

NAMRATA CHINDARKAR

Address: 109 Clementi Road, Block E #03-06, Singapore 129791

Phone: +65-92352118 • Email: namrata.chindarkar@gmail.com

Personal website: <https://namratachindarkar.com/>

ACADEMIC POSITIONS

- 2012 – Current Assistant Professor, Lee Kuan Yew School of Public Policy (LKYSPP), National University of Singapore (NUS)
- 2012 – Current Faculty Associate, Institute of Water Policy (IWP), National University of Singapore

EDUCATION

- 2012 Ph.D. in Policy Studies (International Development Concentration), School of Public Policy, University of Maryland – College Park, USA
- 2008 M.Phil. in Social Sciences (Development Studies Concentration), Tata Institute of Social Sciences, Mumbai, India
- 2005 M.A. in Development Studies, University of Manchester, UK
- 2003 Bachelor of Management Studies, Sydenham College, University of Mumbai, India

RESEARCH INTERESTS

- **Policy fields:** development policy, social policy
- **Policy issues:** access to basic infrastructure (energy, water, sanitation); individual and household welfare (poverty, inequality, subjective well-being); gender and development; policy evaluation

ACADEMIC PUBLICATIONS

Journal articles (peer-reviewed)

❖ Access to basic infrastructure (energy, water, sanitation)

1. One Price Doesn't Fit All: An Examination of Heterogeneity in Price Elasticity of Residential Electricity in India (with Nihit Goyal). 2019. *Energy Economics*. <https://doi.org/10.1016/j.eneco.2019.05.021> (published online)
2. Long-term Impact of a Community-led Sanitation Campaign in India, 2005–2016 (with Jennifer Orgill-Meyer et. al.). 2019. *Bulletin of the World Health Organization*, 97, 523-53A. <http://dx.doi.org/10.2471/BLT.18.221572> (open access)
3. Who Coupled Which Stream(s)? Policy Innovation and Entrepreneurship in the Energy-Water Nexus in Gujarat, India (with Nihit Goyal and Michael Howlett). 2019. *Public Administration and Development*. <https://doi.org/10.1002/pad.1855> (published online)
4. Effect of Reliable Electricity on Health Facilities, Health Information, and Child and Maternal Health Services Utilization: Evidence from Rural Gujarat, India (with Yvonne Jie Chen and Xiao

- Yun). 2019. *Journal of Health, Population and Nutrition*, 38(7). <https://doi.org/10.1186/s41043-019-0164-6> (open access)
5. India's Depleting Groundwater: When Science Meets Policy (with Quentin Grafton). 2019. *Asia & the Pacific Policy Studies*, 6(1), 108-124. <https://doi.org/10.1002/app5.269> (open access)
 6. Sustaining Reforms in Water Service Delivery: The Role of Service Quality, Salience, Trust and Financial Viability (with Olivia Jensen). 2019. *Water Resources Management*, 33(3), 975-992.
 7. Water and Time Use: Evidence from Kathmandu, Nepal (with Yvonne Jie Chen and Jane Zhao). 2019. *Water Policy*. <https://doi.org/10.2166/wp.2019.082> (published online)
 8. Government-Civil Society Co-management Contracts for Rural Water Services: Lessons from India (with Yvonne Jie Chen and Dennis Wichelns). 2018. *Policy Design and Practice*, 1(4), 269-280. <https://doi.org/10.1080/25741292.2018.1554200> (open access)
 9. Conceptualizing Effective Social Policy Design: Design Spaces and Capacity Challenges (with Michael Howlett and M Ramesh). 2017. *Public Administration and Development*, 37(1), 3-14.
 10. Beyond Power Politics: Evaluating the Policy Design Process of Rural Electrification in Gujarat, India. 2017. *Public Administration and Development*, 37(1), 28-39.
 11. Non-Revenue Water and Cost Recovery in Urban India: The Case of Bangalore (with Maitreyee Mukherjee and Jenny Gronwall). 2015. *Water Policy*, 17(3), 484-501.

❖ Gender and development

12. An Empirical Examination of Sustainability of Women's Empowerment Using Panel Data from India (with Sonia Akter). 2019. *Journal of Development Studies*. <https://doi.org/10.1080/00220388.2019.1605054> (published online)
13. The Link between Mothers' Vulnerability to Intimate Partner Violence and Children's Human Capital (with Sonia Akter). 2019. *Social Science Research*, 78, 187-202.
14. The Value of Skills: Raising the Socio-Economic Status of Rural Women in India (with Yvonne Jie Chen). 2017. *Development Policy Review*, 35(2), 229-261.
15. Gender and Climate Change-induced Migration: Proposing a Framework for Analysis. 2012. *Environmental Research Letters*, 7(2), 1-7.

❖ Individual and household welfare (poverty, inequality, and subjective well-being)

16. Subjective Well-being Effects of Coping Cost: Evidence from Household Water Supply in Kathmandu Valley, Nepal (with Yvonne Jie Chen and Yogendra Gurung). 2018. *Journal of Happiness Studies*. <https://doi.org/10.1007/s10902-018-0060-6> (published online)
17. Is Subjective Well-Being of Concern to Potential Migrants from Latin America? 2014. *Social Indicators Research*, 115(1), 159-182.

Writings on education and pedagogy (peer-reviewed)

18. Rethinking Teaching of Basic Principles of Economics from a Sustainability Perspective (with Dodo J. Thampapillai). 2018. *Sustainability*, 10(5), 1486. <https://doi.org/10.3390/su10051486> (open access)

19. Cautiously Implementing Team Teaching: A Reflection on a Pilot Team Teaching Course (with Caroline Brassard). 2017. *CDTL Brief*, 20(1), 1-7.

Book (peer-reviewed)

20. *Economic Evaluation of Sustainable Development* (with Vinod Thomas). 2019. Palgrave Macmillan. <https://doi.org/10.1007/978-981-13-6389-4> (open access) [**~10,500 total downloads** as of August 15, 2019 as per *Bookmetrix*. Articles based on the book have appeared in major media outlets such as *Business Times (Singapore)*, *Economic Times (India)*, *The Hindu (India)*, and *China Daily (Hong Kong)*].

Book chapters

21. “Impact of State—Non-State Co-management Contracts on Water Supply in Rural India: Evidence from a Natural Experiment” (with Yvonne Jie Chen and Dennis Wichelns). Forthcoming. In Kekez, A.; Howlett, M.; and M Ramesh (Eds.) *Collaboration and Public Service Delivery: Promise and Pitfalls*. Edward Elgar Publishing.
22. “A Comparative Analysis of the Regulatory Framework Between the United States of America and the European Union on the Use of “Fracking” in Unconventional Hydrocarbons Development” (with Carmelita Leow). 2017. In L.-H. Lye, H. Neo, S. Kondepudi, W.-S. Yew, & J. G.-K. Sng (Eds.), *Sustainability Matters: Environmental Management in the Anthropocene*. Singapore: World Scientific.
23. “Water Scarcity to Water Security: How Can Asian Cities Achieve a Sustainable Transition?” (with Maitreyee Mukherjee and Dennis Wichelns). 2015. In L.-H. Lye, V. R. Savage, H.-W. Kua, L.-M. Chou, & P.-Y. Tan (Eds.), *Sustainability Matters: Environmental and Climate Changes in the Asia-Pacific*. Singapore: World Scientific.
24. “A Qualitative Comparative Analysis of Farmers' Suicides in Andhra Pradesh, India”. 2010. In Olsen, W (ed.), *Realist Methodology (Volume 3): Realist Empirical Research*. Sage, London.

MANUSCRIPTS UNDER REVIEW AND IN-PROGRESS

❖ Access to basic infrastructure

- Energy Access for Marginalized Communities: Status and Trends in Rural India (with Setu Pelz and Johannes Urpelainen). Under review, *World Development*.
- Link between Farm Electricity Supply Management, Farm Investments, and Farm Incomes – Evidence from India (with Yvonne Jie Chen and Shilpa Sathe). Under review, *Energy Policy*.
- Energy Access in India: Updates and Challenges (with Michael Aklin et. al.). Manuscript being prepared for submission to *Nature Energy*.
- Can LPG Use Be Sustained? Examining the Willingness-to-pay for LPG Refills in Rural India (with Abhishek Jain and Sunil Mani). Manuscript being prepared for submission to *Science of the Total Environment*.

❖ Individual and household welfare

- Bridging the Gaps in Cognitive Achievement in India: The Crucial Role of the Integrated Child Development Services in Early Childhood (with Kriti Vikram). Revised and resubmitted, *World Development*.
- Inequality of Opportunity in Health Among Rural, Urban, and Migrant Children in China (with Maki Nakajima and Alfred Wu). Manuscript being prepared for submission to *Social Science & Medicine*.

REPORTS AND OTHER PUBLICATIONS

- Chindarkar, N. (2010). “Climate Change and Migration in Asia and the Pacific: Thinking about Vulnerability, Gender Dimensions, and Policy Options”. Intern Report. Asian Development Bank, Manila.

CONFERENCE/WORKSHOP PRESENTATIONS

- **2019:** Australian Agricultural and Resource Economics Conference, Melbourne, Feb 12-15 (*presented by co-author*); Centre for Family and Population Research (CFPR) Lunchtime Seminar Series, NUS, Mar 15
- **2018:** World Bank Development Research Group Seminar Series, Kuala Lumpur, Feb 28; Public Management Research Conference, Singapore, May 31-Jun 2; Australian Conference of Economists, Canberra, Jul 10-13 (*presented by co-author*); 2nd International Conference on Water Policy, Singapore, Jul 10-11
- **2017:** 3rd International Conference on Public Policy, Singapore, Jun 28-30; Australian Conference of Economists, Sydney, Jul 19-21; 10th Asian Conference on Microeconomics and Econometrics, Singapore, Aug 5-6; International Workshop on The Governance of Collaboration: Co-Production, Contracting, Commissioning and Certification, Dubrovnik, Aug 21-22; Development Studies Association Annual Conference, Bradford, Sep 6-8; Singapore Management University, Department of Economics Research Workshop, Sep 22; Lee Kuan Yew School of Public Policy Research Seminar, Oct 5
- **2016:** East Asia Institute, Feb 19; IWP Research Seminar, Mar 28; Development Economics and Policy Conference (*co-organizer*), Jun 8-9, Singapore; Human Development and Capabilities Association (HDCA) Annual Conference, Tokyo, Sep 1-3
- **2015:** American Economic Association (AEA) Annual Conference, Boston, Jan 3-5; Social Policy: Formulation and Design in Comparative Perspective, Singapore, Feb 12-13; Fudan University, Shanghai, Jun 2-3; Tenth Annual International Conference on Public Policy and Management IIM Bangalore, Aug 3-5; Singapore Management University, Oct 30
- **2014:** Conference on Rural Issues and Development Economics, Beijing, Jul 18-19; Human Development and Capabilities Association (HDCA) Annual Conference, Athens, Sep 2-5
- **2013:** Midwest Political Science Association (MPSA) Annual Conference, Chicago, Apr 11-14
- **2012:** Human Development and Capabilities Association (HDCA) Annual Conference, Jakarta, Sep 5-7

- **2011:** Fifth Southeastern International/Development Economics Conference, Federal Reserve Bank of Atlanta, Dec 2; Association for Public Policy Analysis & Management (APPAM) Fall Research Conference, Nov 3-5, Washington DC; Human Development and Capabilities Association (HDCA) Annual Conference, The Hague, Sep 6-8
- **2009:** Human Development and Capabilities Association (HDCA) Annual Conference, Lima (paper accepted), Sep 10-12

RESEARCH GRANTS

Active research grants

Duration	Source	Amount (SGD)	Purpose
Apr 2017 – Aug 2019	Academic Research Fund (LKYSPP) [supplemented with external grant from Shakti Sustainable Energy Foundation]	75,000	Research projects on infrastructure and development including ' <i>Access to Clean Cooking Energy and Electricity: Survey of States (ACCESS-II)</i> ', India's first longitudinal survey on energy access.

Completed research grants

Duration	Source	Amount (SGD)
Oct 2017 – Sep 2018	Shakti Sustainable Energy Foundation (Co-PI, external)	60,906
Apr 2017 – Sep 2018	Staff Research Support Scheme (LKYSPP)	15,000
Jul 2013 – Dec 2014	Thematic Research Collaboration (Co-PI, LKYSPP)	30,000
Mar 2013 – Feb 2016	Academic Research Fund Start-up Grant (LKYSPP)	180,000
Oct 2012 – Oct 2013	Staff Research Support Scheme (LKYSPP)	15,000

TEACHING EXPERIENCE

Lee Kuan Yew School of Public Policy, National University of Singapore

AY2018-19	MPP core module: Quantitative Research Methods for Public Policy 2 <u>Student evaluation: 4.3 (department average 4.2)</u>
	Elective module: Poverty, Inequality, and Public Policy <u>Student evaluation: 4.4 (department average 4.2)</u>
AY2017-18	MPP core module: Quantitative Research Methods for Public Policy 2 <u>Student evaluation: 4.6 (department average 4.0)</u>
	Elective module: Poverty, Inequality, and Public Policy <u>Student evaluation: 4.8 (department average 4.0)</u>
AY2016-17	MPP core module: Quantitative Research Methods for Public Policy 2 <u>Student evaluation: 4.3 (department average 4.0)</u>

Elective module: Poverty, Inequality, and Public Policy
Student evaluation: 4.8 (department average 4.0)

AY2015-16 MPP core module: Policy Analysis
Student evaluation: 4.015 (department average 4.231)

PhD core module: Research Methods in Public Policy II
Student evaluation: 4.723 (department average 4.6)

AY2014-15 MPP core module: Policy Analysis
Student evaluation: 4.112 (department average 4.269)

PhD core module: Research Methods in Public Policy II
Student evaluation: 4.711 (department average 4.336)

Elective module: Poverty, Inequality, and Public Policy
Student evaluation: 4.851 (department average 4.305)

Gateway module: Social, Environmental, and Urban Policy (one session)
Student evaluation: 4.268 (department average 4.269)

AY2013-14 MPP core module: Policy Process and Analysis
Student evaluation: 4.459 (department average 4.201)

PhD core module: Research Methods in Public Policy II
Student evaluation: 4.901 (department average 4.603)

Elective module: Poverty, Inequality, and Public Policy
Student evaluation: 4.681 (department average 4.252)

AY2012-13 MPP core module: Public Policy Research and Evaluation
Student evaluation: 4.364 (department average 4.121)

MPP core module: Introduction to Public Policy and Analysis
Student evaluation: 3.862 (department average 4.035)

MPP core module: Policy Research Design and Methodology
Student evaluation: 3.407 (department average 4.035)

STUDENT SUPERVISION

PhD supervision at the Lee Kuan Yew School of Public Policy

AY2016-17 – AY2018-19	Thesis committee member: Ms. Yan Yifei – Graduated in 2019 and placed as post-doctoral fellow at London School of Economics
AY2015-16 – AY2017-18	Thesis main supervisor: Ms. Aubrey Tabuga – Graduated in 2018
AY2014-15 – AY2017-18	Thesis committee member: Ms. Sarah Bales – Graduated in 2018
AY2014-15 – AY2016-17	Thesis committee member: Dr. Bali Azad Singh – Graduated in 2017 and placed as lecturer at University of Melbourne
AY2017-18 – ongoing	Thesis main supervisor: Mr. Nihit Goyal
AY2018-19 – ongoing	Thesis committee member: Ms. Maitreyee Mukherjee

Master's supervision at the Lee Kuan Yew School of Public Policy

AY2015-16	<p>Policy Analysis Exercise (PAE) main supervisor: Mr. Robert DeRosa and Ms. Divya Titus (MPP, LKYSPP)</p> <p>PAE main supervisor: Ms. Indu Nandakumar, Ms. Khadija Nasirova, and Ms. Shruti Moghe (MPP, LKYSPP)</p> <p>Dissertation main supervisor: Ms. Leow Swee Lyn, Carmelita (Master in Environmental Management, NUS)</p> <p>Attachment project main supervisor: Ms. Cardonaa Ma Victoria Dela Victoria (Master in Public Management, LKYSPP)</p>
AY2014-15	PAE main supervisor, Ms. Indu Nandakumar, Ms. Aprajita Singh and Ms. Mariana Aguirre (MPP, LKYSPP)
AY2013-14	<p>Dissertation main supervisor, Ms. Maitreyee Mukherjee (Master in Environmental Management, NUS)</p> <p>PAE main supervisor, Ms. Anum Anis, Mr. Saram Bokhari, and Ms. Maria del Mar Garza (MPP, LKYSPP)</p>

EDITORIAL MEMBERSHIPS AND REVIEWING

2017 – Current

Assistant Editor, *Policy Design and Practice*
(Taylor & Francis)

Ad hoc reviewing

Journal of Comparative Policy Analysis: Research and Practice; Journal of Development Studies; Journal of Economic Behavior and Organization; Environmental Research Letters; Food Security; Public Administration and Development; Journal of Rural Studies; Singapore Economic Review; Social Indicators Research; Social Science & Medicine; Social Science Research

PROFESSIONAL MEMBERSHIPS

- Development Studies Association
- Human Development and Capabilities Association
- International Public Policy Association
- American Economic Association

FELLOWSHIPS AND NETWORKS

2018 – current Initiative for Sustainable Energy Policy (ISEP)

2018 – current Women and Gender in Global Affairs Network (part of Global Public Policy Network)

ACADEMIC SERVICE

2012 – current LKYSPP MPP Curriculum Reform Committee

2017 LKYSPP Economics Hiring Taskforce

2016 Co-organizer of the first ‘LKYSPP Development Economics and Policy Conference’

2015 Co-organizer of international research workshop on ‘Social Policy: Formulation and Design in Comparative Perspective’

2013 – 2016 LKYSPP PhD Curriculum Reform Committee

2013 – 2016 LKYSPP PhD Research Methods Qualifying Exam Coordinator

MENTORING

2017 – current LKYSPP MPP Academic Advisement Program

2016 – current Faculty Advisor, LKY School of Public Policy “Bridging Gender and Policy (GAP)” Student Group

PROFESSIONAL EXPERIENCE

May 2010 – Aug 2010 Asian Development Bank (ADB), Intern

Apr 2006 – Jan 2007 Global Development Network (GDN), Intern

Oct 2005 – Mar 2006 Concern India Foundation, Resources Executive

Jun 2003 – Jun 2004 McKinsey & Company, Junior Information Analyst

ACADEMIC HONORS AND AWARDS

2019	NUS Annual Teaching Excellence Award
2018	LKYSPP Faculty Teaching Excellence Award
2008 – 2012	Graduate Research and Teaching Assistantship, University of Maryland
2011	Jacob K. Goldhaber Travel Award
2011	International Conference Student Support Award
2010	William Donald Schaefer Internship Scholarship
2003	Gold Medal for Academic Excellence, Sydenham College
1996	Silver medal, National Talent Search Examination (India)
1992	Gold medal, State Talent Search Examination (India)

SKILLS

- **Statistical analysis packages:** STATA, R, SPSS, SAS
- **Languages:** English (native), Hindi (native), Marathi (native), Gujarati (native)

EXTERNAL PANEL AND MEDIA INVITATIONS, COMMENTARIES, AND OP-EDS

Jun 2019	“Helping to shape China’s directions” (21-06-2019) https://www.chinadailyhk.com/articles/194/242/117/1561107498430.html?newsId=86622
	“Across sectors, over time” (18-06-2019) https://www.thehindu.com/opinion/op-ed/across-sectors-over-time/article28022168.ece
	“Why to value evaluations” (17-06-2019) https://economictimes.indiatimes.com/blogs/et-commentary/why-to-value-evaluations/
	“When evaluation makes a difference” (06-06-2019) https://www.businesstimes.com.sg/opinion/when-evaluation-makes-a-difference
	“Evaluation must promote sustainable development” (05-06-2019) https://ieu.greenclimate.fund/news/evaluation-must-promote-sustainable-development
Jan 2019	“People power: Transforming India's energy landscape” (15-01-2019) https://lkyspp.nus.edu.sg/gia/article/people-power-transforming-india's-energy-landscape
Dec 2018	“The evolution of electricity access and clean cooking energy in rural India” (9-12-2018) https://lkyspp.nus.edu.sg/gia/infographic/the-evolution-of-electricity-access-and-clean-cooking-energy-in-rural-india [Summary based on ACCESS survey]
Nov 2018	“The Big Read: The ‘invisible’ people in a class-conscious society” (12-11-2018) https://www.channelnewsasia.com/news/singapore/singapore-invisible-people-in-class-conscious-society-10918552
May 2018	Raffles Girls’ School (Secondary) “In-Conversation: Globalisation and Poverty in Singapore”, Singapore
Feb 2018	“Tackling workplace sexual harassment in Asia: A necessary paradigm shift” (13-02-2018) https://lkyspp.nus.edu.sg/gia/article/tackling-workplace-sexual-harassment-in-asia-a-necessary-paradigm-shift
Feb 2018	Asia Water Learning Week, World Bank, Singapore
Sep 2015	“Think Sustainable, Act Responsible”, Asian Development Bank, Manila
Oct 2013	Channel News Asia “Insight: Poverty in Asia”, Singapore