

Academic Curriculum Vitae

PERSONAL DATA

Name: Moradhvaj Dhakad [\[ORCID\]](#)
Address: International Institute for Applied Systems Analysis (IIASA)
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Email: moradhvaj@iiasa.ac.at moradhvajiiips@gmail.com
Phone +91 9971851507

WORK EXPERIENCE

Current	Guest Research Scholar
- JAN 2024	<i>Internation Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria</i> <i>Vienna Institute of Demography (VID) of the Austrian Academy of Sciences, Vienna, Austria</i>
DEC 2023	Postdoctoral researcher
-May 2023	<i>Department of Demography of the University of Vienna, Austria</i>
May 2023	Research Scholar
-NOV 2022	<i>Applied Systems Analysis (IIASA), Laxenburg, Austria</i>
SEP 2022	Research Scientist
-SEP 2020	<i>Vienna Institute of Demography (VID) of the Austrian Academy of Sciences, Vienna, Austria</i>
FEB 2019	Research Associate
-NOV 2018	<i>Jawaharlal Nehru university (JNU), New Delhi, funded by UNFPA, India</i>

Further Professional Experiences

Projects/Consultancies

AUG 2019	Young Scientist Sumner Program (YSSP) at World Population Program Project,
JUN 2019-	Title: Education or economic status? Comparing their relative effect on prime-age adult mortality in India using longitudinal survey data <i>World Population Program, Internation Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria</i>
AUG 2018	Research Consultant
JUL 2018-	<i>International Center Research on Women (ICRW), Delhi</i>
MAY 2016	Research Consultant
AUG 2016-	<i>International Center Research on Women (ICRW), Delhi</i>

Internship

AUG 2013	Summer Internship
JUN 2013-	Ministry of Statistics & Program Implementation, National Sample Survey Office (NSSO), Jaipur, Government of India

Community service

Since 2024	Associate Managing Editor: Demography India Journal
REVIEWER	PLOS ONE, Journal of Population Research, EPW, Asian Population Association, Asian Population Studies, Health Economics Review, Journal of Population Research
JUL 2025	Discussants for Session##127: Measuring mortality in low and middle-income countries, at 30th International Population Conference (IPC 2025) in Brisbane, Australia
DEC 2010	Completed National Service Scheme (NSS), Jaipur, Rajasthan

Education

DEC 2021	Doctoral Degree in Population Studies
JUL 2016	<i>Jawaharlal Nehru University, New Delhi, India</i>
Thesis Title	Changing Adult Mortality in India: Socio-Economic and Subnational Patterns Award Date: 13/12/2021
JUL 2016	Master of Philosophy Degree in in Population Studies
JUL 2014-	<i>Jawaharlal Nehru University, New Delhi, India</i>
Thesis Title	Gender Disparities in Intra-Household Health Care Financing: Empirical Evidence from India
May 2014	Master's Degree in Population Studies
JUL 2012-	<i>International Institute for Population Sciences, Mumbai, India</i>
Dissertation title	Pattern and Correlates of Health Care Utilization and Expenditure among Adults in India
JUN 2012	Bachelor's Degree in Statistics, Geography, History,
JUL 2009-	<i>University of Rajasthan, Jaipur, India</i>

FULL LIST OF PUBLICATIONS

BOOKS PUBLISHED

1. **Moradhvaj Dhakad** and Nandita Saikia (2023). *Adult Mortality in India: Trends, Socioeconomic Disparities*. Springer Nature, Sustainable Development Goals Series. Springer. <https://doi.org/10.1007/978-981-99-0002-2>. eBook ISBN978-981-99-0002-2, Series E-ISSN2523-3092

SCIENTIFIC JOURNALS

2. **Moradhvaj** and Samir, K. C. (2023). Differential impact of maternal education on under-five mortality in rural and urban India. *Health & Place*, 80, 102987. <https://doi.org/10.1016/j.healthplace.2023.102987> ISSN 1353-8292
3. Samir, K. C. & **Dhakad, Moradhvaj**. (2023). Impact of the COVID-19 pandemic on the age-sex pattern of COVID-19 deaths in India. *Asian Population Studies*, 19(2), 148-167. <https://doi.org/10.1080/17441730.2023.2193077> ISSN 17441730, 17441749
4. Goli, S., **Dhakad, Moradhvaj**., James, K. S., Singh, D., & Srinivasan, V. (2021). Road to family planning and RMNCHN related SDGs: Tracing the role of public health spending in India. *Global Public Health*, 16(4), 546-562. DOI: [10.1080/17441692.2020.1809692](https://doi.org/10.1080/17441692.2020.1809692). CiteScore=3.4 Print ISSN: 1744-1692 Online ISSN: 1744-1706
5. Goli, S., **Moradhvaj**, Pradhan, J., & Reja, T. (2021). The unending burden of high out-of-pocket expenditure on institutional deliveries in India. *Public Health*, 193, 43-47. DOI: [10.1016/j.puhe.2021.01.029](https://doi.org/10.1016/j.puhe.2021.01.029) Online ISSN: 1476-5616; Print ISSN: 0033-3506.
6. **Moradhvaj** and Saikia, N. (2019). Gender disparities in health care expenditures and financing strategies (HCFS) for inpatient care in India. *SSM-population health*, 9, 100372. ISSN 2352-8273. <https://doi.org/10.1016/j.ssmph.2019.100372>
7. Goli, S., **Moradhvaj**, Chakravorty, S., & Rammohan, A. (2019). World health status 1950-2015: Converging or diverging. *PloS one*, 14(3), e0213139. <https://doi.org/10.1371/journal.pone.0213139> ISSN (e) 1932-6203. Cites core=5.5 in 2021.
8. Saikia, N., **Moradhvaj**, Saha, A., & Chutia, U. (2019). Actual and ideal fertility differential among natives, immigrants, and descendants of immigrants in a northeastern state of India. *Population, Space and Place*, 25(4), e2238. <https://doi.org/10.1002/psp.2238> Online ISSN:1544-8452, Print ISSN:1544-8444, SJR score=1.4
9. Goli, S., Maurya, N. K., **Moradhvaj**, & Bhandari, P. (2019). Regional Differentials in Multidimensional Poverty in Nepal: Rethinking Dimensions and Method of Computation. *Sage Open*, 9(1), 2158244019837458. <https://doi.org/10.1177/2158244019837458> ISSN 2158-2440 (Online) SJR score=0.4
10. Goli, S., Rammohan, A., & **Moradhvaj**. (2018). Out-of-pocket expenditure on maternity care for hospital births in Uttar Pradesh, India. *Health economics review*, 8, 1-16. doi: [10.1186/s13561-018-0189-3](https://doi.org/10.1186/s13561-018-0189-3) ISSN: 2191-1991 (electronic) SJR score=0.8

11. Goli, S., **Moradhvaj**, Rammohan, A., & Pradhan, J. (2016). High spending on maternity care in India: What are the factors explaining it?. *PloS one*, 11(6), e0156437. doi: 10.1371/journal.pone.0156437 ISSN (e) 1932-6203. Cites core=5.5 in 2021.
12. Saikia, N., **Moradhvaj** & Bora, J. K. (2016). Gender difference in health-care expenditure: evidence from India human development survey. *PloS one*, 11(7), e0158332. DOI: [10.1371/journal.pone.0158332](https://doi.org/10.1371/journal.pone.0158332) ISSN (e) 1932-6203.
13. Yadav, J., Devi, S., Singh, M. N., & Manchanda, N. Moradhvaj (2022). Health care utilization and expenditure inequities in India: Benefit incidence analysis. *Clinical Epidemiology and Global Health*, 101053. <https://doi.org/10.1016/j.cegh.2022.101053> Print ISSN: 2452-0918 Online ISSN: 2213-3984 SJR score=0.4

BOOK CHAPTERS

14. **Moradhvaj Dhakad**. (2023). Diabetes and Hypertension Among Indian Women. In: Guilмото, C.Z. (eds) Atlas of Gender and Health Inequalities in India. Demographic Transformation and Socio-Economic Development, vol 16. Springer, Cham. https://doi.org/10.1007/978-3-031-47847-5_4; ISSN (Online) 2534-0068; ISBN (Online) 978-3-031-47847-5

RESEARCH REPORTS

15. Education or economic status? Comparing their relative effect on prime-age adult mortality in India using longitudinal survey data. 2119. With Wolfgang Lutz and Erich Striessnig. IIASA Young Scientists Summer Program (YSSP) Report, Laxenburg, Austria

WORKING PAPERS/PREPRINT

16. KC, S., **Dhakad, M.**, Potančoková, M., Adhikari, S., Yildiz, D., Mamolo, M., ... & Goujon, A. (2024). Updating the Shared Socioeconomic Pathways (SSPs) Global Population and Human Capital Projections. I IIASA Working Paper. Laxenburg, Austria: WP-24-003 <https://pure.iiasa.ac.at/id/eprint/19487/>
17. **Dhakad, M.**, & KC, S. (2024). Mortality differentials by educational attainment globally (No. 02/2024). Vienna Institute of Demography, Austrian Academy of Sciences Working Papers. <https://www.econstor.eu/bitstream/10419/304436/1/1905502532.pdf>
18. **Moradhvaj, M.**, Yildiz, D., & KC, S. (2023). The Role of Maternal Education in Reducing Excess Deaths among Girls in India. *IIASA Working Paper*. Laxenburg, Austria: WP-23-006. <https://pure.iiasa.ac.at/id/eprint/18831/1/WP-23-006.pdf> (revised submitted in *Population Studies*).
19. Saikia, N., & **Moradhvaj, M.** (2020). *Socioeconomic patterns and determinants of adult mortality due to external-causes in India: Analysis of nationally-representative, population-based survey data* (No. 04/2020). Vienna Institute of Demography Working Papers. <https://www.econstor.eu/bitstream/10419/247162/1/WP2020-04.pdf>

20. Srivastava, A., Tamrakar, V., Moradhvaj, Akhtar, S. N., Kumar, K., Saini, T. C., ... & Saikia, N. (2020). Geographical Variation in COVID-19 Cases, Prevalence, Recovery and Fatality Rate by Phase of National Lockdown in India, March 14-May 29, 2020. *medRxiv*, 2020-06. <https://www.medrxiv.org/content/10.1101/2020.06.04.20122028v1.full.pdf>

SCIENTIFIC DATA

K.C., S., Dhakad, M. , Potančoková, M. , Adhikari, S., Yildiz, D. , Mamolo, M., Sobotka, T., Zeman, K., Abel, G. , Lutz, W. , & Goujon, A. Wittgenstein Centre Human Capital Data Explorer. <https://dataexplorer.wittgensteincentre.org/wcde-v3/>

Forthcoming/Under review papers

1. **Moradhvaj Dhakad**, Erich Stressing, Nandita Saikia, Samir KC and Wolfgang Lutz. Education reduces prime-age adult mortality in India more than wealth (Received first reviews from PNAS).
2. **Moradhvaj Dhakad** and Nandita Saikia. Trend and Socio-economic Disparity in Adult Mortality in India: Evidence from the Demographic Health Surveys with Nandita Saikia, revised submitted in *Demographic Research*

AWARDS & RESEARCH GRANT/FELLOWSHIPS

Major Research Grant

1. **Marie Skłodowska-Curie Actions (MSCA-PF) Postdoctoral Research Grant Award, 2025 [Highly Prestigious]**
Awarded by European Commission, Horizon Europe
Host Institution: Max Planck Institute for Demographic Research, Germany.
Dates: November 2025 – October 2027.
 - Prestigious and Highly competitive EU-funded Research Grant supporting independent postdoctoral research.

Best Research Paper Award

2. Best research paper (Title: Education or economic status? Comparing their relative effect on prime age adult death in India using longitudinal survey) award at the Second Asian Population Forum by the Asian Demographic Research Institute (ADRI) at Shanghai University, the headquarters of the Asian MetaCentre and was held between 11-12 October 2019, Shanghai, China

Internation Fellowship Award

3. Fellowship Awarded by Asian Demographic Research Institute (ADRI) to attend the Third Asian Population Forum on Population projections and socioeconomic, environmental, and climate change analysis on Oct. 31 and Nov. 1, 2023, and the related training workshop on “Multidimensional and multiscale demographic modeling for environmental and climate change scenario development”, at Shanghai University, 25-30 October, 2023
4. Fellowship Awarded by IUSSP to Participate in the IUSSP Seminar on Lifespan Extension with Varying Cause-of-death Trajectories in European Societies, in Rauischholzhausen (Hessen), Germany, 11-13 February 2019
5. Fellowship Awarded by Asian Demographic Research Institute (ADRI) attend the 2nd Asian Population Forum held at Shanghai University, China Oct. 11-12, 2019
6. Fellowship Awarded by The European Commission and United Nation Economic Commission for Europe (UNECE) to Participate in Second international seminar on the Active Ageing Index, Bilbao, Spain, 27–28 September 2018.
7. Fellowship Awarded by IUSSP to participate in the IUSSP Short Course on Bayesian Small Area Estimation at 4th APA Conference, Shanghai, China, 10-11 July 2018.
8. Fellowship Awarded by the Program Committee to Participate in 10th World Congress of the World Society for Pediatric Infectious Diseases (WSPID 2017), Shenzhen, China, 2-5 December, 2017
9. Fellowship award by IUSSP to Participate in “Training Course on Bayesian Population Projections: Theory and Practice” Graduate School of Business, University of Cape Town, 28-29 October 2017
10. AHES Student Travel Scholarship awarded by Australian Health Economic Society (AHES) to Participate in 38th Annual Australian Health Economics Society Conference and 4th Australian Health Economic Doctoral Workshop, Fremantle, Australia, 28 September 2016

National Fellowship

11. Government of India and UGC (NET-JRF) Fellowship for pursuing MPhil-PhD Course in Jawaharlal Nehru University, New Delhi from 10 November 2014, 201 to 9 October 2019.
12. Government of India Fellowship for during the Master’s Course in International Institute for Population Sciences from 30 July 2012 to April 2014.

INVITED SPEAKER/RESOURCE PERSON

1. One week national-level online training on “Understanding Data Analysis and Advanced Modelling with Stata”, VART Research, Mumbai, **24-30 June 2025**.

2. The Third Asian Population Forum on Population Projections for Socioeconomic, Environmental, and Climate Change Analysis at Asian Demographic Research Institute (ADRI) of Shanghai, 31/10/2023 - 01/11/ 2023.
3. Invited as keynote speaker on adult mortality in India: Socio-economic and regional Disparities. Seminar organized by Kolhan University, Chaibasa. 8/08/2023
4. Invited in a conference, Population Dynamics in India, the World’s Most Populous Country”, organised by the Health and Demography Research Cluster of New York University - Abu Dhabi (NYUAD, United Arab Emirates), 10/05/2023 - 11/05/2023.
5. Workshop on “Analysis of the India Human Development Survey (IHDS) Data Using R Programming”, organized by VART Consulting, Mumbai held from Dec 16-18, 2023.

PAPER PRESENTED IN SEMINAR/CONFERENCES (PROVIDED SELECTED)

<i>S. No.</i>	<i>Co-author(s)</i>	<i>Year</i>	<i>Title of Paper</i>	<i>Conference</i>	<i>Organized by</i>
1	Moradhvaj Dhakad and Samir KC	December 06 – 07, 2023	Under-Five Mortality by Mothers’ Education Attainment Evidence from the DHS Countries	Wittgenstein Centre Conference 2023 “Exploring Population Heterogeneities conferences (International)	Austrian Academy of Sciences
2	Moradhvaj Dhakad and Samir KC	Oct. 31 and Nov. 1, 2023	The Global Mortality in the Wittgenstein Center’s (WIC) Projections	Third Asian Population Forum on Population projections and socioeconomic, environmental, and climate change analysis (International)	Asian Demographic Research Institute (ADRI) at Shanghai University from Oct. 24
3	Moradhvaj Dhakad	May 10-11, 2023	Adult Mortality in India by Caste and Class	Population Dynamics in India, the World’s Most Populous Country conference (International)	New York University, Abu Dhabi campus, Abu Dhabi, UAE
4	Samir KC and Moradhvaj	April 12-15, 2023	Population Heterogeneity Under SSPs at the Sub-National Level in India	Population Association of America Annual Meeting 2023, New Orleans, Louisiana, USA (International)	Population Association of America, New Orleans, Louisiana USA
5	Moradhvaj and Samir KC	April 12-15, 2023	Rural-Urban Differences in Under-Five Mortality by Mothers’ Education	Population Association of America Annual Meeting 2023, New Orleans, Louisiana, USA (International)	Population Association of America, New Orleans, Louisiana USA

6	Moradhvaj and Samir KC	23 August 2022	Impact of COVID-19 Pandemic on Morality in Asia: A Case Study of Age-Sex Pattern of COVID-19 Deaths in India	Asian Population Studies and the COVID-19 Crisis: Investigating Demographic Outcomes in a Pandemic, Singapore, (International)	Asia Research Institute, National University of Singapore, and the Asian Population Association, Singapore
7	Moradhvaj and Samir KC	5-10 December 2021;	Understand the Rural-Urban Patterns of Under-Five Mortality by Mother's Education in India: A Trend Analysis of Four National Family Health Surveys from 1992-92 to 2016-15	XXIX International Population Conference (IPC 2021[IUSSP]), India (International)	International Union for the Scientific Study of Population (IUSSP), India
8	Moradhvaj and Nandita Saikia	May 5-8, 2021	Changing Adult Mortality in India: Converging or Diverging	Population Association of America, May 5-8, 2021, Virtual mode, USA (International)	Population Association of America, USA
9	Moradhvaj, Wolfgang Lutz, Nandita Saikia	11-12 October 2019	Education and Economic Status comparing their relative effect on prime age adult death in India using longitudinal survey	2nd Asian Population Forum (International)	Asian Demographic Research Institute at Shanghai University, Shanghai, China.
10	Moradhvaj	11-13 February 2019	Decomposing Socioeconomic inequality in Adult Mortality	Lifespan extension with varying causes of death trajectories in European societies, Germany (International)	International Union for the Scientific Study of Population (IUSSP), Germany
11	Moradhvaj	December 10-12 2018	The effect of Prime age adult death on household consumption expenditure and income in India	Sixteenth Annual Conference of the Indian Association for Social Sciences and Health, New Delhi India (national)	IASH and JNU, New Delhi
12	Moradhvaj and Nandita Saikia	July 11-14, 2018	Gender Disparities in Health Care Financing Strategies for Inpatient Care in India	4th Asian Population Association (APA) Conference, to be held on at Shanghai University, China. (International)	Shanghai University and APA, China

13	Moradhvaj	September 27-28, 2018	Active Aging in India: Empirical Evidences from a National Representative Survey SAGE	"Second International Seminar on the Active Ageing Index", Bilbao, Spain (International)	The European Commission and UNECE, Spain
14	Moradhvaj and Nandita Saikia	October 28-29 to 4 November, 2017	Gender Disparity in Intra-Household Health Care Expenditure: Empirical Evidence from India	XXVIII International Population Conference (IPC 2017), Cape Town, South Africa (International)	IUSSP, South Africa
15	Moradhvaj	December 2-5, 2017.	Death Due To Diarrhoea Among Under Five Children: A Cross-National Study Of 174 Countries Of The World	10 th World Congress of the World Society for Paediatric Infectious Diseases (WSPID 2017), Shenzhen, China (International)	World Congress of the World Society for Paediatric Infectious Diseases, China
16	Moradhvaj	December 2-5, 2017.	Economic Burden Of Fever And Gender Disparities In Healthcare Expenditure For Treatment Of Fever Among Children In India	10 th World Congress of the World Society for Paediatric Infectious Diseases (WSPID 2017), Shenzhen, China (International)	World Congress of the World Society for Paediatric Infectious Diseases, China
17	Moradhvaj, Anu Rammohan, Srinivas Goli	26-27 September, 2016	Spending on Maternity Care for Hospital Births in Uttar Pradesh, India,	38th Annual Australian Health Economic Society Conference, Perth, Australia (International)	Annual Australian Health Economic Society, Australia
18	Moradhvaj	27-30 July, 2015	Catastrophic Payments and Impoverishment of Households due to Out-of-Pocket Health Spending: A study of SAGE-India	3 rd International Conference of Asian Population Association, Kuala Lumpur, Malaysia. (International)	Asian Population Association, Malaysia
19	Moradhvaj	27-30 July, 2015	Contribution of Public, Private and Traditional Health Care Providers in Health Care Utilization for Older Adults in India: an Analysis WHO-SAGE India	3 rd International Conference of Asian Population Association, Kuala Lumpur, Malaysia (International)	Asian Population Association, Malaysia

20	Moradhvaj and Nandita Saikia	7-9 December 2016	Gender Disparities in Health Care Financing Strategies for Hospitalization in India	37 th Annual Conference Indian Association for the Study of Population, New Delhi, India (National)	IASP, India
21	Moradhvaj and Nandita Saikia	15-17 December , 2016	Gender Disparity in Intra-Household Health Care Expenditure: Empirical Evidence from India	5 th Indian Health Economics and Policy Association, Kolkata, India (National)	5 th Indian Health Economics and Policy Association, India
22	Moradhvaj	16-18 March 2016	Gender Difference in Health-Care Expenditure: Evidence from India Human Development Survey	3 rd Indian Human Development Survey Conference, India (National)	NCAER Delhi and Maryland University, USA
23	Moradhvaj and Srinivas Goli	15-17 December , 2016	Spending on Maternity Care for Hospital Births in Uttar Pradesh, India	5 th Indian Health Economics and Policy Association, Kolkata, India (National)	Indian Health Economics and Policy Association (IHEPA), India
24	Moradhvaj and Nandita Saikia	6-7 April 2017	Gender Difference in Post-Neonatal Mortality by Type of Family in Rural South Asia”	International Seminar on Mortality Analysis and Forecasting, New Delhi, India. (International)	IUSSP, Max-Planck Odense Center on the Bio demography of Aging, CSRD JNU, India, Denmark,

Other trainings

2019:

1. Methods in developing sub-national population and human capital models and its application in development” during 13-17 October 2019 organized by Samir KC, Asian Demographic Research Institute, Shanghai University, Shanghai, China.
2. Workshop on “Introductory Statistics with R” at International Institute for Applied System Analysis, IIASA, Laxenburg, 28th June, 1st July, 2019
3. Short course on Causal Modeling, organized by Centre for Chronic Disease Control (CCDC), Public Health Foundation of India (PHFI) & Harvard T.H. Chan School of Public Health (HSPH) from 6-10, May 2019 at *PHFI Gurgaon*.
4. Training workshop on Publishing in Academic Journals: Tips to help you succeed, Taylor & Francis Group, JNU, Central Library JNU, New Delhi.

2018:

1. Bayesian Small Area Estimation using Complex Survey Data: Methods and Applications, July 10-11, Shanghai University, China.

2. 16th Annual Workshop on Advanced Methods in Large Scale Data Analysis, IASSH Pre conference workshop, JNU New Delhi.

2017

1. Training Course on Bayesian Population Projection: Theory and Practice, *Graduate School of Business, University of Cape Town*, Cape Town, South Africa 28-29 October 2017.
2. Educational Workshop, The World Congress on Pediatric and Infectious Disease 2017, Shenzhen China, 2 December, 2017.
3. Demography of Gender Bias, CEPED, Paris and UNFPA New Delhi, at CSRD JNU New Delhi, 20-24 March 2017.
4. Plagiarism and reference management tools, organized by Dr. B.R.Ambedkar Central Library, Jawaharlal Nehru University (JNU), New Delhi, 30th June- 1st July 2017.

2016:

1. 4th Australian Health Economics Doctoral (AHED), University of Melbourne. Perth, Australia, 28 September 2016;
2. Air pollution, Climate & Health: Methods & Modelling, Harvard T.H. Chan School of Public Health and Public Health Foundation of India, at New Delhi, India, 2-7 January 2016;
3. Workshop on R statistical package, Public Health Foundation of India, 8-9 December 2016;
4. Summer School on "Health Policy research: Theory and Application, Indian Health Policy Economics and Policy Association, Bangalore, 2016

2015

National Health Mission: Achievements and Challenges, Institute of Economic Growth, Delhi, 8th-12th September, 2015

Place and Date

Vienna, Austria

16 July 2025