Roy, D., Meera, M.L., **Haque, I.** &Gupta, E.*Institutional provisioning ofaffordable rental housing in urban India:Past experiences and way forward*, ICRIER Policy Series.



http://icrier.org/pdf/Rental-policy-series_261222.pdf

- 2019 **Haque, I.**, Mehta, S. and Kumar, A. *Towards sustainable and inclusive cities: The case of Kolkata*, ORF Special Report No.83, March 2019, Observer Research Foundation, New Delhi. First published on 14th March 2019.
<https://www.orfonline.org/research/towards-sustainable-and-inclusive-cities-the-case-of-kolkata-48992/>

This report was published as the outcome of a collaborative workshop on smart cities held in Kolkata, 27–28 November 2018, by Heidelberg University, Observer Research Foundation and the School of Planning and Architecture (New Delhi), in Collaboration with IIT Kharagpur, Impact and Policy Research Institute (IMPRI), University of Calcutta and the Indo-German Chamber of Commerce. This publication was supported by the Friedrich Naumann Stiftung für die Freiheit.

Interactive Dashboard/Training Modules

- 2021 National Urban Learning Platform (NULP), National Institute of Urban Affairs (MoHUA, Govt. of India).
Module-05: Informal Housing Supply Continuum in Indian Cities
This training module was developed as a part of the Integrated Housing Strategy and Innovations in Delivery of Affordable Housing in Different Submarkets
Jointly prepared by: CRDF (CEPT University) and India Council for Research on International Economic Relations (ICRIER), supported by GIZ India.
Available at: https://nulp.niua.org/explore-course/course/do_1133236394498211841304

Short Communications/Op-eds

- 4th **Haque, I.**, Kotal, M., & Meera ML. Demystifying the challenges of low-income housing delivery in urban India: The case of Delhi. *Hindustan Times*. https://www.hindustantimes.com/ht-insight/demystifying-the-challenges-of-low-income-housing-delivery-the-case-of-delhi-101672819983011.html?utm_source
- January, 2023
- 10th **Haque, I.** Model Tenancy Act and its implications for unregulated private rental housing market. *Counterview*. <https://counterview.org/2022/03/10/model-tenancy-act-and-its-implications-for-unregulated-private-rental-housing-market/>
- March 2022
- 21st **Haque, I.** Union budget 2022-23: What is the store for rapidly expanding urban
- February



- 2022 sector? *Counterview*. <https://counterview.org/2022/02/21/union-budget-2022-23-what-is-the-store-for-rapidly-expanding-urban-sector/>
- 22nd **Haque, I.** The Covid-19 outbreaks in India: Geographic trajectories and districts vulnerability. *ICRIER WordPress*. <https://icrierclimatechange.wordpress.com/2020/06/22/the-covid-19-outbreaks-in-india-geographic-trajectories-and-districts-vulnerability/>
- June 2020 **Haque, I.** Housing for all 2022: Progress and performance. *ICRIER WordPress*. <https://icrierclimatechange.wordpress.com/2020/04/07/housing-for-all-2022-progress-and-performance/>

CONFERENCE PRESENTATIONS

- 2023 **Haque, I.** “*Intricacies of low-income housing delivery in Delhi- A mixed method study*” at the 42nd Annual Conference on Industrialization, Migration and Urbanization, organized by the Centre for Urban Economic Studies (CUES), Department of Economics, University of Calcutta, January 18, 2023.
- 2023 **Haque, I., Kotal, M.& Meera ML.** “*Delayed Allotment, Denied Housing! Unravelling the challenges of low-income housing delivery in Delhi*” at the IIHS Annual Research Conference – Urban Arc – Cities in Flux, organized by the Indian Institute for Human Settlements (IIHS), Bangalore, January 12-14, 2023.
- 2022 **Haque, I. & Das, D.N.** “*Informal rental housing in Kolkata: Dynamic but a much neglected housing option for the Urban Poor*” at the Annual Research on Cities Summit (ARCS 6.0) – International Conference on Urban Green Transitions: Decoding Opportunities and Challenges, organized by the School of Human Settlements, [XIM University Bhubaneswar](http://www.xim.edu), February 10-12, 2022.
- 2018 **Haque, I.** “*Geography matters: Exploring the spatial dimensions of neighborhood-scale housing quality in Kolkata*” at the Indo-German Smart Cities Workshop on Sustainable Urban Development held at Radisson Kolkata Ballygunge, West Bengal, India on 27th to 28th November 2018.
- 2018 **Haque, I.** “*Understanding standard of living and Its correlates in Ranchi: Insights from neighborhood level census data*” at the Indo-German Smart Cities Workshop on Sustainable Urban Development held at Radisson Blu Hotel, Ranchi, Jharkhand, India on 19th to 20th November 2018.
- 2018 **Haque, I.** “*Location matters: Unravelling the spatial dimensions of neighborhood level housing quality in Kolkata (India)*” at the 4th Asian Population Association Conference (APAC) held at Shanghai University, Shanghai, China on 11th to 14th July 2018.



- 2017 **Haque, I.** *“Inequality in access to quality housing in Kolkata: A micro level spatial analysis using Geographically Weighted Regression”* at the 9th Biennial International Conference of Indian Society for Ecological Economics (INSEE) held at Kerala Institute of Local Administration (KILA), Thrissur, Kerala on 8th to 10th November 2017.
- 2016 **Haque, I.** *“Discriminated Urban Spaces- A Study of Spatial Segregation in Urban West Bengal, India”* at the 33rd International Geographical Congress held at the China National Convention Centre (CNCC), Beijing, China on 21st to 25th August 2016.
- 2016 **Haque, I.** *“Utilization of ‘Leftover’ Spaces Subsequent to Flyover Construction and Socio-Economic Aspects of Residents below Them-Evidences from Kolkata”* at the 9th International Geographical Union Conference organized by Shaheed Bhagat Singh College, University of Delhi held at the Paintal Memorial Golden Jubilee Auditorium, Sardar Vallabh Bhai Patel Chest Institute, New Delhi on 18th to 20th March, 2016.
- 2015 **Haque, I.** *“Explaining Socio-Economic and Cultural Differentials of Contraceptive Usage in West Bengal, India”* at the 3rd Asian Population Association Conference held at the Berjaya Times Square Hotel, Kuala Lumpur, Malaysia on 27th to 30th July, 2015.
- 2015 **Haque, I.** *“Growth of Metro Cities in India: Trends, Patterns and Determinants”* at the ‘Census Data Dissemination Workshop’ held at the G.B. Pant Social Science Institute, University of Allahabad, Jhusi, Allahabad, India on 27th February, 2015, jointly organized by University of Allahabad, G.B. Pant Social Science Institute and Directorate of Census Operation, Ministry of Home Affairs, Uttar Pradesh and sponsored and funded by UNICEF.
- 2013 **Haque, I. & Patel, P.P.** *“Space Utilisation Around Flyovers in Kolkata – A Sustainable Approach”* at UGC sponsored National Seminar on “Inclusive Growth and Sustainability” held at Berhampore College Berhampore from 11-12 April, 2013, organised by Dept. of Economics & Geography, Berhampore College and Dept. of Geography, Dumkal College.

WORKSHOPS PARTICIPATED

- 2019 **Participated in workshop on ‘Mapping Gender Discrimination in India’** hosted by Centre des Sciences Humaines (CSH) and Jawaharlal Nehru University, in preparation of ‘An Atlas of Gender Inequalities in Health in India’, under a project directed by Christophe Z Guilmoto and Prof. Nandita Saikia and funded by the French Institut De Genre with additional support from Jawaharlal Nehru University, Centre des Sciences Humaines (CSH), and CEPED, held on 16-17 December 2019, at CSH in New Delhi.



- 2015 **Participated in workshop on “Introduction to R”** at JNU, New Delhi, organized by Centre for the Study of Regional Development, School of Social Sciences, Jawaharlal Nehru University, India from 23-25 March 2015

DELIVERED SPECIAL LECTURES

- 2023 **A Two-Months long immersive online Hands-On Training on Data, Monitoring and Evaluation - Day 8: *Spatial Data Analysis: Introduction to GIS and Visualization***, July 22, 4:30-5:30 pm at Impact and Policy Research Institute (IMPRI), New Delhi.
- 2022 **P2P Seminar Series - Session 7: Spatial Research & GIS Introductory Techniques**, June 23, 2-3 pm, at ICRIER, New Delhi.
- 2022 **6 Weeks Hands-On Training on Data Analytics for Policy Research - Day 2: Introduction to GIS, Mapping and Visualization of Geocoded Data**, October 22, 4:30-5:30 pm at Impact and Policy Research Institute (IMPRI), New Delhi.
- 2022 **Special Lecture on Inclusive Cities at SPA New Delhi**
Building Inclusive Cities: Tackling Socio-Spatial Inequality and Segregation in the Urban, December 7, 2022, 11am-1pm at School of Planning and Architecture (SPA), New Delhi.

ACHIEVEMENTS: DISTINCTIONS, SCHOLARSHIPS, AND AWARDS

- 2018 **Received Friedrich Naumann Foundation’s Travel Grant** to attend the ‘Indo-German Smart City Workshop on Sustainable Urban Development’ held in Ranchi (19-20 Nov 2018) and in Kolkata (27-28 Nov 2018).
- 2018 **Received Asian Population Association’s Travel Grant** to attend the 4th Asian Population Association Conference (APAC) held at Shanghai University, China, 11-14 July 2018.
- 2016 **Received Indian Council of Social Science Research (ICSSR) Travel Grant** to attend the 33rd International Geographical Congress held at Beijing, PR China, 21-25 August 2016



- 2015 **Received 2nd Best Paper Award** worth INR 40,000/- for presenting paper on “*Growth of Metro Cities in India: Trends, Patterns and Determinants*” at the ‘Census Data Dissemination Workshop’ jointly organized by University of Allahabad, G.B. Pant Social Science Institute and Directorate of Census Operation, Ministry of Home Affairs, Uttar Pradesh and sponsored and funded by UNICEF, held on 27 February 2015 at GB Pant Social Science Institute, Jhusi, Allahabad, Uttar Pradesh, India
- 2014 **Qualified for the L.S. (Lectureship Award)** through the National Eligibility Test (NET) conducted by University Grant Commissions (UGC) on 29th June, 2014 in Population Studies
- 2013 **Qualified for the L.S. (Lectureship Award)** through the National Eligibility Test (NET) conducted by University Grant Commissions (UGC) on 29th December, 2013 in Geography and received the Junior Research Fellowship (JRF) Award
- 2013 **Received UGC Non-NET Fellowship** from 8th August, 2013 to 21st July 2014 for perusal of M.Phil. at CSRD/SSS, JNU
- 2013 **Qualified for the L.S (Lectureship Award)** through the State Eligibility Test (SET) conducted by West Bengal College Service Commissions (WBCSC), Govt. Of West Bengal on 16th December, 2013 in Geography

MEMBERSHIP OF PROFESSIONAL ORGANIZATIONS

International Union for the Scientific Study of Population [IUSSP]
Asian Population Association [APA]

PAPER REVIEWED FOR THE ACADEMIC JOURNALS

Habitat International
British Journal of Sociology
Water Resource Management
Human Fertility
Child and Youth Services
Spatial Demography
Journal of Population Research
GeoJournal
Du Bois Review: Social Science Research on Race



MENTIONS IN MEDIA

Demystifying the challenges of low-income housing delivery in urban India: The case of Delhi.

Hindustan Times: https://www.hindustantimes.com/ht-insight/demystifying-the-challenges-of-low-income-housing-delivery-the-case-of-delhi-101672819983011.html?utm_source

Most districts in states like WB, MP, Gujarat more vulnerable to COVID-19: Study

Economic Times: https://economictimes.indiatimes.com/news/politics-and-nation/most-districts-in-states-like-wb-mp-gujarat-more-vulnerable-to-covid-19-study/articleshow/75715755.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst

Times of India: <https://timesofindia.indiatimes.com/india/Most-districts-in-states-like-West-Bengal-Madhya-Pradesh-Gujarat-more-vulnerable-to-Covid-19-Study/articleshow/75715385.cms>

(Accessed: 13th May 2020)

Kashmir Image: <https://thekashmirimages.com/2020/05/14/most-districts-in-states-like-wb-mp-gujarat-more-vulnerable-to-covid-19-study/>

Maktoob: <https://maktoobmedia.com/2020/05/13/majority-of-districts-in-bihar-bengal-mp-gujarat-most-vulnerable-to-covid-19-claims-study/>

TV9 Telegu: <https://tv9telugu.com/latest-news/most-districts-in-states-like-wb-mp-gujarat-more-vulnerable-to-covid-19-study-242415.html>

LANGUAGES

Languages	Reading	Writing	Listening	Speaking
Bangla	Native	Native	Native	Native
English	Proficient	Proficient	Proficient	Proficient
Hindi	Basic	Basic	Proficient	Proficient

EXPERTISE AND SKILLS

Sustainable urban development and inclusive cities
 Urban housing, spatial dimension of neighbourhood inequality
 Residential segregation, spatial demography
 Quantitative statistical analysis
 Large scale data management
 Research and exploration based on modelling
 Spatial analysis

Technical Skills:

Data Entry	Microsoft Excel
Data Analysis	Advanced STATA, SPSS, Microsoft Excel
Data Analytical Programming Language	R



Geographical Mapping/Spatial
Econometric modelling

ArcGIS, QGIS, and GWR, MGWR, GeoDa

I hereby attest that the above information is correct, to the best of my knowledge.

(Dr. Ismail Haque)

डॉ. इस्माइल हक / Dr. Ismail Haque
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भूगोल विभाग / Department of Geography
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