

ANITA PINHEIRO

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A 47/1, Panchsheel Vihar, Khirki Extension,
Malviya Nagar, New Delhi-110017

EDUCATION

Ph.D. Science Policy. Centre for Studies in Science Policy, School of Social Science, Jawaharlal Nehru University, New Delhi, India. **Thesis submitted on 30th November 2022; Viva voce held on 31st March 2023, PhD awarded on 5th April 2023.**

Thesis: “Technology and policy landscape for urban agriculture in Kerala: Exploring the sustainability implications”; **Supervisor:** Prof. Madhav Govind

- Using sustainability transitions perspective (MLP), I analyzed the policy support system for urban home gardening as Nature-based Solutions for agri-food system transitions in Kerala and how people’s movement based on social media platform Facebook have contributed to this transition process.
- Conducted fieldwork for primary data collection in three districts of Kerala; online survey, key-informant interviews; mixed methods of analysis.

M. Phil Science Policy. Centre for Studies in Science Policy, School of Social Science, Jawaharlal Nehru University, New Delhi, India. July 2012 (A Grade).

Dissertation: “Mangrove conservation and techno-scientific knowledge: Exploring the practices in two districts of Kerala”; **Supervisor:** Prof. Madhav Govind

- Conducted fieldwork for exploring mangrove conservation practices, its relation with traditional submerged organic paddy farming (called *Pokkali* and *Kaippad*), and to explore how scientific knowledge has been used for mangrove conservation
- Primary data collection from two districts of Kerala; interaction with the local residents, experts, environmentalists and government officials.

M. Sc Microbiology. Bharathiar University, Tamil Nadu, India. 2006 (72.5%)

B. Sc Microbiology. Bharathiar University, Tamil Nadu, India. 2004 (74%)

TEACHING EXPERIENCE

12/2022 – 02/2023 **Guest Faculty, School of Global Affairs, Dr. B.R. Ambedkar University Delhi, New Delhi, India**

- Taught urban agriculture elective course to Master’s students from Urban Studies, Public Health, and Environment Development programs
- Conducted field visits with students to understand different urban agriculture practices in Delhi; organized invited talks on urban agriculture in various Indian cities

11/2021-03/2022 **Adjunct Faculty, School of Global Affairs, Dr. B.R. Ambedkar University Delhi, New Delhi, India**

- Taught urban agriculture for 3rd semester Masters students from Urban Studies and Global Affairs Programs
- Conducted field visits in Delhi, organized invited talks on urban agriculture in Pune and Delhi, presented a Microtalk video collaboratively with students at TNOC Festival 2022, and published an article in Down to Earth collaboratively with students

07/2006-02/2007 **Guest Lecturer, Department of Microbiology, St. Mary’s College, Thrissur, Kerala, India**

- Taught microbiology and biotechnology and conducted practical lab sessions for Master’s and undergraduate students
- Organized quiz programs, field visits, science exhibitions, and a national seminar

- Supervised students' mini-project on “Environmental and Health Impacts of Municipal Solid Waste Dumping-Taking Place at Laloore of Thrissur District, Kerala as a Study Model”.

RESEARCH EXPERIENCE

07/2018 – 08/2019 **Consultant, The George Institute for Global Health, New Delhi, India**

- Involved in extensive field data collection (six months) from five Indian states, followed by data analysis (worked remotely) on costing of Intensified Mission Indradhanush Program of India.
- Presented the preliminary results collaboratively with researchers from Harvard University at iHEA 2019 in Basel, Switzerland in July 2019.
- Published the final results in the journal Health Policy and Planning (Oxford University Press) in 2021.

09/2017-12/2017 **Research Associate, Research and Information System for Developing Countries, New Delhi, India**

- Involved in the preparation of the draft report on “Developing Strategic Review with the National SDG-2 Roadmap in India, conducted with the support of the World Food Programme Office in India.

06/2016-02/2017 **Researcher, Transdisciplinary Cluster on Sustainability Studies (TRCSS), Jawaharlal Nehru University, New Delhi, India**

- Analyzed sustainability challenges of urban water and wastewater systems of Gurgaon city
- Organized Transformative lab (T-lab) to carry out sustainable changes with the participation of local stakeholders

05/2015 **Consultant, The Immunization Technical Support Unit & The Public Health Foundation of India, New Delhi**

- Conducted fieldwork for data collection from three districts of Kerala on “Cost of delivering routine immunization services in India.

09/2014-03/2015 **Research Associate, National Innovation Foundation-India, Gujarat**

- Documented and followed-up grassroots innovation from Kerala and Tamil Nadu. Field visits in Kerala.
- Focused on innovations on improved agri-crop varieties and new machineries

06/2007-02/2010 **Research Fellow, Cochin University of Science and Technology, Kerala**

- Project name: “Greenwealth for rural women through fiber extraction from agri-wastes.”
- Involved in organizing livelihood enhancement training sessions for more than 500 women from socially and economically weaker sections across three districts of Kerala.
- Coordinated training sessions with non-profit organizations in two districts of Kerala

PUBLICATIONS

Journal articles and book chapters

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| Forthcoming | Kheir Al-Kodmany, Madhav Govind, Sharmin Khan, Anita Pinheiro ,. “Introduction”. In <i>Sustainable Urban Agriculture: New Frontiers</i> . Kheir et al. (Eds.). CRC Press, Taylor and Francis group. |
| Forthcoming | Anita Pinheiro , Madhav Govind. “Urban home gardening and agri-food system transitions towards sustainability in Kerala”. In <i>Sustainable Urban Agriculture: New Frontiers</i> . Kheir et al. (Eds.). CRC Press, Taylor and Francis group. |
| Forthcoming | Madhav Govind, Anita Pinheiro . “Multifunctional urban agriculture and sustainability: A global overview”. In <i>Sustainable Urban Agriculture: New Frontiers</i> . Kheir et al. (Eds.). CRC Press, Taylor and Francis group. |
| Forthcoming | Anita Pinheiro . “Scaling urban agriculture initiatives: Need for supportive policy ecosystems”. In <i>From Compost to Creepers: Exploring food growing possibilities in Indian cities</i> . Edited by Dutta, D. and Hazra, A. |

- 2023 **Anita Pinheiro**, “Policy Interventions for Strengthening Urban Home Gardens in Kerala: Exploring the Case of Thiruvananthapuram Corporation,” In: *Sowing Sustainable Cities: Lessons for Urban Agriculture Practices in India*. Indian Institute for Human Settlements, Bangalore. Available [here](#).
- 2021 Susmita Chatterjee, Palash Das, **Anita Pinheiro**, Pradeep Haldar, Arindam Ray, Logan Brenzel, and Stephen Resch. "The incremental cost of improving immunization coverage in India through the Intensified Mission Indradhanush programme." *Health Policy and Planning* (2021). Oxford University Press. Available [here](#).
- 2020 **Anita Pinheiro** and Madhav Govind. "Emerging Global Trends in Urban Agriculture Research: A Scientometric Analysis of Peer-reviewed Journals." *J. Sci. Res.* 9, no. 2 (2020): 163-173. Available [here](#).

Magazine articles and other contributions

- 2022 **Anita Pinheiro**, Ankit Saxena, Mariam Fatima. “Urban agriculture in Delhi: Towards an inclusive approach for recreating lost productive green spaces in the city” *Down To Earth* 12th July 2022). Available [here](#).
- 2022 **Anita Pinheiro**, “Urban home gardening movement in Kerala - Role of Social Media Collectives.” *LEISA-India Magazine*, March 2022. 24(1). Pp. 6-11. Available [here](#).
- 2022 Contributed to preparation of **Citizen’s Draft Policy for Urban Agriculture in Delhi**, an initiative by a non-profit organization, People’s Resource Centre, Delhi. Available [here](#).
- 2017 **Anita Pinheiro**. Blog post. How Kerala is making the transition towards healthy, home-grown food (Blog post at STEPS-Centre Blog). (2017, 29th June), available [here](#).

CONFERENCE PRESENTATIONS/PANEL DISCUSSIONS

- 2022 **Anita Pinheiro**, Panelist and member of the working group on Citizen’s Draft Policy for Urban Agriculture in Delhi, Public Consultation, held at IIC Delhi on 20th September 2022. Organized by People’s Resource Centre India.
- 2022 **Anita Pinheiro**. Panelist in the discussion on urban agriculture at the occasion of “Sowing Sustainable Cities: Launching an online exhibition and compendium on urban agriculture in Indian cities” held at Indian Institute of Human Settlements, Bangalore. 26th July 2022
- 2022 **Anita Pinheiro**, Madhav Govind (2022). Towards sustainable and inclusive urban agriculture in Kerala (India): Present policy landscape and way forward at DSA (The Development Studies Association) conference. University College London. 6-8th July 2022. Virtual presentation.
- 2022 **Anita Pinheiro** (2022). Urban home gardens as Nature-based Solutions for sustainable urban and agri-food system transitions in India. 7th NEST (Network of Early Career Researchers in Sustainability Transitions) Conference. Lyon, France. 5-6th May 2022. Virtual presentation.
- 2022 **Anita Pinheiro** (2022). Mainstreaming urban home gardens as Nature-based Solutions (NbS) for enhancing resilience and sustainability: Present policy landscape in Kerala and way forward at International Seminar on Sustainable Urban Agricultural Systems and Community Resilient Cities. Kerala Agricultural University. 22nd March 2022. Virtual presentation.
- 2022 **Anita Pinheiro**, Mariam Fatima, Ankit Saxena (2022). The future of the differentiating feature: Making urban agriculture an inclusive practice in Delhi. Microtalk video presented at TNOC Festival 2022. 29th-31st March 2022. Virtual presentation.
- 2021 **Anita Pinheiro** and Madhav Govind (2021). Urban agriculture and transition to circular food systems: Insights from government interventions in Kerala, India. 12th International Sustainability Transitions Conference (IST 2021). 5-8th October 2021. Virtual presentation.
- 2021 **Anita Pinheiro** (2021). Transition towards local food systems: How social media accelerates the movement of home garden vegetable production in Kerala? 6th NEST (Network of Early Career Researchers in Sustainability Transitions) Conference. Sofia, Bulgaria. 8-9th April 2021, Virtual presentation.

- 2019 **Anita Pinheiro** and Madhav Govind (2019). Urban agriculture and sustainability: A scientometric analysis of research trends. 45th All India Sociological Conference. Kerala University Thiruvananthapuram. 27-29th December 2019.
- 2019 Susmita Chatterjee, Palash Das, **Anita Pinheiro**, Pradeep Haldar (2019). Cost and efficiency of the Intensified Mission Indradhanush programme. Paper presentation at iHEA 2019 Conference. University of Basel, Switzerland. 13th-17th July 2019.
- 2019 **Anita Pinheiro**, Palash Das, Susmita Chatterjee, Logan Brenzel, William Lodge, Christian Suharlim, Nicholas Menzies, Stephen Resch (2019). Cost of implementing the Intensified Mission Indradhanush Programme. Poster presentation at Immunization Economics Pre-Congress session, iHEA. University of Basel, Switzerland. 13th-17th July 2019. Available [here](#).
- 2019 William Lodge, Christian Suharlim, Emma Clarke, Isabelle Feldhaus, Logan Brenzel, Palash Das, **Anita Pinheiro**, Susmita Chatterjee, Stephen C Resch (2019). Examining vaccination completeness in Reproductive and Child Health (RCH) registers in India. Poster presentation at Immunization Economics Pre-Congress session, iHEA. University of Basel, Switzerland. 13th-17th July 2019. Available [here](#).
- 2017 **Anita Pinheiro** (2017). Sustainability transitions in-the-making: Exploring emerging socio-technical systems of urban vegetable gardening in Thiruvananthapuram, Kerala Science Congress, Thiruvalla, India.
- 2017 **Anita Pinheiro** (2017). “Urban Food System Transitions and Social-Ecological Resilience in Kerala”. *Sustainability, Institutions, Incentives: Voices, Policies, and Commitments*., Indian Society for Ecological Economics, Kerala Institute of Local Administration, Thrissur, Kerala. 8-10th November 2017.
- 2017 Deep J Francis and **Anita Pinheiro** (2017). “Local Community Knowledge and Revival of Mangroves in Two Districts of Kerala: The Role of Collective Action. *Sustainability, Institutions, Incentives: Voices, Policies, and Commitments*, Indian Society for Ecological Economics, Kerala Institute of Local Administration, Thrissur, Kerala. 8-10th November 2017.
- 2012 **Anita Pinheiro**, Madhav Govind (2012). Technoscientific and People’s Perspectives on Mangrove Conservation in Kerala: Exploring Policy Implications, All India Conference, Mohanlal Sukhadia University, Udaipur, India
- 2012 **Anita Pinheiro**, Madhav Govind (2012). ‘Science’ in the Conservation of Mangrove Ecosystem: Mapping the Research focus and Translational Gaps in the Case of Kerala, South India, Biodiversity Asia 2012 (SCB ASIA 2012), Indian Institute of Science, Bangalore, India.

PROFESSIONAL CERTIFICATES AND TRAINING

- 2021 **Circular Economy and the 2030 Agenda**, online course by United Nations Systems Staff College (selected through a highly competitive two-stage selection process). 27th September 2021- 5th November 2021.
- 2021 **Exploring Sustainability in the Indian Context**, online course by Azim Premji University, Bangalore, India. 13th August 2021 – 26th September 2021.
- 2021 “**Urban Nature: Connecting Cities, Nature and Innovation**”, an online course by Lund University offered through Coursera. Date of completion 30th July 2021.
- 2021 **Virtual workshop on “Science Technology and Innovation Policy for Transformative Change**. Jointly organized by the Science Policy Research Unit, University of Sussex, United Kingdom, and Department of Science and Technology- Centres for Policy Research, India, on 18th-19th February 2021.
- 2020 **Hands-on-training on Fundamentals in GIS and remote sensing**. In-person training organized by Centre for Geoinformatics in Integrated Rural Technology Centre, Palakkad, Kerala, India, from 21st-23rd December 2020.

SUMMER SCHOOLS WITH FULL SCHOLARSHIP SUPPORT

- 2016 **STEPS Summer School on “Pathways to sustainability”**
Institute of Development, University of Sussex, United Kingdom from 16th to 27th May 2016.
- 2014 **Commonwealth Summer School 2014 on ‘Global food security: can we feed a growing world?’**
University of Nottingham Malaysia Campus, Semenyiah, Malaysia from 17th to 24th August 2014.
- 2014 **Summer School Program for Future Leaders in Development**
Organized by Indian Institute of Management (IIM) Udaipur and Duke University USA, from 31st May 2014 to 12th July 2014, held at IIM Udaipur, Rajasthan.
- Three weeks of field visits and a primary survey on WaSH-related health issues in the study area

LEADERSHIP ROLES

- Student Faculty Committee representative during Ph.D., for the period of 2012-2013
- Hostel Committee member (JNU) for three consecutive years from 2010 to 2013

REVIEWER ROLES

- Reviewer at Journal African Journal of Science, Technology, Innovation and Development, Taylor and Francis.
- Reviewer at Journal Urbanisation, Sage.
- Reviewer at Journal Agroecology and Sustainable Food Systems, Taylor & Francis
- Reviewer for book proposal at Routledge

PERSONAL PROFILE

- Gender: Female
- Date of Birth: 14th May 1984
- Nationality: Indian
- Interests and hobbies: Travelling and bird photography.

REFERENCES

- Prof. Madhav Govind, Chairperson, Centre for Studies in Science Policy, School of Social Sciences, Jawaharlal Nehru University. Email: mgovind11@gmail.com, m_govind@mail.jnu.ac.in
- Prof. Nakkeeran Nanjappan, Dean, School of Global Affairs, Dr. B.R. Ambedkar University Delhi, New Delhi. Email: nakkeeran@aud.ac.in
- Dr. Pritpal Randhawa, Assistant Professor, School of Global Affairs, Dr. B.R. Ambedkar University Delhi, New Delhi. Email: pritpal@aud.ac.in