

SHOUVIK CHAKRABORTY

Email: shouvik@umass.edu; Mobile No.:+1-774-242-3979

CURRENT AFFILIATION

Assistant Professor (Research), Political Economy Research Institute (PERI), UMASS-Amherst
(April 2018 - Present)

ACADEMIC BACKGROUND

- PhD, Centre for Economic Studies and Planning, Jawaharlal Nehru University (JNU), New Delhi (August 2005 to July 2011).
PhD Title: *“Movements in the Terms of Trade of Primary Commodities Vis-à-vis Manufactured Goods: A Theoretical and Empirical Study.”*
- MPhil, Centre for Economic Studies and Planning, Jawaharlal Nehru University (JNU), New Delhi (August 2003 to July 2005).
M. Phil Dissertation Title: *“The Disbursement of Institutional Credit in Rural India in the Post-Liberalization Era: An Analysis with Special Reference to The RBI’s Sterilization Policy.”*

Institute/University	Degree	Year
Indian Statistical Institute, Kolkata	Post Graduate Diploma in Applied Statistics (PGDAS)	2024
Jawaharlal Nehru University, New Delhi	PhD in Economics (Degree Awarded)	2005-10 (2011)
Jawaharlal Nehru University, New Delhi	M. Phil in Economics	2003-05
Jawaharlal Nehru University, New Delhi	M.A. in Economics	2001-03
University of Calcutta, Kolkata (St. Xavier’s College, Kolkata)	B.Sc. (Hons.) in Economics	1998-01

PUBLICATIONS

- *Contradictions of Democracy, Inequality and Development* (Routledge), forthcoming. (Coeditors: Sejuti Dasgupta and Taposik Banerjee).
- "Livestock Patterns, Climate Change and its Impact on Livelihood: An Analysis of Coastal Rural India", forthcoming in Sejuti Dasgupta et. al., *Contradictions of Democracy, Inequality and Development* (Routledge), forthcoming. (Coauthor: Anjana Thampi and Debanjana Dey).
- "The Z-factor of Climate Crisis," *The Japanese Political Economy*, 49(2-3) pages 274-294, November 2023 (Co-author: Rohit Azad).
- "Trade and Management of Waste," in Pardeep Singh, et. al.(eds), *Green Circular Economy* (Springer), October 2023.
- "An Indian Green Deal: Greening Our Way Out of the Pandemic," *Ecological Economics*, 209, July 2023 (Co-author: Rohit Azad).
- "Towards a 21st-century Socialist Green Programme," *Economic and Political Weekly*, 53(13), April 2023 (Co-author: Rohit Azad).
- "Imperialism of the Twenty-First Century: A Global Tripartite System," *The Indian Economic Journal*, 71(1), January 2023 (Co-author: Rohit Azad).
- "Climate Imperialism in the Twenty-First Century," *Monthly Review*, 74(3), July-August 2022 (Co-author: Jayati Ghosh and Debamanyu Das).
- "Sustainable Development Goal 8: Decent Work and Economic Growth", in Martin Gutmann and Daniel Gorman (eds), *Before the SDGs. A Historical Companion to the UN Sustainable Development Goals* (Oxford University Press), May 2022 (Co-author: Zhun Xu).
- "Toward inverting environmental injustice in Delhi," *The Economic and Labour Relations Review*, 32(2) pages 209-229, May 2021 (Co-author: Rohit Azad).
- "From the Classical Economists to Empiricists: A Review of the terms of trade controversy," *Journal of Economic Surveys*, 34(5) pages 1111-1133, August 2020 (Co-author: Prabirjit Sarkar).
- "Green Growth and the Right to Energy in India," *Energy Policy*, 141(2020), June 2020. (Co-author: Rohit Azad)
- "Balancing the Climate Injustice: A Proposal for a Differential Global Carbon Tax," in Sevil Acar and Erinc Yeldan (eds), *Handbook of Green Economics*, (Academic Press, Elsevier: London), October 2019 (Co-author: Rohit Azad).
- "A Policy Proposal for Green Jobs in India: A Quantitative Analysis on Inclusivity of Green Jobs," in David Barkin and Graciella Carrillo (eds), *Ecological Economics and Social-Ecological Movements: Science, Policy, and*

Challenges to Global Processes in a Troubled World (Autonomous Metropolitan University, Mexico City, Mexico), July 2019 (Coauthor: Rohit Azad).

- “Environmental Policies Delinked from Aam Aadmi: Is the Mask of Environmentalism Falling?” in Rohit Azad et. al. (eds), *A Quantum Leap in the Wrong Direction*; February 2019.
- *A Quantum Leap in the Wrong Direction?* (Orient Blackswan: New Delhi, India), February 2019 (Coeditors: Rohit Azad, Srinivasan Ramani, and Dipa Sinha).
- “An Egalitarian Green Growth Program for India: Essay in Honour of Utsa Patnaik,” in Arindam Banerjee and C.P. Chandrasekhar (eds), *Dispossession, Deprivation, and Development: Essays for Utsa Patnaik* (Tulika Books: New Delhi), November 2018 (Co-author: Robert Pollin).
- “Austerity Versus Green Growth for Puerto Rico,” *Challenge*, 60 (6), p. 543-573, January 2018 (Coauthor: Amanda Page-Hoongrajok and Robert Pollin).
- “Secular Movements in the International Terms of Trade of Primary Commodities vis-à-vis Manufactured Goods: Towards an Explanation” in Mausumi Das, et. al.(eds.) *Economic Challenges for the Contemporary World: Essays in Honour of Prabhat Patnaik* (Sage Publications: New Delhi), June 2016.
- “An Egalitarian Green Growth Programme for India,” *Economic and Political Weekly*, (L (42), October 17, 2015) (Co-author: Robert Pollin).
- “Explaining the Rise in Agricultural Prices: Impact of Neoliberal Policies on the Agrarian Economy,” *Agrarian South: Journal of Political Economy*, 4(2), August 2015.
- *Global Green Growth: Clean Energy Industrial Investments and Expanding Job Opportunities, Volume 1: Overall Findings*, UNIDO and GGGI: Vienna and Seoul (2015) (Co-author: Robert Pollin, Heidi Garrett-Peltier & James Heintz).
- "Is Export Expansion of Manufactured Goods an Escape Route from Terms of Trade Deterioration of Developing Countries?" *Journal of South Asian Development*, Vol.7 No. 2, pp. 81-108, October 2012.
- “The Challenges before NABARD in the Midst of RBI’s Sterilization Policy” (Co-author: Zico Dasgupta), *Economic and Political Weekly*, Vol. XLV, No. 31, July 2010.

WORKING PAPERS & REPORTS

- “State-Level Employment Effects of Biden’s Green Energy, Manufacturing, and Infrastructure Programs,” *PERI Research Report*, June 2024. (Co-author: Robert Pollin, Jeannette Wicks-Lim)
- “Employment Impacts of New U.S. Clean Energy, Manufacturing, and Infrastructure Laws,” *PERI Research Report*, September 2023. (Co-author: Robert Pollin, Jeannette Wicks-Lim, Chirag Lala, Gregor Semieniuk)
- “State-by-State Job Creation Estimates Through Inflation Reduction Act,” *PERI Research Report*, October 2022 (Co-author: Robert Pollin, Chirag Lala, Gregor Semieniuk)
- “Job Creation Estimates Through Proposed Inflation Reduction Act,” *PERI Research Report*, August 2022 (Co-author: Robert Pollin and Chirag Lala).
- “Climate Change Mitigation Strategies: Impacts and Obstacles in Low and Middle-Income Countries”. *EARTH4ALL: Deep-Dive Paper 07*, July 2022 (Co-author: Jayati Ghosh and Debamanyu Das).
- “A just transition: how can we fairly assign climate responsibility?”, *EARTH4ALL: Deep-Dive Paper 06*, July 2022 (Co-author: Jayati Ghosh, Anuar Sucar Diaz Ceballos and Adrina Ibnat Jamilee Adiba).
- “India’s Green Deal: Greening our Way out of the Pandemic,” *The IDEAs Working Paper Series*, Working Paper Number 02/2022, May 2022 (Co-author: Rohit Azad).
- “A Green Economy Transition Program for South Korea,” *PERI Research Report*, March 2022 (Co-author: Robert Pollin, Jeannette Wicks-Lim, Gregor Semieniuk and Jayoung Yoon).
- “Impact of U.S. THRIVE Program at Congressional District Levels,” *PERI Research Report*, September 2021 (Co-author: Robert Pollin, Caitlin Kline, and Gregor Semieniuk).
- “A Program for Economic Recovery and Clean Energy Transition in California,” *PERI Research Report*, June 2021 (Co-author: Robert Pollin, Jeannette Wicks-Lim, Caitlin Kline, and Gregor Semieniuk).
- “The Economic Impact of the PASSHE Employment Reductions,” *PERI Research Report*, April 2021 (Co-author: Michael Ash and Robert Pollin).
- “State-Level Employment Impacts of Proposed National THRIVE Agenda,” *PERI Research Report*, March 2021 (Co-author: Robert Pollin, Jeannette Wicks-Lim, Gregor Semieniuk and Chirag Lala).
- “Employment Impacts of Proposed U.S. Economic Stimulus Programs: Job Creation, Job Quality, and Demographic Distribution Measures”, *PERI Research Report*, March 2021 (Co-author: Robert Pollin, Jeannette Wicks-Lim and Gregor Semieniuk).
- “Impacts of the Reimagine Appalachia & Clean Energy Transition Programs for West Virginia,” *PERI Research Report*, February 2021 (Co-author: Robert Pollin, Jeannette Wicks-Lim, and Gregor Semieniuk).

- “Impacts of the Reimagine Appalachia & Clean Energy Transition Programs for Pennsylvania,” *PERI Research Report*, January 2021 (Co-author: Robert Pollin, Jeannette Wicks-Lim and Gregor Semieniuk).
- “Employment Creation and Just Transition Through a U.S. Zero-Carbon Program,” *PERI Research Report*, November 2020 (Co-author: Robert Pollin and Jeannette Wicks-Lim).
- “Job Creation Estimates Through Proposed Economic Stimulus Measures,” *PERI Research Report*, September 2020 (Co-author: Robert Pollin).
- “A Program for Economic Recovery and Clean Energy Transition in Maine,” *PERI Research Report*, August 2020 (Co-author: Robert Pollin, Jeannette Wicks-Lim, Gregor Semieniuk).
- “An Economic Analysis of Investment in Public Higher Education in Massachusetts,” *PERI Research Report*, June 2020, Grant from MSP and MTA (Co-author: Michael Ash).
- “Delhi Green Deal,” *PERI Working Paper Number 512*, June 2020 (Co-author: Rohit Azad).
- “Is Imperialism Passe in the 21st Century?,” *PERI Working Paper Number 499*, January 2020 (Co-author: Rohit Azad)
- “A Green Growth Program for Colorado,” *Research Report (PERI)*, April 2019 (Coauthors: Robert Pollin, Jeannette Wicks-Lim, Tyler Hansen).
- “From the Classical to Empiricists: A Review of the Terms of Trade Controversy,” *PERI Working Paper Series, Number 482*, March 2019 (Co-author: Prabirjit Sarkar).
- “Green Growth and the Right to Energy in India,” *PERI Working Paper Number 477*, December 2018 (Co-author: Rohit Azad).
- “A Policy Proposal for Green Jobs in India,” *CSE Working Paper 2018-6*, Centre for Sustainable Employment, Azim Premji University, April 2018 (Co-author: Rohit Azad).
- “Reinvestigating the Prebisch-Singer Hypothesis: 1900 to 2015”, *PERI Working Paper Series, Number 427*, December 2016.
- “An Egalitarian Clean Energy Investment Program for Spain,” *PERI Working Paper Series, Number 390*, August 2015 (Co-authors: Robert Pollin and Heidi Garrett-Peltier).

MEDIA, CONFERENCE & SEMINAR PRESENTATIONS & PARTICIPATIONS

- Funded participation in the Regional Decarbonization Pathways Workshop in collaboration with UN SDSN, University of California – San Diego, and the University Energy Institute Collaborative (UEIC), Kansas City, Missouri, June 21, 2024.

- Presented "The Distribution of Climate Finance Among Annex-II Countries" at the Sovereign Debt and Climate Finance Conference, Amherst, May 3-5, 2024.
- Presented "An Indian Green Deal: Greening Our Way Out of the Pandemic" at the World Social Science Association Conference, San Antonio, Texas, April 3-6, 2024.
- Presented at the "How do we cut emissions?" at the Global Climate Jobs Conference, London, September 18, 2022.
- "Stagflation and Global Hunger Are on the Horizon. Neoliberalism Needs to End", Truthout, July 8, 2022 (Interviewed by C.J. Polychroniou).
- "An Indian Green Deal," The India Forum, April 20, 2022 (Co-author: Rohit Azad).
- "A Tale of Two India's," The India Forum, January 27, 2022 (Co-author: Rohit Azad).
- "An Indian Green Deal," The Indian Express, January 17, 2022 (Co-author: Rohit Azad).
- "Delhi's air crisis: Who pollutes, who suffers?" Hindustan Times, December 23, 2021 (Co-author: Rohit Azad).
- "India has a right to energy, but does it need to fire more coal plants?" Hindustan Times, December 10, 2021 (Co-author: Rohit Azad).
- "Does India have a right to burn fossil fuels?" The Hindu, November 11, 2021 (Co-author: Rohit Azad).
- Presented "Climate Change and Changing Pattern of Livestock in India: Why Policies Matter?" at the 2021 IIPPE Annual Conference - "The Pandemic and the Future of Capitalism, Online, September 19, 2021.
- "A Case for a Differential Global Carbon Tax," The Hindu, September 15, 2019 (Co-author: Rohit Azad).
- "Can Equitable Distribution of Energy Meet Green Concerns?" The Hindustan Times, August 29, 2019 (Co-author: Rohit Azad).
- "A Reality Check on India's Renewable Energy Capacity", The Hindu, August 19, 2019.
- Presented "Is Imperialism passé?" at the Fourteenth Forum of the World Association for Political Economy, July 19-21, 2019, University of Manitoba, Winnipeg, Canada
- "Climate Change Is Devastating India with Heat Waves and Water Shortages", Media Interview, The Real News Network, June 27, 2019.
- "The Right to Energy & Carbon Tax: A Game Changer in India", Ideas for India, April 22, 2019. Later published as INET Blog, June 10, 2019 (Co-author: Rohit Azad).
- "A Green New Deal for India", Media Interview, The Real News Network, Feb 15, 2019.
- "A Robin Hood Climate Tax for India", Interview, The Wire, Dec 29, 2018 (<https://thewire.in/environment/a-robin-hood-climate-tax-for-india>)

- Presented “Is imperialism indeed over?” and “Green Growth and Right to Energy in India” at the URPE 50th Anniversary Conference, September 27-30, 2018, University of Massachusetts, Amherst.
- Presented “A Policy Proposal for Green Jobs in India” at the 15th Conference of the International Society for Ecological Economics, September 2018, 10-12, Puebla, Mexico.
- “India’s Capital of Delhi has the World’s Worst Air Pollution – Why?” Media Interview with the Real News Network, December 26, 2017.
- “For clean air, India needs a policy leap”, *The Hindu*, December 12, 2017 (Co-author: Rohit Azad)
- Presented “Green Growth and the Right to Energy in India” at JNU, New Delhi, on November 14, 2017, for CESP Seminar Series. (Co-presenter: Rohit Azad)
- Presented “Generating Jobs Through Green Growth Program in India: An Assessment of Quantity and Quality” at APU, Bangalore, on November 3-5, 2017, for the SWI Workshop. (Co-presenter: Rohit Azad)
- Presented “An Egalitarian Green Growth Programme for India” at TERI University, New Delhi, on January 18, 2017, for TERI University Economics Seminar Series.
- Presented “Reinvestigating the Prebisch-Singer Hypothesis: 1900 to 2015” at IIM-Kolkata on January 12, 2017; Presented the same paper at CESP, JNU, New Delhi on January 17, 2017, for the CESP Seminar Series, 2017.
- Presented “Global Green Growth” at the ISEE2016/BPE2016 conference of Transforming the Economy: Sustaining Food, Water, Energy and Justice, University of District of Columbia, Washington-DC, June 26-29, 2016.
- Presented “Egalitarian Green Growth Program for India” at the ISEE2016/BPE2016 conference of Transforming the Economy: Sustaining Food, Water, Energy and Justice, University of District of Columbia, Washington-DC, June 26-29, 2016.
- Conference Participation and co-presenter: “Growth: Not *If* but *How*” at the Development in Question, Cornell University, Ithaca, October 6-8, 2016. (Co-presenter: Heidi Garrett-Peltier)
- “India’s Economy Can Grow Without Increasing Carbon Emissions”, Media Interview with the Real News Network, August 31, 2015.
- Funded participant at the Hyman P. Minsky Summer Seminar organized by the Levy Economics Institute of Bard College on June 14-22, 2013
- Presented “Recent rise in agricultural commodity prices: neoliberal policies and its impact on food security,” at the 4th IIPPE Conference, New Delhi, July 9-11, 2013.
- “Inflation: A Real Worry!” Pragati (<http://www.pragoti.in/node/4444>), June 30, 2011.

- Presented “Manufacture Exports of the Developing Countries and their Terms of Trade vis-à-vis the Developed Countries” at the Conference on Accumulation, Immiseration and Development organised by UGC-DAS, New Delhi, March 7-9, 2011.
- Funded participant at the IDEA’s Conference on ‘Reforming the Financial System: Proposals, Constraints and New Directions’, Muttukadu, Chennai, India, January 25-27, 2010.
- Presented “India’s Post Liberalization Growth Experience: An Analysis of the Demand Components” at the International Young Scholars’ Seminar, New Delhi, 4th April 2006. (Co-author: Anamitra Roy Chowdhury)
- “Capital Account Convertibility: Neo-liberalism’s New Threat to India” (Coauthor: Amitayu Sengupta), *People’s Democracy* (April 02, 2006).
- “Three Budgets of UPA Government: Where is the “Human Face”?”, *Mainstream* (March 18, 2006, Vol.-XLIV No. 13).
- “Food and Hunger under the Vajpayee Regime” (Coauthor: Anamitra Roy Chowdhury and Taposik Banerjee), *People’s Democracy* (March 14, 2004).
- “The Ruinous Impact of the NDA Rule on Indian Agriculture” (Coauthor: Anamitra Roy Chowdhury and Taposik Banerjee), *People’s Democracy* (April 04, 2004).

PROFESSIONAL EXPERIENCE

- **Senior Research Fellow, Political Economy Research Institute, University of Massachusetts, Amherst, MA (2015-2018):** A modeler and key researcher in various projects on the Green Energy Programs, and independent research projects.
- **Research Fellow, Political Economy Research Institute, University of Massachusetts, Amherst, MA (2012-2015):** Researcher in the UNIDO project.
- **Visiting Fellow, Political Economy Research Institute, University of Massachusetts, Amherst, MA (2011-2011):** Researcher in FESSUD projects.
- **Lecturer, Department of Economics, University of Massachusetts, Amherst, MA (Spring Semester, 2016):** Taught the course “Public Finance” (ECON 313), which deals with Federal budgetary policy and the U.S. economy.
- **Adjunct Faculty, Department of Economics, History and Political Science, Fitchburg State University, Fitchburg MA (Fall Semester, 2013 to Fall Semester, 2015):** Taught the course Principles of Economics: Macroeconomics (ECON 1100).

- **Assistant Professor, Economics, University of London-International Program, Indian School of Business and Finance, New Delhi (Aug 2010 to December 2011):** Taught Introduction to Economics and Monetary Economics. The academic level per the syllabi of the intermediate and advanced courses of the London School of Economics and Political Science, University of London International Program.
- **Consultant Faculty, TERI University, New Delhi (July 2011 to December 2011):** Developed and taught Advanced Macroeconomics in the Master of Science (MSc) Economics program for students specialising in Environment and Resource Economics. A master's level Macroeconomics course was a pre-requisite for this class.
- **Teaching assistant at the Centre for Economic Studies and Planning, JNU (Aug-2005 to Aug-2009):** Responsible for providing teaching assistance on two courses, Macroeconomics and Introduction to Statistical and Econometric Methods, at the postgraduate level during the Monsoon Semester.
- **Economist, Economic Research Foundation, Secretariat of IDEA's, New Delhi (Apr-2005 to Mar-2007):** Key member of a three-member research team working on "Government Health Expenditure in India: A Benchmark Study" undertaken for the MacArthur Foundation, India. Actively involved in other research projects conducted by Economic Research Foundation.
- **Senior Consultant Faculty, University of London- External Program, Institute of Technology and Management International, Gurgaon (Aug-2003 to April 2008):** Taught Intermediate Macroeconomics and Monetary Economics; academic level as per the syllabi of the intermediate and advanced courses of the London School of Economics and Political Science, University of London International Program.
- **Project Associate, National Institute of Public Finance and Policy, New Delhi (Sep-2003 to Mar-2004):** Assisted (Late) Prof. Amaresh Bagchi in data mining on Centre and States economic variables and analysing them through extensive statistical exercises.

THESIS SUPERVISION

PhD Thesis Committee (External Committee Member)

- Camilo A. Gallego-Arias, *Creation of Economic Growth and Competition Through Green-Industrial Policies*, University of Massachusetts, Amherst (Degree Awarded, 2021).
- Zhandos, Ybrayev, *Essays on Monetary Policy In Developing Countries: Income Distribution, Housing And Unemployment*, University of Massachusetts, Amherst (Degree Awarded, 2019).
- Rohini Kamal, *Bangladesh's Energy Policy: Economic, Environmental, and Climate Change Impacts*, University of Massachusetts, Amherst (Degree Awarded, 2019).

- Munoz, Juan Alberto Vazquez, *Thirlwall's Law and the endogeneity of the natural rate of growth revisited from a Harrodian perspective*, University of Massachusetts, Amherst (Degree Awarded, 2016).

Master's Thesis Supervised

- Issar, Shruti, *Savings Behaviour in India: Savings-Investment Relationship*, TERI University, New Delhi. From June 2011 to May 2012. (Grade- A).
- Jain, Ratika, *Economic Growth, and Unemployment: Empirically Test Robustness of Okun's Law*, TERI University, New Delhi. From June 2011 to May 2012. (Grade- B+).
- Mohan, Arti, *The Recent Episode of Food Inflation in India- Towards an Explanation*, TERI University, New Delhi. From June 2011 to May 2012. (Grade- B+).
- Thomas, Naveen, *Fiscal Deficit and Private Investment in India: Is it a crowding out or crowding-in effect?* TERI University, New Delhi. From June 2011 to May 2012. (Grade- A+).

ACADEMIC ACHIEVEMENTS & OTHER MEMBERSHIPS

- Awarded **Com H.L. Parwana Research Stipend** in the year 2005 (22.07.2005 to 21.07.2006): Fellowship awarded for working in Banking, Trade Union and Allied Areas
- **UGC Fellowship for Research Scholars, Year- 2007 to 2010 (22.07. 2007 to 21.07.2010)**: Fellowship awarded for pursuing research at the doctoral level
- **Member, Indian Society of Labour Economics (2005- 07)**: Part of the organizing team of the Annual Conference of the Indian Society of Labour Economics (2005) held in New Delhi
- **Member, World Economic Association (2011-present)**
- **Member**, International Society for Ecological Economics (2015-present)
- **Lifetime Member**, Indian Society for Ecological Economics
- **Member**, Union for Radical Political Economics (2015-present)
- **Member**, Association for Evolutionary Economics (2015-2022)
- **Member**, Eastern Economic Association (2015-2022)
- **Member**, Association for Social Economics (2015-present)

FIELD OF RESEARCH INTERESTS

- Interested in the field of heterodox economics related to Marxian economics and Imperialism.

- Generation of 'green' jobs through investment in renewable energies and energy efficiency.
- Impact of North-South trade on the labour market, employment and environment.
- Environmental injustice, carbon tax and dividend policy across nations.
- Studying the international terms of trade of primary commodity vis-a-vis manufactured goods.

OTHER ACADEMIC ACTIVITIES

- In charge of computer and technical-related support at PERI, UMASS-Amherst.
- **Organizing seminars and conferences** on behalf of the Economic Research Foundation, IDEAS Secretariat and Centre for Economic Studies and Planning, JNU. Awarded Certificate of Excellence for organising Cultural Programs.
- **Reviewed** institutional reports and articles for journals like World Development, Journal of Cleaner Production, etc.

REFEREES

On Request.