

CURRICULUM VITAE

DR MORADHVAJ DHAKAD

Guest Research Scholar at the International Institute for Applied Systems Analysis (IIASA)
castle square 1, 2361 Laxenburg, Austria

Email: moradhvaj@iiasa.ac.at

Phone: +43 677 64132255

Personal data

Nationality: Indian

Date of birth: 20/08/1992

Family status: Married

Residence address: Vienna, Austria

Professional experiences

Guest Researcher at International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria. 01/12/2023 – Present

Postdoc researcher at University of Vienna, Austria. 15/05/2023 – 30/11/2023 (6 months and 15 days)

Research Scholar at International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria. 15/11/2022 – 14/5/2023 (6 months)

Research Scientist at Vienna Institute of Demography of the Austrian Academy of Sciences, Austria. 11/10/2020 – 10/10/2022 (24 months)

Research Associate, Jawaharlal Nehru University (JNU), New Delhi. November 01/11/2018 – 29/02/2019 (4 months)

Research Consultant, International Center for Research on Women (ICRW), New Delhi. 06/05/2018 – 07/08/2018 (3 months)

Research Consultant, International Center for Research on Women (ICRW), New Delhi. May 9/5/2016 – 30/08/2016 (2 months)

Ministry of Statistics and Program Implementation (MoSPI), National Sample Survey Office (NSSO), Jaipur, India. 17/05/2013 – 16/8/2013. (2 months)

Education

PhD in Population in Population studies from Jawaharlal Nehru University, New Delhi. From 25/07/2016 to 13/12/2021 (**Date of PhD award: 13/12/2021**)

Thesis titled “Changing Adult Mortality in India: Socio-Economic and Subnational Patterns.”

Master of Philosophy in Population in Population studies from Jawaharlal Nehru University, New Delhi. From 10/08/2014 to 24/07/2016

Dissertation titled: Gender Disparities in Intra-Household Health Care Financing: Empirical Evidence from India

Master’s Degree in Population Studies, International Institute for Population Sciences, Mumbai. From 10/08/2012 to 26/05/2014

Dissertation title: Pattern and Correlates of Health Care Utilization and Expenditure among Adults in India”

Bachelor’s Degree in Statistics, Geography, History, University of Rajasthan. From 15/07/2009 to 18/06/2012

Scientific Publications

1. Dhakad, M., & KC, S. (2024). Mortality differentials by educational attainment globally (No. 02/2024). *Vienna Institute of Demography Working Papers*. https://epub.oeaw.ac.at/0xc1aa5572_0x003f4a9d.pdf
2. 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/>
3. Moradhvaj Dhakad. (2023). Diabetes and Hypertension Among Indian Women. In: Guilmo, 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;
4. 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>
5. KC, S., & Dhakad, M. (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
6. 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*).
7. 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>
8. 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. <https://doi.org/10.1016/j.ssmph.2019.100372>
9. Goli, S., Dhakad, M., 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).
10. 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)
11. 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>
12. 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>
13. 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)

14. Goli, S., Moradkhvaj, Rammohan, A., & Pradhan, J. (2016). High spending on maternity care in India: What are the factors explaining it?. PloS one, 11(6), e0156437.
15. Goli, S., Maurya, N. K., Moradkhvaj, & 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>
16. Saikia, N., Moradkhvaj & 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)
17. Yadav, J., Devi, S., Singh, M. N., & Manchanda, N. Moradkhvaj (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>
18. Srivastava, A., Tamrakar, V., Moradkhvaj, 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>

Book Author

Moradkhvaj Dhakad and Saikia N. (2022). Adult Mortality in India: Trends, Socioeconomic Disparities and Consequences. Springer Nature, Sustainable Development Goals Series. Springer. <https://link.springer.com/book/10.1007/978-981-99-0002-2>

Scientific data publication

Wittgenstein Center (WIC) Population and Human Capital Projections - 2023 (WIC3.001 (Beta)) [Data set]. 2023. With KC, Samir; Potancokova, Michaela; Adhikari, Saroja; Yildiz, Dilek; Mamolo Maria; Sobotka, Tomas; Zeman, Krystof; Abel, Guy; Goujon, Anne, & Lutz, Wolfgang. <https://dataexplorer.wittgensteincentre.org/wcde-v3/>
<https://doi.org/10.5281/zenodo.7767426>

Scientific Reports:

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

Under Review and Working papers

1. Trend and Socio-economic disparity in Adult Mortality in India: Evidence from the Demographic Health Surveys with Nandita Saikia (revise resubmitted, *Demographic Research*)
2. Exploring sex differences in life expectancy and causes of death in India: decomposition analyses between 1991-2021. With Saddaf Naaz Akhtar, T Muhammad. (revise resubmitted, *Asian Population Studies*)
3. Education reduces prime-age adult mortality in India more than wealth. With Erich Striessnig, Wolfgang Lutz, Nandita Saikia.
4. Moradkhvaj and Samir KC. Rural Urban Differences in Adult by Mothers Educational: Evidence from the DHS countries.

5. Moradkhvaj. Rural-Urban Differences in Adult Mortality by Sex in India.

Grant & Awards

1. Awarded MSCA Seal of Excellence for the Research Proposal under Horizon Europe (HORIZON)-Marie Skłodowska-Curie Actions (MSCA)-Postdoctoral Fellowships - European Fellowships-01 call in 2023. (Proposal Number: 101154583)
2. Best paper award at Second Asian Population Forum by the Asian Demographic Research Institute (ADRI) at Shanghai University, the headquarter of the Asian MetaCentre and was held between 11-12 October; 2019, Shanghai, China
3. The Jyoti and Kirit Parikh YSSP Fellowship, to participate in Young Scientist Summer Program (YSSP) 2019 at International Institute for Applied Systems Analysis, Laxenburg, Austria.
4. 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.
5. 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 for Seminar/Workshop

1. 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.
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. Adult's health in India, Lecture at Department of Economics, University of Rajasthan, India. 27/9/2023
4. Invited as keynote speaker on adult mortality in India. Seminar organized by Kolhan University, Chaibasa. 8/08/2023
5. Invited in a conference Population Dynamics in India, the World's Most Populous Country”, organised by Health and Demography Research Cluster of New York University - Abu Dhabi (NYUAD, United Arab Emirates), 10/05/2023 - 11/05/2023.

Research Presentations in Seminar/Conferences (provided selected)

2024:

1. **Role of mothers' education in reducing excess female deaths in India. 6th Asian Population Association Conference (forthcoming). November 27-30, 2024**

2023:

1. Rural-Urban Differences in Under-Five Mortality by Mothers' Education Attainment Evidence from the DHS Countries “Wittgenstein Centre Conference 2023 “Exploring Population Heterogeneities conferences, Austrian Academy of Sciences 06 - 07 Dec 2023
2. Population Dynamics in India, the World's Most Populous Country conference, May 10 and 11, 2023 at NYU Abu Dhabi campus.
3. **Population Association of America Annual meeting 2023, New Orleans, Louisiana Hyatt Regency New Orleans, USA, 12-25 April 2023.**

2022:

1. Population and Climate Change: the Defining Relationship of the 21st Century, Wittgenstein centre conference 2022, Vienna, Austria, 30.11. - 02.12.2022
2. *Asian Population Studies and the COVID-19 Crisis: Investigating Demographic Outcomes in a Pandemic, 23 August 2022*

2021:

1. *XXIX International Population Conference (IPC 2021[IUSSP]), 5-10 December 2021; Population Association of America, May 5-8, 2021, Virtual mode, USA*

2019:

1. 2nd Asian Population Forum during 11-12 October 2019 organized by Asian Demographic Research Institute at Shanghai University, Shanghai, China.
2. Lifespan extension with Varying Cause-of-Death Trajectories in European Societies" organized by IUSSP, Castle of Rauischholzhausen, Germany, February 11-13, 2019

2018:

1. Second International Seminar on the Active Ageing Index (AAI) in Bilbao, Spain in September;
2. 4th International Conference of Asian Population Association, July 11-14, 2018 at Shanghai University, China;
3. 16th Annual Indian Association for Social Sciences and Health conference (IASSH), JNU, New Delhi.

2017:

1. **XXVIII International Population Conference (IPC 2017 [IUSSP])** on 28-29 October to 4 November 2017, Cape Town, South Africa.
2. 10th World Congress of the World Society for Pediatric Infectious Diseases (WSPID 2017) to be held in Shenzhen, China, December 2-5, 2017.
3. International Seminar on *Mortality Analysis and Forecasting*, IUSSP, Max-Planck Odense Center on the Bio demography of Aging, CSRD JNU, India, Denmark, New Delhi, India, 6-7 April 2017.

2016:

1. 38th Annual Australian Health Economic Society Conference, Perth, Australia, 26-27 September, 2016.
2. 37th Annual Conference Indian Association for the Study of Population, New Delhi, India, 7-9 December 2016.
3. 5th Indian Health Economics and Policy Association, Kolkata, 15-17 December, 2016.
4. 3rd Indian Human Development Survey Conference, 16-18 March 2016, Rajasthan, India.

2015:

1. 3rd International Conference of Asian Population Association, Kuala Lumpur, Malaysia, 27-30 July, 2015.
2. International Seminar on Mortality and Causes of Death Studies in India: Requirement, Availability and Analysis during past four decades, Jawaharlal Nehru University, New Delhi, March 26-27, 2015.

Other training

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:

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

Language: English, Hindi, German (A1)

Computer language: R, Stata, Python (basic)

Place and Date

Vienna, 21/01/2025