

Résumé

1 Educational Qualifications

- Ph.D (Energy and Environmental Economics), Jadavpur University, Calcutta, India 2001
- Postdoctoral research fellow, Centre for Development and Environment Policy, Indian Institute of Management Calcutta, Calcutta, India ,2001-2003
- Post doctoral research fellow/Visiting Fellow, Faculty of Economics and Industrial Management, Oulu University, Finland, and Stockholm Environment Institute, Sweden 2001
- Visiting Fellow, SOM Research School, Groningen University, the Netherlands & UNU-MERIT, Maastricht University, the Netherlands,2003
- Post doctoral research fellow /Ford Foundation fellow, School of Environmental Resource and Development, Asian Institute of Technology, Thailand, 2004-05

Research Interest and Specialization:

Energy Economics, Environmental and Resource Economics, International Trade and Environment, Regional Economic Integration, Air pollution and Health, Nutrition and Health, Innovation and R& D, Global Value Chain, Input-Output Modeling, Global CGE modeling, E3-Model

Current Job details- Teaching, Research, and Supervising Students

Research Experience – more than 20 years

<https://www.researchgate.net/profile/Kakali-Mukhopadhyay/scores>

2 List of Publications

BOOKS (most recent first)

1. **Mukhopadhyay K (2021) edited**, Economy-Wide Assessment of Regional Policies in India: Applications of E3 India Model, Palgrave Macmillan, USA, ISBN: 978-3-030-75667-3 pp:1-403 (Chapter downloads 573)
2. **Mukhopadhyay K (2018) edited**, Applications of the Input-Output Framework, Springer, Singapore, ISBN: 978-981-13-1506-0,pp:1-345
<https://link.springer.com/book/10.1007/978-981-13-1507-7> (Chapter downloads 8226)

3. Chakraborty, D and **K. Mukhopadhyay (2014)** Water pollution and Abatement Policy in India: A Study from an Economic Perspective, *Springer, the Netherlands*, ISBN: 978-94-017-8928-8, pp:1-259 <https://www.springer.com/gp/book/9789401789288> (Chapter downloads 11000)
4. **Mukhopadhyay, K** and Paul J. Thomassin (2010) Economic and Environmental Impact of Free Trade in East and South East Asia, *Springer, the Netherlands*, ISBN: 978-90-481-3506 pp:1-209 <https://www.springer.com/la/book/9789048135066> (Chapter Downloads 8345)
5. **Mukhopadhyay, K (2008)** Air Pollution in India and its Impact on the Health of Different Income Groups, *Nova Science Publishers, New York*, ISBN: 978-1-60456-935-3, https://books.google.ca/books/about/Air_Pollution_in_India_and_Its_Impact_on.html?id=HRsoAQAIAAJ&redir_esc=y
6. **Mukhopadhyay, K (2007)** Trade and Environment in Thailand: An Emerging Economy, *Serials Publication, New Delhi*. ISBN: 8183870902
7. **Mukhopadhyay, K (2002)** Energy Consumption Changes And CO₂ Emissions In India, *Allied Publishers Pvt. Limited, New Delhi*. ISBN: 81-7764-333-9

Selected Journals (peer reviewed) -most recent first

8. Shrivastava, S., & **Mukhopadhyay, K. (2022)**. Valuation and Financing of National Parks in South and South East Asia: A Meta-Analysis. *Journal of Environmental Economics and Policy* <https://doi.org/10.1080/21606544.2022.2044391>
9. Jain, K., Gangopadhyay, M., & **Mukhopadhyay, K., (2022)** Prospects and challenges of green bonds in renewable energy sector: case of selected Asian economies, *Journal of Sustainable Finance & Investment*, [doi: 10.1080/20430795.2022.2034596](https://doi.org/10.1080/20430795.2022.2034596)
10. Prabhu, V. S., & **Mukhopadhyay, K. (2021)** Assessment of Wind Energy in India at the national and Sub-National level: Attributional LCA Exercise, *International Journal of Green Energy*, [doi: 10.1080/15435075.2021.1978447](https://doi.org/10.1080/15435075.2021.1978447)
11. Prabhu, V.S., Shrivastava, S. & **Mukhopadhyay, K. (2021)** Life Cycle Assessment of Solar Photovoltaic in India: A Circular Economy Approach. *Circular Economy and Sustainability*. <https://doi.org/10.1007/s43615-021-00101-5>

12. Khan, M. A., Walmsley, T., & **Mukhopadhyay, K. (2021)**. Trade liberalization and income inequality: The case for Pakistan. *Journal of Asian Economics*, 74. [doi:http://dx.doi.org/10.1016/j.asieco.2021.101310](http://dx.doi.org/10.1016/j.asieco.2021.101310)
13. **Mukhopadhyay, K.**, and K. Jain, **(2020)**. COVID-19: Demand and Supply Shock on Energy Sector in India. *IAEE Energy Forum* (COVID-19 Issue 2020), 76-80.
14. **Mukhopadhyay, K.**, and V. Prabhu, **(2020)**. Debacle of the Power Policy in India: Generation, Transmission, Distribution and Regulation. *IAEE Energy Forum*, 31-35.
15. Sikdar C. and **K. Mukhopadhyay. (2020)** Technology Transfer and Productivity Growth- Evidence from Indian Manufacturing Industries, *the Journal of Developing Areas*, 54(4):17-32
16. Mastakar, P., V. Mastakar, **K. Mukhopadhyay**, and S. Jaju, **(2019)**. Zero Waste Circular Model of MSWM: A Success in Ward 40, Pune, India. *Metamorphosis*, 36-56.
17. Jain,S. **K.Mukhopadhyay** and Paul J. Thomassin **(2019)** An Economic Analysis of Salmonella Detection in Fresh Produce, Poultry, and Eggs Using Whole Genome Sequencing Technology in Canada , *Food Research International*, 116: 802-809
18. Khan, M.A., N. Zada, **K.Mukhopadhyay (2018)** Economic Implications of the Trans Pacific Partnership (TPP) on Pakistan- A CGE Approach, *Journal of Economic Structure*, Special Issue on TPP, *Journal of Economic Structure*, 7(2):1-20 **Received Lawrence Klein Award 2018**
19. **Mukhopadhyay, K.**, and P. J. Thomassin **(2018)** The Impact of Trans-Pacific Partnership Agreement on the Canadian Economy, *Journal of Economic Structure*, Special Issue on TPP, 7(5):1-29
20. **Mukhopadhyay, K.**, P. J. Thomassin and J. Zhang **(2018)** Food Security in China at 2050: A Global CGE Analysis, Special issue on *Sustainable development of Chinese economy*, *Journal of Economic Structure*, 7(1):1-29
21. Sikdar C. and **K. Mukhopadhyay. (2018)** The nexus between carbon emission, energy consumption, economic growth and changing economic structure in India: A multivariate cointegration approach, *the Journal of Developing Areas*, 52(3):67-83
22. Sikdar C. and **K. Mukhopadhyay. (2018)** Assessment of R&D and its impact on Indian manufacturing industries, *Int. J. of Computational Economics and Econometrics*, 8(2):207-228

23. Dasgupta, P and **K. Mukhopadhyay (2017)** Pollution Haven Hypothesis and India's Intra-industry Trade: An Analysis, *International Journal of Innovation and Sustainable Development*, 12(3):287-307
24. Dasgupta, P and **K. Mukhopadhyay (2017)** The Impact of the Trans-Pacific Partnership Agreement on selected ASEAN Economies, *Journal of Economic Structure, Special Issue on TPP*,6(26):1-34
25. Sikdar C. and **K. Mukhopadhyay. (2017)** Economy-wide impact of Trans-Pacific Partnership Agreement: new challenges to China, *Journal of Economic Structure, Special Issue on TPP*, 6(22):1-29
26. Wu T, **K. Mukhopadhyay**, and P. J. Thomassin. **(2017)** Using H-O-V theorem to predict the factor intensities in Canadian Agricultural Trade, *International Journal of Applied Economics*, 14(1):45-64
27. **Mukhopadhyay, K**, Xi Chen & P. J. Thomassin. **(2017)**. Economic and Environmental impacts of Ethanol and biodiesel policy in Canada: An input-output Analysis, *International Journal of Green Energy*, 14(4):400-415
28. Sikdar C. and **K. Mukhopadhyay. (2016)** Impact of population on carbon emission: lessons from India, *Asia Pacific Development Journal*, 23(1):105-132
29. Wu T, **K. Mukhopadhyay**, and P. J. Thomassin. **(2016)** A life cycle inventory analysis of wood pellets for greenhouse heating: a case study at Macdonald campus of McGill University, *AIMS Energy*, 4(5): 697-722
30. Sikdar C. and **K. Mukhopadhyay. (2016)**. Productivity and R&D content of intermediate inputs – evidence from Indian industries, *the Journal of Developing Areas*, 50(2):Spring 2016: 337-56
31. Sengupta P. and **K. Mukhopadhyay. (2016)**. Economic and Environmental Impact of National Food Security Act of India, *Agriculture and Food Economics*, 4(5):1-23
32. Bhattacharya, B and **K. Mukhopadhyay. (2015)**. A Comprehensive Economic Partnership between India and Japan: Impact, Prospects and Challenges, *Journal of Asian Economics*, 39:94-107.
33. **Mukhopadhyay K. (2014)**. The Energy and Environmental Impacts of Free trade Agreements in the ASEAN Region Using a Global CGE Model, *ESI Bulletin*, 7(2):6-8.

34. Chakraborty, D. P. Sengupta and **K. Mukhopadhyay. (2014)**. Impact of National Food Security Act on the Indian Economy: Application of Modified Leontief and Ghosh Model, *Artha Vigyanan, March LVI(1):125-146*.
35. **Mukhopadhyay, K**, P. J. Thomassin, D. Chakraborty. **(2012)**. Economic Impact of Freer Trade in Latin America and the Caribbean: A GTAP Analysis, *Latin American Journal of Economics*, 49(2):147-183.
36. **Mukhopadhyay, K & P. J. Thomassin. (2012)**. Economic Impact of Adopting Healthy Diet in Canada, *Journal of Public Health*, 20:639-652.
37. **Mukhopadhyay, K. (2012)**. Energy Consumption and GHG Emissions in India: Analysis in Input-Output Framework, *Artha Vigyanan*, LIV (2):197-227.
38. **Mukhopadhyay, K & P. J. Thomassin. (2012)**. Impact of East Asian Free trade on the Environment-A GTAP Exercise, *The Asian Economic Review*, 54(1):19-48.
39. **Mukhopadhyay, K. (2011)**. Air Pollution and Household Income Distribution In India: Pre and Post- Reform (1983-1984 to 2006-2007), *The Journal of Energy and Development*, 35, (2):315-339.
40. **Mukhopadhyay, K & P. J. Thomassin. (2011)**. Macroeconomic Effects of the Ethanol Biofuel Sector in Canada, *Biomass and Bioenergy, An International Journal*, 35:2822-2838.
41. Gumilang, H, **Mukhopadhyay, K & P. J. Thomassin. (2011)**. Economic and Environmental Impacts of Trade Liberalization: The Case of Indonesia, *Economic Modelling*, 28:1030-1041.
42. **Mukhopadhyay, K & P. J. Thomassin. (2010)**. Impact of Regional Economic Integration in East and South-East Asia, *International Economic Journal*, 24(2): 125–153.
43. **Mukhopadhyay, K. (2009)**. Trade and the Environment: Implications for Climate Change *Decision*, 36(3):83-102.
44. **Mukhopadhyay, K & P. J. Thomassin. (2009)**. Economic and Environmental Impact of Trade Liberalisation. Illustrations from East and South-East Asia, *Studia Universitatis Babeş Bolyai – Oeconomica*, Issue 1:54-77.
45. Chakraborty, D., S. Datta, P. Malik, S. Maity, **K. Mukhopadhyay. (2008)**. Water Pollution Generation and Abatement Costs in Selected Industries of West Bengal, *International Journal of Environment and Development*, 1:23-66.
46. **Mukhopadhyay, K & P. J. Thomassin. (2008)**. Economic Impact of East and Southeast Asian FTAs, *Asia Pacific Trade and Investment Review*, UNESCAP 4(2): 57-82.

47. P. J. Thomassin & **K. Mukhopadhyay. (2008)**. Impact of East-Asian Free Trade on Regional Greenhouse Gas Emissions, *Journal of International and Global Economic Studies*, 1(2): 57-83.
48. **Mukhopadhyay, K. (2008)**. Air pollution and Income Distribution in India, *Asia Pacific Development Journal*, 15(1):35-64.
49. **Mukhopadhyay,K, P.J. Thomassin & D. Chakraborty. (2008)**. Impact of ASEAN+ 3 Trade Agreements on the South Asian Economy : An Analysis in GTAP framework, *Foreign trade Review Quarterly Journal of Indian Institute of Foreign Trade*, XLIII(1) April –June:3-26
50. **Mukhopadhyay,K & S. Bhattacharjya. (2007)**. Estimation of Abatement Cost of Air Pollution in Durgapur City of West Bengal, *Anvesak*, 37(2):22-39.
51. Dietzenbacher, E. & **K. Mukhopadhyay. (2007)**. Testing the Pollution Haven Hypothesis: Towards a Green Leontief Paradox? *Environment and Resource Economics*, 36(4):427-449

Also published In (2020)
**Recent Developments in Input–Output Analysis, The International Library of Critical Writings in Economics series Edited by Erik Dietzenbacher, Michael L. Lahr, and Manfred Lenzen,*
<https://www.e-elgar.com/shop/usd/recent-developments-in-input-output-analysis-9781786430809.html>
52. **Mukhopadhyay, K & D Chakraborty. (2006)**. Pollution Haven and Factor Endowment Revisited: Evidence from India, *Journal of Quantitative Economics*, 18(1):111-132.
53. **Mukhopadhyay, K. (2006)**. Impact of Thailand’s Trade with OECD Countries on the Environment, *Asia Pacific Trade and Investment Review*, UN ESCAP, 2(1):25-45.
54. **Mukhopadhyay, K & D. Chakraborty. (2005)**. Is Liberalisation of Trade Good for the Environment? Evidence from India, *Asia Pacific Development Journal*, UN ESCAP, 12(1):109-136.
55. **Mukhopadhyay, K & O. Forssell. (2005)**. An Empirical Investigation of Air Pollution from Fossil Fuel Combustion and Its Impact on Health in India during 1973-74 to 1996-97, *Ecological Economics*, 55(2):235-250.
56. **Mukhopadhyay, K & D Chakraborty. (2005)**. Environmental Impacts of Trade in India, *International Trade Journal*, 19(2): 135-163.
57. **Mukhopadhyay, K. (2005)**. The Pollution Haven Hypothesis: Some Empirical Evidence from Thailand, 1980-2000, *International Journal of Environment and Development*,2(2): 219-238.

58. **Mukhopadhyay, K, S. Bhattacharya & D Chakraborty. (2005).** Sustainable Industrial Development in Urban Areas of West Bengal: A Case Study of Durgapur, *International Journal of Environment and Development*, 2(1): 123-139.
59. **Mukhopadhyay K, D. Chakraborty. (2005).** Are Indian Industries more Energy Intensive?, *Energy Fuel User's Journal*, 55(2): 38-45.
60. **Mukhopadhyay K. (2004).** Impact of Liberalized Trade on Energy Use and Environment in India, *Journal of Environment Ecology and Management*, 1(1): 75-104
61. **Mukhopadhyay, K & D Chakraborty. (2004).** Energy Consumption Changes and CO₂ Emission in India during reforms, *Journal of Quantitative Economics*, 2(1): 55-87.
62. **Mukhopadhyay, K. (2004).** A Study on the impact of trade with EU on CO₂ emissions in India during 1990s', IDPAD (Indo-Dutch Program on Alternative Development), Vol. II (1), January –June: 27-34.
63. **Mukhopadhyay, K. (2004).** An Assessment of Biomass Gasification Based Power Plant in the Sunderbans, *Biomass and Bioenergy: An International Journal*, 27(3): 253-264.
64. **Bandyopadhyay, S & K. Mukhopadhyay (2004).** Economic Analysis of Environmental Problems in Textile Dyeing Units: A Case Study of Ranaghat, West Bengal, *International Journal of Environment and Pollution*, 21(5):481-497.
65. **Mukhopadhyay, K. (2003).** An Empirical Relationship between Information and Energy in the Indian Economy during 1973-74 to 1996-97: Further evidence on Maxwell's Demon, *ANVESAK*, July - December, 33 (2): 104-116.
66. **Mukhopadhyay, K (2003)** Climate Change: An Indian Perspective, *Indian Journal of Economics*, Issue no 330, January: 305-330.
67. **Mukhopadhyay, K. (2003).** An Input-Output Study of the relationship between Information Sector, Energy Use and CO₂ Emission in the Indian Economy, *SYNTHESIS- A Journal of BLS Institute of Management*, July-December, 1(1):57-76.
68. **Mukhopadhyay, K. (2002).** Climate Change, Environmental Pollution and Prospect of Sustainable Development in India, *Journal of Economics*, published by An Annual Journal of the Department of Economics with Rural Development, Vidyasagar University, India, December:23-44
69. **Mukhopadhyay, K (2002).** A Structural Decomposition Analysis of Air Pollution from Fossil Fuel Combustion in India, *International Journal of Environment and Pollution*, 18(5):486-497

70. **Mukhopadhyay, K & D. Chakraborty. (2002).** Economic Reforms, Energy Consumption Changes and CO₂ Emission in India: A Structural Decomposition Analysis, *Asia Pacific Development Journal*, 9 (2): 107-129
71. **Mukhopadhyay, K. (2001).** An Empirical Analysis of the Sources of CO₂ emission Changes in India During 1973-74 to 1996-97, *Asian Journal of energy and environment*, 2(3-4): 231-269
72. **Mukhopadhyay, K & D Chakraborty. (2000).** Economic Reforms & Energy Consumption Changes in India: A Structural Decomposition Analysis, *Artha Vigyana*, XLII (4):305-324
73. **Mukhopadhyay, K & D Chakraborty. (1999).** India's Energy Consumption Changes during 1968-69 to 1991-92: A Structural Decomposition Analysis, *Journal of Applied Input-Output Analysis*, Keio University, Japan, December,5:51-67
74. **Mukhopadhyay, K & D. Chakraborty. (1999).** India's Energy Consumption Changes During 1973-74 to 1991-92, *Economic Systems Research*, 2(4):423-437

BOOK REVIEW (Referred Journal) Most recent First

75. **Mukhopadhyay, K. (2004).** Review of Michael T. Rock (2001) 'Pollution Control in East Asia: Lessons from Newly Industrializing Economy' (Resources for the Future, Washington, DC 2001, 197 pp), *Journal of Industrial Ecology*, 8(4):211-213.
76. Bandyopadhyay, J., and **K. Mukhopadhyay. (2002).** Review of Soederbaum, P. (1999) 'Ecological Economics' (London: Earthscan), *Journal of Industrial Ecology*, 5(4):117-118.

**Selected Working Paper / Conference Proceedings/Occasional Paper (Referred)
(Most recent first)**

77. **Mukhopadhyay, K., S. Jain and P. J. Thomassin (2017)** Economic implications of the whole genome sequencing technology to control Salmonella, *Tropical Medicine and International Health*, Vol 22 (Suppl. 1), pg 253
78. Alhashmi,M., P. J Thomassin and **K. Mukhopadhyay (2017)** Estimating the risk of non-communicable diseases: a case study of Canada, *Tropical Medicine and International Health*, Vol 22 (Suppl. 1), pg 320

79. Bhattacharyay B. N. and **K. Mukhopadhyay. (2013)**. Economy Wide Impact of the Trade Integration between Japan and India: A Computable General Equilibrium Analysis, CESifo Working Paper No. 4557, Centre for Economic Studies and Ifo Institute, December, www.cesifo.org/wp.
80. Dasgupta P., A. Ghosh, D. Chakraborty and **K. Mukhopadhyay. (2012)**. Factor Content of India's Foreign Trade with Developed and Developing Regions, Working paper 519, Forum for Research in Empirical International Trade, December.
81. **Mukhopadhyay K**, and D. Chakraborty. (2008). Energy and GHG modeling in Input -Output framework, in 'Input-Output Analysis for Indian and the World Economy' published by TERI, NewDelhi and the G-SEC (Global Security Research Institute), Keio University, Japan.
82. **Mukhopadhyay,K** and S. Bhattacharjya. (2006). Estimation of Marginal Abatement Cost of Air Pollution in Durgapur City of West Bengal, Working Paper # 13/2006, Madras School of Economics, Chennai, India.
83. **Mukhopadhyay, K (2006)** Trade Liberalisation and the Environment: Evidence from India, Conference proceedings of the *Indo-Dutch Programme on Alternatives in Development (IDPAD) End-phase Symposium: 'India's Development: Even or uneven? (Reflections on Development Theory and Practice)* jointly published by ICSSR, New Delhi and ISS, The Hague, Netherlands.
84. **Mukhopadhyay, K. (2005)**. Impact of Liberalised Trade on Energy Use and CO2 Emissions in India, *CDEP Occasional Paper 05*, March, IIMC India.
85. **Mukhopadhyay, K**, and O. Forssell. (2002). An Empirical Investigation of Air Pollution from Fossil Fuel Combustion and its Impact on Health in India During 1973-74 to 1996-97, Working paper 20, January, Oulu University, Oulu, Finland.

Selected Chapter in Edited Books (Referred) Most recent first

86. **Mukhopadhyay K. (2021)** Introduction. In: Mukhopadhyay K. (eds) Economy-Wide Assessment of Regional Policies in India – Applications of E3-India model. Palgrave Macmillan, Cham Switzerland. Pp 1-10 https://doi.org/10.1007/978-3-030-75668-0_1
87. **Mukhopadhyay K.,** Chewpreecha U. (2021) Data Construction and Sources: E3-India Model. In: Mukhopadhyay K. (eds) Economy-Wide Assessment of Regional Policies in India –

Applications of E3-India model. Palgrave Macmillan, Cham. Switzerland. pp33-48
https://doi.org/10.1007/978-3-030-75668-0_3

88. Thomassin P.J., **Mukhopadhyay K. (2021)** Application of E3-India Model in Agriculture and Food Processing Sector. In: Mukhopadhyay K. (eds) Economy-Wide Assessment of Regional Policies in India – Applications of E3-India model. Palgrave Macmillan, Cham. Switzerland. Pp49-102 https://doi.org/10.1007/978-3-030-75668-0_4
89. Sengupta P., Shrivastava S., **Mukhopadhyay K. (2021)** Importance of Capital Goods Sector: An Application of E3-INDIA Model. In: Mukhopadhyay K. (eds) Economy-Wide Assessment of Regional Policies in India – Applications of E3-India model. Palgrave Macmillan, Cham. Switzerland. Pp103-154 https://doi.org/10.1007/978-3-030-75668-0_5
90. Chewpreecha U., Prabhu V.S., **Mukhopadhyay K. (2021)** Impact of Electronics System and Design Manufacturing and IT Policy in Selected Regions. In: Mukhopadhyay K. (eds) Economy-Wide Assessment of Regional Policies in India – Applications of E3-India model. Palgrave Macmillan, Cham. Switzerland. Pp 155-192 https://doi.org/10.1007/978-3-030-75668-0_6
91. Chewpreecha U., Prabhu V.S., **Mukhopadhyay K. (2021)** Regional Impact of Automobile Policy in India. In: Mukhopadhyay K. (eds) Economy-Wide Assessment of Regional Policies in India – Applications of E3-India model. Palgrave Macmillan, Cham. Switzerland. Pp193-234 https://doi.org/10.1007/978-3-030-75668-0_7
92. Chewpreecha U., Prabhu V.S., **Mukhopadhyay K. (2021)** Regional Impact of Automobile Policy in India. In: Mukhopadhyay K. (eds) Economy-Wide Assessment of Regional Policies in India – Applications of E3-India model. Palgrave Macmillan, Cham. Switzerland. Pp235-280 https://doi.org/10.1007/978-3-030-75668-0_7
93. **Mukhopadhyay K.**, Jain K., Ghosh P.P. (2021) Liquidity Infusion: An Assessment of Atmanirbhar Package Using E3-India Model. In: Mukhopadhyay K. (eds) Economy-Wide Assessment of Regional Policies in India – Applications of E3-India model. Palgrave Macmillan, Cham. Switzerland. Pp 281-322 https://doi.org/10.1007/978-3-030-75668-0_10
94. **Mukhopadhyay K. (2021)** Sub-National Policy Impact in India: An Integrated Assessment. In: Mukhopadhyay K. (eds) Economy-Wide Assessment of Regional Policies in India. Palgrave Macmillan, Cham. Switzerland. Pp 323-379 https://doi.org/10.1007/978-3-030-75668-0_11
95. **Mukhopadhyay, K. (2019)** Implications of ASEAN Economic Integration on Services: A Global CGE Analysis, In "Skill Labour Mobility and Migration: Challenges and Opportunities for the ASEAN Economic Community", Asian Development Bank, Edward Elgar, UK&USA, ISBN 9781788116169 pp:89-113

96. Bhanumati P and **K. Mukhopadhyay (2018)** Challenges in construction of regional accounts in India, In Mukhopadhyay K edited “ Applications of the Input-Output Framework, Springer, Singapore, 978-981-13-1506-0, pp:413-38
97. Dasgupta, P and **K. Mukhopadhyay (2018)** India’s Intra-industry Trade: Implication on Vertical Specialization, Environment and Employment, In Mukhopadhyay K edited “ Applications of the Input-Output Framework, Springer, Singapore, 978-981-13-1506-0, pp: 315-46
98. **Mukhopadhyay, K,** and P. J. Thomassin. **(2015)**. *Estimating Macroeconomic Impacts with Computational General Equilibrium Modeling* –Chapter 2 In *Applying Modeling to Improve Health and Economic Policy Decisions in the Americas: The Case of Non-communicable Diseases* Edited by Branka Legetic and Michele Cecchini, Washington DC. PAHO-WHO-OECD.
99. **Mukhopadhyay, K. (2006)**. The Case of Electrical and Electronic Equipment:, Commentaries by experts in Chapter 2, *UNCTAD Trade and Environment Review*, 133-136 United Nations, New York and Geneva, 2006.
100. **Mukhopadhyay, K. (2006)**. A Review of the Socio-Economic and Environmental Benefits of Biomass Gasification Based Power Plant: Lessons from India, in edited volume of *Progress in Biomass and Bioenergy Research*, edited by Steven F. Warnmer, Nova Science Publishers, New York, USA.
101. **Mukhopadhyay, K,** D Chakraborty. **(2004)**. Environmental Impacts of Trade Liberalisation in India, in *Econometric Models: theory and applications*, Edited by D.M.Nachane, et al. Allied Publishers Limited, New Delhi.
102. Chakraborty, D, **K. Mukhopadhyay. (2000)**. Energy Consumption in India, In *Econometric Studies of Economic Reforms in India*, Edited by V.V.N. Somayajulu, Academic Foundation, New Delhi.

Selected Popular articles and Blogs/ Policy news

103. **Mukhopadhyay, K. (2019)**. At your service: Trade liberalization could bring huge benefits to Southeast Asia, Asian Development Bank Blog

<https://blogs.adb.org/blog/your-service-trade-liberalization-could-bring-huge-benefits-southeast-asia>

104. **Mukhopadhyay K (2018)** No grain self-sufficiency in China without changes to land policies,

<https://www.mcgill.ca/newsroom/channels/news/no-grain-self-sufficiency-china-without-changes-land-policies-287551>

105. **Mukhopadhyay, K. (2016)**. Price and Potential of India –Japan pacts, Policy FORUM, Policyforum.net, Asia and the Pacific Policy Society, Crawford School of Public Policy, Australia National University, <https://www.policyforum.net/price-and-potential-of-the-india-japan-pacts/>

News Channel/current topics

106. 'Crude shock: Oil price rise strengthens case for reduction in fuel taxes'. (<https://www.cnbctv18.com/economy/crude-shock-oil-price-rise-strengthens-case-for-reduction-in-fuel-taxes-8537521.htm>)

3 Key Services (most recent first)

1. Key reviewer(external evaluator) for the Dutch Research Council (NWO)'s KIC thematic research programme, Hague, Netherlands, 2021-2022
2. External evaluator for Nutrition Research Funding Program of Dairy Farmers Canada, 2020 and 2021
3. External evaluator for PhD Program at Symbiosis International University, Pune, India, March 2020 and September 2020
4. External evaluator to assess the Research study *undertaken in West Africa, CAPEC : Cellule d'Analyse des Politiques Economiques du-CIRES-Ivory Coast, October 10, 2019.*
5. Invited as an external examiner and external Committee member of a PhD. candidate, at the United Nations University and Maastricht University 2019
6. External examiner and external Committee member of PhD. candidate, at the University of Canberra 2017-2018
7. Invited as a member of the Scientific Programme Committee of International Input-Output Association, Austria, Vienna
8. Invited as key reviewer of Global Trade Analysis Project Conference, Purdue University, Purdue, USA since 2011
9. Key evaluator of UNEP/UNESCAP under the framework of ASEAN -"ASEAN Vision 2020"
10. Key expert under the UNSDG2030 and ASEAN Vision 2025 panel by UNESCAP, Bangkok 2017.

11. Key evaluator of UNEP/UNESCAP under the framework of ASEAN- “ASEAN Vision 2025 and complementary with UNSDG 2030” Jakarta, 2018
12. Invited as evaluator of Shastri Adjudication Committee, Alberta, Canada, 2012-14 and 2017-till date
13. External examiner and external Committee member of PhD. candidate at the De la Salle University, Manila 2014
14. Invited as a lead expert in a forum on “Trade and Growth Horizons for Asia: Long Term Forecasts for Regional Change” -- by ADB, Bangkok, 2005
15. Invited as a key expert under UNCTAD's Consultative Task Force on “Environmental Requirements and Market Access for Electrical and Electronic Goods”, - UNCTAD, Geneva and UN ESCAP, Bangkok, 2005

4 Invited Lectures at various International/National organization (most recent first)

1. UNU-MERIT, Maastricht, the Netherlands, October, 2019
2. LIPI, Indonesia Institute of Science, July, 2018
3. Asian Development Bank Institute, Tokyo, Japan March, 2018
4. Chinese Academy of Science, Beijing, December, 2017
5. Tsinghua University, School of Economics and Management, Beijing, December, 2017
6. Chinese Academy of Science, Beijing, November, 2017
7. Renmin University, Beijing November, 2017
8. Organisation of Economic Cooperation and Development-OECD, Paris, October, 2017
9. Beijing Normal University, Beijing, October, 2017
10. Chinese Academy of Science, Beijing, September, 2017
11. International Food Policy Research Institute, New Delhi January, 2017
12. Chinese Academy of Social Science, Beijing December, 2016
13. School of Economics, De La Salle University, Manila, March 2016
14. Asian Development Bank, Manila, March 2014
15. School of Economics, De La Salle University, Manila organized series of lectures, March 2014
16. Energy Studies Institute, New University Singapore, February, 2014

17. CIRAIG, Inter Université Research, École Polytechnique de Montréal, Canada, May 2009
18. Tata Energy Research Institute New Delhi, India December 2007
19. School of Energy Research and Development-SERD, Asian Institute of Technology, Bangkok, March 2007
20. Madras School of Economics, Chennai, April 2006
21. SERD, Asian Institute of Technology, Bangkok, September 2005
22. Thailand Environment Forum, in collaboration with Chiang Mai University at Thailand Development Research Institute, September 2005
23. United Nation, Trade and Environment Division of ESCAP, Bangkok August 2005
24. The International Institute for Trade and Development, Chulalongkorn University, Bangkok, August 2005
25. University de Quebec Montreal(UQAM), Montreal October 2002
26. Stockholm Environment Institute, Stockholm, Sweden, September 2001
27. Faculty of Economics and Industrial Management, Oulu University, Finland September 2001

5 Teaching experience

Graduate level Program - Gokhale Institute of Politics and Economics, Pune, India

- Microeconomics II (2019 -2022)
- Linear Economics (Fall 2019 and Fall 2020)
- Environmental Economics (2016,2018, 2019,2021-22)

Graduate and Undergraduate level Program – Agricultural Economics Program, McGill University since 2011.

Other Teaching Program

- Three units graduate level course in **Energy and Environmental Economics** as a Distinguished Visiting Professor at *De La Salle University, Manila*, 2014.
- Postgraduate program course in **Environmental and Resources Economics** at the *Madras School of Economics* (Aug – Dec 2006).
- Postgraduate program course at the *Indian Institute of Management Calcutta* (2001-4).
- **Environmental Economics** training program for senior level Govt. Official sponsored by the *World Bank and other organizations* 2002 & 2003.
- Postgraduate program course on **Environmental Management** in *Viswa Bharati University, Santiniketan* offered by Centre for Development and Environmental Policy,

Indian Institute of Management Calcutta (2004-6).

- Postgraduate program course on Environment Economics and **Business Management** at the *National Institute of Technology, Durgapur*, offered by the Indian Institute of Management Calcutta, 2004.

6 Thesis Supervision

- Msc. Thesis Co-Supervised at McGill University -12; Ongoing -1
- Supervising Honour's level thesis at McGill University(2021-22)

- PhD.Thesis Supervised, GIPE, Pune, India
Priti Mastakar, 2019
Thesis Title: An Evaluation of an integrated Sustainable Municipal Solid Waste Model: Case of Maharashtra, India

- PhD. Thesis Supervision Ongoing GIPE, PUNE, India
 1. P Bhanumati (2016-till date)
 2. Vishnu S. Prabhu(2019-till date)
 3. Priyam Sengupta(2020-till date)

7 Training Programme organized-Coordinator

1. The training programme on Environmental Economics sponsored by the World Bank held at the Indian Institute of Management Calcutta Feb 25-March 1, 2002.
2. The training programme on Environmental Economics sponsored by the World Bank held at the Indian Institute of Management Calcutta January 25-31, 2003.
3. First Input-Output Training Workshop for State Government. Officials in India, October 14 – 18, 2019, Gokhale Institute of Politics and Economics, Pune, India- Coordinator and Organiser
4. Second Input-Output Training Workshop for State Government. Officials in India, February 24 – 28, 2020, Gokhale Institute of Politics and Economics, Pune, India- Coordinator and Organiser
5. Third Input-Output Training Workshop for State Government. Officials in India, January 4 – 9, 2021, Gokhale Institute of Politics and Economics, Pune, India- Coordinator and Organiser

8 Conference and Workshop organized:

1. The Third Biennial Conference of the Indian Society for Ecological Economics on Biodiversity and Quality of Life held at Centre for Development and Environment Policy (CDEP) at the Indian Institute of Management Calcutta on 18-20 December 2003.
2. The Workshop on India in the 21st Century: Population, Economy, Human Development and the Environment Organized by the Centre for Development and Environment Policy (CDEP) in collaboration with the London School of Economics (LSE) 05 January, 2004.
3. **Conference Coordinator and Local Organizer** of the 19th National Conference of Input-Output Research Association of India, Gokhale Institute of Politics and Economics, Pune, India, January 11-12, 2017.
4. Virtual Workshop **Coordinator and Local Organizer** and Project Investigator, ICSSR project titled "Productivity growth from technology transfer in Indian manufacturing sector: A firm-level study: at Gokhale Institute of Politics and Economics, Pune, India, on 27-28 October, 2020
5. Virtual Workshop **Coordinator and Organizer** and Project Investigator, ICSSR project titled "Productivity growth from technology transfer in Indian manufacturing sector: A firm-level study: at Gokhale Institute of Politics and Economics, Pune, India, on 23 November, 2021.
6. Virtual Workshop **Coordinator and Organizer**, collaborated with UFZ, Leipzig, Germany and funded by Colorado State University, Fort Collins, USA, titled, 'Nexus Footprints – Combining indicators for Urban Food-Energy-Water Nexus Comparison: at Gokhale Institute of Politics and Economics, Pune, India on 30 November, 2021.

9 Research Projects Completed/ongoing

1. *Title of the Project:* Economic Analysis of Environmental Problems in Textile Dyeing Units: A Case Study of Ranaghat⁺, Indian Institute of Management Calcutta (IIMC), sponsored by IIMC
January to December, 2002
2. *Title of the Project:* A study on Biomass Gasification Based Power Plant in Chottomollakhali Island of Sunderban⁺, Indian Institute of Management Calcutta (IIMC), sponsored by West Bengal Renewable Energy Development Authority (WBREDA), India
2002 - 2003
3. *Title of the Project:* Environmental Scenario of Thermal Power plants in West Bengal: A Review⁺, Indian Institute of Management Calcutta (IIMC), sponsored by IIMC
January to December, 2003

4. *Title of the Project:* Estimation of abatement costs of air pollution in Durgapur City of West Bengal⁺, sponsored by SANDEE, IUCN, Kathmandu
2003 - 2004
5. *Title of the Project:* Review of the Status of Air Pollution in India and its Impact on Health of Lower Income Groups⁺⁺, sponsored by Indian Council of Social Science Research, New Delhi
2004 – 2006
6. *Title of the Project:* Promotion of Sustainable Development in the context of Regional Economic Integration - Strategies for Environmental Sustainability and Poverty Reduction*, sponsored by United Nation Environment Programme - Network Institute for Sustainable Development, Japan
2006 – 2008
7. *Title of the Project:* Scoping Review of the Literature on Mainstream Macroeconomic Impact Models for Chronic Disease Related to Industrial Sectors with Knowledge Synthesis and Critical Analysis of Three Macroeconomic Impact Modelling Frameworks for Canada*, sponsored by Public Health Agency of Canada
2009 – 2010
8. *Title of the Project:* Macroeconomic Impact of Biofuel in Canada*, McGill University, sponsored by Agriculture and Agri- Food Canada and Natural Resource Canada
2009 – 2010
9. *Title of the Project:* Macro-Economic Impact of Reducing Nutrition Related Chronic Disease by Adopting Healthy Diet in Canada*, McGill University, sponsored by Public Health Agency of Canada
2010 - 2011
10. *Title of the Project:* Macro-Economic Impacts of Increased Agricultural Productivity and Oil Price Shocks on International Food Supply and Prices using GTAP dynamic model*, sponsored by Agriculture and Agri- Food Canada
2011 - 2012
11. *Title of the Project:* Foundational Work for a Global Approach to Childhood Obesity and Other Lifestyle Related Health Problems: A Canada-India*, The McGill World Platform for Health and Economic Convergence, Desautels Faculty of Management and the Department of Agricultural Economics Program, McGill University /sponsored by Canadian Institute of Health Research
2009 - 2013
12. *Title of the Project:* Consequential Life-Cycle Assessment of Using Wood Pellets in Greenhouse Vegetable Production to Replace Conventional Fuel Types*, sponsored by

- Linking Environment and Agriculture Research Network Grant 2012 - 2013
13. *Title of the Project:* Economy Wide Impact of Comprehensive Economic Partnership Agreement between India and Canada at 2030⁺, sponsored by SICI-PDIG Shastri Indo-Canadian Research Institute, Calgary 2012 - 2013
14. *Title of the Project:* Macroeconomic Impacts on Household Income and Expenditures*, sponsored by Public Health Agency of Canada 2012 - 2013
15. *Title of the Project:* Economic and Environmental Impact of Bioenergy Production in Canada*, sponsored by Biofuel Net National Centre of Excellence Canada 2012 - 2015
16. *Title of the Project:* Impact of NCD Reduction on Workforce Productivity in Canada*, sponsored by WHO Collaborating Centre and the Public Health Agency of Canada 2013 - 2014
17. *Title of the Project:* Greening trade in ASEAN⁺, sponsored by UNEP, ESCAP, Bangkok 2014 - 2015
18. *Title of the Project:* Food Consumption in Canada*, sponsored by Agriculture and Agri-Food Canada January to December 2015
19. *Title of the Project:* Sustainable and Environmental Food Metrics*, sponsored by Agriculture and Agri-Food Canada(Honorary Advisor) April 2016 to February 2017
20. *Title of the Project:* Economic Impact of a change in consumption to a healthy diet on the Agri-Food Supply Chain*,(Honorary Advisor) sponsored by Agriculture and Agri-Food Canada July to December 2017
21. *Title of the Project:* Productivity Growth from Technology transfer in Indian Manufacturing sector: A firm level Study⁺⁺, NMIMS and GIPE, Pune, sponsored by Indian Council of Social Science Research, ICSSR, New Delhi January 2020 to February 2022
22. *Title of the Project:* Future Earth PEGASuS: SUGI-NEXUS⁺, GIPE, Pune/sponsored by Colorado Global Hub, Future Earth, School of Global Environmental Sustainability, Colorado State University January to November 2021

23. *Title of the Project:* Preparation of Supply-Use Tables (SUT) Input Output Transaction Table (IOTT) for the State of Maharashtra+, GIPE, Pune/sponsored by Directorate of Economics and Statistics (DES), Maharashtra,India January 2022 – till date

*Principal economic modeler/Senior Researcher.

+Principal investigator-P.I

**Co-Principal investigator

10 Expert Reviewer of Peer Reviewed Journal

1. **Ecological Economics**, Elsevier Editorial System, Center for Energy and Environmental Studies Boston University, 675 Commonwealth Avenue, Boston, MA 02215.
2. **The Journal of Environment and Development**, Graduate School of International Relations and Pacific Studies, University of California, San Diego 0519, 9500 Gilman Drive, La Jolla, CA 92093-0519.
3. **International Journal of Environment & Pollution**, Inderscience Publisher, United Kingdom, www.inderscience.com.
4. **Solar Energy**, Journal of International Solar Energy Society, Dept. of Mech and Aero.Eng. University of Florida, Gainesville, FL, USA 32611-6300.
5. **Energy Economics**, Elsevier Editorial System, ZMK Hamburg University, Bundesstrasse 55, 20146 Hamburg, Germany Or, Department of Management Science and Engineering, Stanford, University, Stanford, CA 94305- 4026, USA.
6. **Energy**, Elsevier Editorial System, School of Engineering and Applied Science, Department of Mechanical Engineering and Applied Mechanics, University of Pennsylvania, 297 Towne Building, 220 South 33rd Street, Philadelphia, PA 19104-6315, USA.
7. **Energy Policy**, Elsevier Editorial System, Le Bourg, Chavagnac, 16260 Cellefrouin, France
8. **Economic Systems Research**, The international scholarly journal of the International Input-Output Association (IIOA), Routledge, the Netherlands.
9. **Economic Modeling**, Elsevier Editorial System, University of Leicester, University Rd. Leicester, LE1 7RH, UK.
10. **Environmental and Resource Economics**, Springer, the Netherlands.
11. **World Development**, University of Michigan, School of Natural Resources and Environment, Dana Building, 440 Church Street, Ann Arbor MI 48109, USA.
12. **International Journal of Cleaner Production**, Elsevier Science Journal.
13. **International Journal of Economic Policy in Emerging Economies**, Inderscience Publisher.
14. **Artha Vijnana**, Gokhale Institute of Politics & Economics, BMCC Road, Pune 411004, Maharashtra, India

16. **Journal of Systems Science and Complexity**, Springer

17. **Journal of Economic Structures**, Springer

Editorial Board

Frontiers Energy Research

EPFL Innovation Square, Building I

Lausanne, Switzerland

11 Membership of professional bodies

1. International Input-Output Association (IIOA), P.O.Box 108, A-1033, Vienna, Austria
2. International Association of Energy Economics (IAEE),Cleveland, Ohio, United States
3. American Economic Association, Nashville, Tennessee, United States
4. Canadian Economic Association, Vancouver, Canada
5. Input-Output Research Association of India, Gokhale Institute of Politics and Economics, Pune, India
6. South Asian Network for Development and Environmental Economics (SANDEE) C/O IUCN, NEPAL, Kathmandu
7. GTAP –Global Trade Analysis Project
8. ESCAP-ArtNet
9. Indian Society for Ecological Economics (INSEE),Institute of Economic Growth, University Enclave, Delhi-110007

10.Conference Papers presented -102

International -79 India-23

List of conferences attended and presented papers and/or chaired Sessions-**Sponsored visit International -79**

1.

Title	India’s Energy Consumption Changes During 1973-74 To 1991-92
Author	Mukhopadhyay K & D. Chakraborty
Venue	12th International Conference of Input-Output Technique held at New York University, New York, U.S.A in May 1998

2.

Title	Energy Consumption Changes And Carbon Dioxide Emission In India During 1968-69 to 1996-97
Author	Mukhopadhyay K & D. Chakraborty
Venue	13th International Conference on Input-Output Technique held at Macerata University, Italy, 21st to 25th August 2000

3.

Title	A structural decomposition analysis of air pollution from fossil fuel combustion in India
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Author	Mukhopadhyay K
Venue	9th International energy conference (Energex 2002) held at Krakow, Poland May 19-24,2002

4.

Title	An Empirical Study Of The Sources Of Air Pollution From Fossil Fuel Combustion In India
Author	Mukhopadhyay K
Venue	Second World Congress on Environment and Resource Economists at Monterey, California June 24-27th,2002

5.

Title	An Empirical investigation Of Air Pollution From Fossil Fuel Combustion and its impact on health In India during 1973-74 to 1996-97
Author	Mukhopadhyay K & O. Forssell
Venue	14th International Conference on Input-output technique at UQAM ,Montreal, Canada October 10-15th,2002

6.

Title	An Empirical Relationship Between Information ,Energy and CO2 Emissions In India During 1973-74 To 1996-97
Author	Mukhopadhyay K
Venue	14th International Conference on Input-output technique at UQAM ,Montreal, Canada October 10-15th,2002

7.

Title	Environmental impacts of trade Liberalisation in India
Author	Mukhopadhyay K & D. Chakraborty
Venue	ECOMOD 2003 conference held at July 3-5,2003 at Istanbul, Turkey

8.

Title	Testing the pollution haven hypothesis: towards a green Leontief paradox
Author	Dietzenbacher E and K. Mukhopadhyay
Venue	International Eco-Efficiency Conference(Eco-efficiency for Sustainability, held at Leiden, the Netherlands, April 1-3,2004

9.

Title	Impact of Trade on Energy Use and Environment in India: An Input-output Analysis
Author	Mukhopadhyay K
Venue	Input-Output and General Equilibrium: Data, Modeling and Policy Analysis, held at Free University of Brussels, Brussels, September 2 – 4, 2004, International Conference Jointly Organized by the EcoMod Network and the IIOA

10.

Title	An empirical examination of the pollution haven hypothesis for India: towards a green Leontief paradox?
Author	Dietzenbacher E and K. Mukhopadhyay

Venue	Input-Output and General Equilibrium: Data, Modeling and Policy Analysis, held at Free University of Brussels, Brussels, September 2 – 4, 2004, International Conference Jointly Organized by the EcoMod Network and the IIOA
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11.

Title	Estimation of abatement costs of air pollution in Durgapur City of West Bengal
Author	Mukhopadhyay , K & S. Bhattacharjya,
Venue	Joint international Conference on Sustainable Energy and Environment held at Hua Hin Thailand, 1-3 December, 2004

12

Title	Poverty and Environment : An Input-output approach
Author	Mukhopadhyay , K
Venue	15th International Conference on Input-Output Technique at Renmin University, Beijing, 27th June-1st July,2005

13

Title	Pollution Haven and Factor Endowment Hypotheses Revisited: Evidence from India
Author	Mukhopadhyay, K, D. Chakraborty and E. Dietzenbacher
Venue	15th International Conference on Input-Output Technique at Renmin University, Beijing, 27th June-1st July,2005

14.

Title	Energy Intensity in India during Pre-Reform and Reform Period – An Input-Output Analysis
Author	Mukhopadhyay, K, and D. Chakraborty
Venue	15th International Conference on Input-Output Technique at Renmin University, Beijing, 27th June-1st July,2005

15

Title	Abatement Cost of Air Pollution in an Industrial Complex of India: A Case Study of Durgapur
Author	Mukhopadhyay, K, S. Bhattacharya and D. Chakraborty
Venue	US Society for Ecological Economics Conference, 2005 held at Tacoma, USA, July 20-23, 2005

16.

Title	Impact of Thailand's Trade with OECD on the Environment
Author	Mukhopadhyay, K
Venue	Sixth Annual Fellows Conference, Asian Scholarship Foundation, The Davis Bangkok Hotel, Bangkok, July 2-4, 2006

17.

Title	Pollution Havens or Factor Endowments: A Study on Thailand
Author	Mukhopadhyay, K

Venue	Third World Congress on Environment and Resource Economists at Kyoto University at KICH, Kyoto, Japan July 3-7, 2006 and chaired a session on "Trade and Environment II"
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18

Title	Poverty and Environment India
Author	Mukhopadhyay, K
Venue	16th International Conference on Input-Output Technique at Istanbul Technical University, Turkey, 2-6 July,2007

19

Title	Debate on Trade and Environment: Case of Thailand
Author	Mukhopadhyay, K
Venue	16th International Conference on Input-Output Technique at Istanbul Technical University, Turkey, 2-6 July,2007

20.

Title	Impact of East-Asian Free Trade on the Environment- an Exercise with GTAP Modeling
Author	P. J.Thomassin and K. Mukhopadhyay
Venue	16th International Conference on Input-Output Technique at Istanbul Technical University, Turkey, 2-6 July,2007

21.

Title	Impact of Trade Liberalization Title on the Environment –Illustrations from East Asia
Author	Mukhopadhyay, K and P.J. Thomassin
Venue	11th Annual Conference on Global Economic Analysis, Marina Congress Centre Helsinki, Finland, June 12-14,2008

22.

Title	Energy Use and GHG Emissions in India
Author	Mukhopadhyay, K and D. Chakraborty
Venue	The International Input-Output Meeting on Managing The Environment, Seville 9-11 July 2008.

23.

Title	Dynamics of Free Trade in East Asian Countries
Author	Mukhopadhyay, K and P.J. Thomassin
Venue	The International Input-Output Meeting on Managing The Environment, Seville 9-11 July 2008.

24.

Title	Economic Impact of Trade Reforms between India and Latin American Countries
Author	Mukhopadhyay, K, D. Chakraborty and P.J. Thomassin
Venue	17th International Input-Output Conference, held at Sao Paolo, Brazil, 13-17 July 2009.

25.

Title	Trade and Environment : A Case of Indonesia
Author	Gumilong, H. K. Mukhopadhyay, and P.J. Thomassin
Venue	17th International Input-Output Conference, held at Sao Paolo, Brazil, 13-17 July 2009.

26.

Title	Economic impact of freer trade in LAC: A GTAP Analysis
Author	Mukhopadhyay, K, P.J. Thomassin and D. Chakraborty
Venue	III Meeting on Computable General Equilibrium Models organized by the Inter-American Development Bank and the Economic Commission for Latin America and the Caribbean in Buenos Aires, Argentina - on September 2nd and 3rd , 2010

27.

Title	Trade and Environment: Evidence from Thailand
Author	Mukhopadhyay, K
Venue	3rd International Wuppertal Colloquium 2010 in Brussels organized by Wuppertal Institut Germany and European Commission

28.

Title	Forging Economic Partnership between India and Japan: Prospects and Challenges
Author	Kawai, M., B. Bhattacharya and K. Mukhopadhyay
Venue	9 th Biennial Pacific Rim Conference April 26-29,2011, Brisbane Australia

29.

Title	Macro-Economic Impact of Adopting Healthy Diet in Canada
Author	Mukhopadhyay, K and P.J.Thomassin
Venue	19 th International Input-Output Conference held at Washington, DC. June 13-17,2011

30.

Title	Resource Intensity in India
Author	Mukhopadhyay, K and D. Chakraborty
Venue	19 th International Input-Output Conference held at Washington, DC. June 13-17,2011

31.

Title	Economy Wide Impact of the Trade Integration between Japan and India: A GTAP Analysis
Author	Mukhopadhyay, K and B. Bhattacharya
Venue	19 th International Input-Output Conference held at Washington, DC. June 13-17,2011

32

Title	An Investigation of the Leontief Paradox using Canadian Agriculture and Food Trade: An Input-Output Approach
Author	WU, T., P.J. Thomassin, K. Mukhopadhyay

Venue	20 th International Input-Output Conference held at Bratislava, Slovakia. June 25-29,2012
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33.

Title	Economy wide Impact of CEPA between Canada and India
Author	Mukhopadhyay, K , P. J. Thomassin
Venue	20 th International Input-Output Conference held at Bratislava, Slovakia. June 25-29,2012

34

Title	Water pollution in India: An Input-Output Analysis
Author	Mukhopadhyay, K , D. Chakraborty
Venue	20 th International Input-Output Conference held at Bratislava, Slovakia. June 25-29, 2012

35

Title	A Life Cycle Inventory analysis of Wood Pellets for Macdonald Campus, Quebec
Author	WU, T., K. Mukhopadhyay and P.J. Thomassin
Venue	North American Regional Science Conference held at Ottawa, November 2012.

36.

Title	Energy and Environmental Impact of Free Trade Agreements in ASEAN Region using a Global CGE Model
Author	Mukhopadhyay , K
Venue	E3 System Modeling and Analysis of Energy and Environmental Policy Reforms in Asia” Organised by Energy Studies Institute, New University Singapore, February 13-14, 2014

37

Title	Economic and Environmental Impacts of Biofuel Policy in Canada: An Application of Input-Output Modelling
Author	Mukhopadhyay , K, X. Chen and P.J. Thomassin
Venue	Environment Canada invited Sessions at the Canadian Economic Association Meetings, Ryerson University, Toronto, Ontario, May 29—May 31, 2015

38

Title	Impact of NCD Reduction on Workforce Productivity in Canada
Author	Mukhopadhyay , K and P.J. Thomassin
Venue	23 rd International Input-Output Conference held at Mexico City, Mexico. June 22-26, 2015

39

Title	R&D Content of Intermediate Inputs and Productivity in Indian Industries
Author	Sikdar C., and K. Mukhopadhyay
Venue	23 rd International Input-Output Conference held at Mexico City, Mexico. June 22-26, 2015

40

Title	The Impact of Intra-Industry Trade on the Environment
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Author	Dasgupta P. and K. Mukhopadhyay
Venue	23 rd International Input-Output Conference held at Mexico City, Mexico. June 22-26, 2015

41

Title	Resource Requirements for Planned Infrastructure Targets in India
Author	Sengupta P. and K. Mukhopadhyay
Venue	23 rd International Input-Output Conference held at Mexico City, Mexico. June 22-26, 2015

42

Title	The Potential Impact of Trade Liberalization on Poverty and Inequality in Pakistan: A CGE Approach
Author	Khan M.A. and K. Mukhopadhyay
Venue	23 rd International Input-Output Conference held at Mexico City, Mexico. June 22-26, 2015

43

Title	Economic Wide Impact of Regional Economic Integration of Asia's Emerging Economies
Author	Mukhopadhyay K.
Venue	International Conference of ASEAN studies 'ASEAN Studies at the Crossroads' held at the Chulalongkorn University, Bangkok August 3-5, 2015

44

Title	Social Impact of The ASEAN Economic Community (Key note Address)
Author	Mukhopadhyay K.
Venue	International Conference of ASEAN studies 'ASEAN Studies at the Crossroads' held at the Chulalongkorn University, Bangkok, August 3-5, 2015

45

Title	Macroeconomic Effects of Chronic Disease- NCDs on the particular economy and its impact on other economies of the world
Author	Mukhopadhyay K. and P. J. Thomassin
Venue	Regional Workshop on Economic Aspects of NCDs and Their Risk Factors: A joint activity of Department of Non Communicable Diseases and Mental Health (NMH) Department of Health Systems and Services (HSS) organized by Pan American Health Organization\World Health Organization (PAHO\WHO) and OECD held at PAHO headquarters in Washington DC, August 24-25, 2015

46

Title	Implications of AS EAN Economic integration on Services: A global CGE Analysis
Author	Mukhopadhyay K.
Venue	Conference on Benefiting from Skill Mobility under the ASEAN Economic Community, ADB Headquarter, Manila, 31 March and 1 April 2016

47.

Title	Renewable Energy in India
Author	Mukhopadhyay K.

Venue	Environment Canada invited Sessions at the Canadian Economic Association Meetings, Ottawa University, Ottawa, Ontario, June 3-5, 2016
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48.

Title	Economy wide impact of TPP : New Challenges to China
Author	Chandrima Sikdar and Kakali Mukhopadhyay
Venue	24th International Input-Output Conference held at Yonsei University, Seoul, Korea, July 3-9, 2016

49.

Title	The Impact of TPP on selected ASEAN Economies
Author	Paramita Dasgupta and Kakali Mukhopadhyay
Venue	24th International Input-Output Conference held at Yonsei University, Seoul, Korea July 3-9, 2016

50.

Title	India's Renewable Energy target at 2030 : An Integrated CGE and I-O exercise
Author	Medhavene Wadve and Kakali Mukhopadhyay
Venue	24th International Input-Output Conference held at Yonsei University, Seoul, Korea July 3-9, 2016

51.

Title	The Impact of TPP on the Canadian economy
Author	Kakali Mukhopadhyay and Paul J.Thomassin
Venue	24th International Input-Output Conference held at Yonsei University, Seoul, Korea July 3-9, 2016

52.

Title	Implications of the Trans-Pacific Partnership Agreement for Pakistan: A Global CGE Approach
Author	Muhammad Aamir Khan and Kakali Mukhopadhyay
Venue	24th International Input-Output Conference held at Yonsei University, Seoul, Korea July 3-9, 2016

53.

Title	Renewable Energy Goals in the Philippines at 2030
Author	Krista Danielle Yu, and Kakali Mukhopadhyay
Venue	24th International Input-Output Conference held at Yonsei University, Seoul, Korea July 3-9, 2016

54

Title	Impact of Proposed Energy Vision 2025 of Pakistan
Author	Muhammad Aamir Khan and Kakali Mukhopadhyay
Venue	24th International Input-Output Conference held at Yonsei University, Seoul, Korea July 3-9, 2016

55.

Title	Towards Green trade: A case of ASEAN vision 2020
Author	Kakali Mukhopadhyay and Walter Reinhardt

Venue	2016 International Conference on Green Trade, Beijing China, December 6-7, 2016 Organised by UNEP-ESCAP, SEI and Beijing Normal University
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56.

Title	Food Security in China at 2050
Author	Kakali Mukhopadhyay, Jingyuan Zhang, and Paul J Thomassin
Venue	Canadian Agriculture Economic Society meeting held at Montreal June 18-20,2017

57.

Title	Supply Chain Analysis of the Agriculture and Agri-food Sector
Author	Kakali Mukhopadhyay, Louis Robert and Paul J. Thomassin
Venue	Canadian Agriculture Economic Society meeting held at Montreal June 18-20,2017

58.

Title	The cost of compliance to the Paris Agreement and its distribution: An input-output analysis of the Canadian economy
Author	Louis Robert, Paul J. Thomassin and Kakali Mukhopadhyay
Venue	25 th IIOA Conference in Atlantic City, USA June 19-23,2017

59.

Title	Factoring Interstate Trade in Regional Input-Output Tables of States of India
Author	P. Bhanumati and Kakali Mukhopadhyay
Venue	25 th IIOA Conference in Atlantic City, USA June 19-23,2017

60.

Title	Technology Transfer and Productivity Growth: An evidence from Indian Manufacturing Industries
Author	Chandrima Sikdar and Kakali Mukhopadhyay
Venue	25 th IIOA Conference in Atlantic City, USA June 19-23,2017

61.

Title	Economic Impact of GVC: Case of China and India
Author	Kakali Mukhopadhyay and Cuihong Yang
Venue	ICES 2018, Nagoya University, Nagoya, Japan

62.

Title	Regional Impacts of Renewable Energy Targets on the Indian Economy An Application of E-3 India model
Author	Kakali Mukhopadhyay and Partha Pratim Ghosh
Venue	ICES 2018, Nagoya University, Nagoya, Japan

63.

Title	An Economic Analysis of Salmonella Detection in Fresh Produce, Poultry, and Eggs Using Whole Genome Sequencing Technology in Canada
Author	Sonali Jain, Kakali Mukhopadhyay and Paul J.Thomassin
Venue	26 th IIOA Conference in Juiz de Vora, Rio de Janerio June 25-29,2018

64.

Title	Vertical and Horizontal Specialization Revisited: Case of India
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Author	Paramita Dasgupta and Kakali Mukhopadhyay
Venue	26th IIOA Conference in Juiz de Vora, Rio de Janerio June 25-29,2018

65.

Title	Economy wide Assessment of Global Value Chains- Case of China and India
Author	Paramita Dasgupta, Kakali Mukhopadhyay and Cuihong Yang
Venue	26th IIOA Conference in Juiz de Vora, Rio de Janerio June 25-29,2018

66.

Title	Implications of clean energy targets for the Indian Economy based on the E3 Model
Author	Kakali Mukhopadhyay and Partha Pratim Ghosh
Venue	26th IIOA Conference in Juiz de Vora, Rio de Janerio June 25-29,2018

67.

Title	Implication of Global Value Chain on Labour: Case of East Asia
Author	Kakali Mukhopadhyay
Venue	“Labor In East Asia” ERIA Annex Office, Jakarta, 2-3 July 2018

68.

Title	Regional Impact of Clean Energy in 2035: An Application of E3 India Model
Author	Kakali Mukhopadhyay, Partha Pratim Ghosh and Arihant Jain
Venue	The 53rd Annual Conference of the Canadian Economic Association, the Banff Centre for Arts and Creativity, Calgary, Alberta May 30, 2019 - June 2, 2019

69.

Title	Climate Resilience and Nationally Determined Commitments: Mapping Regional Resonance for India
Author	Surabhi Joshi and Kakali Mukhopadhyay
Venue	2019 MIT (Massachusetts Institute of Technology) Applied Energy “A+B” Symposium, Cambridge, USA May 22-24, 2019

70.

Title	Estimating welfare Impacts of de-facto and de-jure state transfers towards financial inclusion across Indian households
Author	Partha Pratim Ghosh and Kakali Mukhopadhyay
Venue	27th International Input-Output Conference, June 30 - July 5th, 2019, in Glasgow, Scotland, UK.

71.

Title	Evaluating effectiveness of Indian COP24 commitments towards low carbon sustainable growth trajectory for India
Author	Surabhi Joshi and Kakali Mukhopadhyay
Venue	27th International Input-Output Conference, June 30 - July 5th, 2019, in Glasgow, Scotland, UK.

72

Title	Economic Transformation of Japan, 1885-2015 : Supply Side Approach
Author	Kakali Mukhopadhyay, Partha Pratim Ghosh and Arihant Jain
Venue	27th International Input-Output Conference, June 30 - July 5th, 2019, in

	Glasgow, Scotland, UK.
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73

Title	Assessment of Regional disparities in India: survey-based regional input-output vs a regionalised location quotient based input-output model
Author	P.Bhanumati and Kakali Mukhopadhyay
Venue	27th International Input-Output Conference, June 30 - July 5th, 2019, in Glasgow, Scotland, UK.

74

Title	Economic Accounting of Water Use and Wastewater generation in India
Author	Kakali Mukhopadhyay, Karan Kumar, Paul J. Thomassin
Venue	27th International Input-Output Conference, June 30 - July 5th, 2019, in Glasgow, Scotland, UK.

75

Title	Trade Liberalization and Income Inequality: The Case for Pakistan
Author	Muhammad Aamir Khan, Terrie Walmsley and Kakali Mukhopadhyay
Venue	ASSA Meeting 2020, American Economic Association, San Diego, CA January 3-5, 2020

76

Title	Impact of Trade liberalization on Income in Pakistan
Author	Muhammad Aamir Khan, Terrie Walmsley and Kakali Mukhopadhyay
Venue	23rd Annual Conference on Global Economic Analysis "Global Economic Analysis Beyond 2020", National Graduate Institute for Policy Studies, Japan and GTAP, Purdue---VIRTUAL, June 17-19, 2020

77.

Title	Technology Import-Did it promote productivity in Indian Manufacturing Firms?
Author	Chandrima Sikdar and Kakali Mukhopadhyay
Venue	11th Conference on Model-based Evidence on Innovation and Development (MEIDE) held on 8-9 October 2019 in Abidjan, Ivory Coast organised by The United Nations University in the Netherlands (UNU-MERIT) and the CAPEC, Abidjan

78.

Title	Economic accounting of Green, Blue and Grey water use in agriculture in India
Author	Karan Kumar, Kakali Mukhopadhyay and Paul J. Thomassin
Venue	Environment Canada Invited Session at the 55th Annual Conference of the Canadian Economics Association, June 3-5, 2021 Hosted by the department of Economics, Simon Fraser University, Canada

79.

Title	Regional Impact of India's Renewable Energy Mandates: An Application of E3-India Model
Author	Vishnu S. Prabhu and Kakali Mukhopadhyay
Venue	1st International Association for Energy Economics (IAEE) Online Conference, June 7-9, 2021

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80.

Title	India's Energy Consumption Changes During 1973-74 To 1989-90: An Input-Output Approach
Author	Kakali Mukhopadhyay & Debesh Chakraborty
Venue	33rd Indian Econometric Conference at University of Hyderabad, India in March 1997

81.

Title	Economic Reforms And Energy Consumption Changes In India: A Structural Decomposition Analysis
Author	Kakali Mukhopadhyay & Debesh Chakraborty
Venue	36th Indian Econometric Conference at Devi Ahilya University, Indore, India 4-6 February 2000

82.

Title	Industrial Carbon Dioxide Emission In India During 1991-92 To 1996-97
Author	Kakali Mukhopadhyay
Venue	36th Indian Econometric Conference at Devi Ahilya University, Indore, India 4-6 February 2000

83.

Title	An Empirical Relationship Between Information And Energy In Indian Economy during 1973-74 to 1996-97: Further Evidence on Maxwell's Demon
Author	Kakali Mukhopadhyay & Debesh Chakraborty
Venue	37th Indian Econometric Conference held at South Gujarat University, Surat, Gujrat , India , February' 2001

84.

Title	Economic Reforms & Energy Consumption Changes in India :A Quantitative Analysis
Author	Kakali Mukhopadhyay & Debesh Chakraborty
Venue	"Industrialisation in a reforming economy :Quantitative assessment", Institute of Economic Growth, New Delhi, 20-22 Dec 2000

85.

Title	Energy Consumption Changes And Carbon dioxide Emissions In India During 1968-69 To 1996-97: An Input-Output Approach
Author	Kakali Mukhopadhyay & Debesh Chakraborty
Venue	IX th Indian Input-Output Conference Held At Hyderabad University, Hyderabad 16-18th March'2001 Organized By IORA.

86.

Title	An Input-Output Study of The Relationship between Information and Energy in Indian Economy During 1973-74 To 1996-97
Author	Kakali Mukhopadhyay & Debesh Chakraborty
Venue	IX th Indian Input-Output Conference Held At Hyderabad University, Hyderabad 16-18th March'2001 Organized By IORA

87.

Title	An Empirical Analysis of CO2 Emission in India during 1973-74 to 1996-97
Author	Kakali Mukhopadhyay & Debesh Chakraborty
Venue	38th Indian Econometric Conference held at Madras School of Economics, Chennai, India , Jan 14th to 16th ' 2002

88.

Title	Water Pollution Generation and Abatement Costs in Selected Industries of West Bengal
Author	Debesh Chakraborty, Sidharta Dutta, Pradip Maity and Kakali Mukhopadhyay
Venue	National Seminar on Water organized by CESS held at Hyderabad, July 30-31, 2003

89.

Title	An Output Distance Function Approach to Estimation of Air Pollution Abatement Cost of an Industrial Complex in India: A Case Study of Durgapur.
Author	Kakali Mukhopadhyay & Souvik Bhattacharjya
Venue	41st Annual Conference of 'The Indian Econometric Society' Jadavpur University from 20th January 2005 to 22nd January 2005.

90.

Title	Trade Liberalisation and the Environment: Evidence from India
Author	Kakali Mukhopadhyay
Venue	IDPAD End –Symposium held at CESS, Hyderabad 1-3 November, 2006

91.

Title	Energy and GHG Modeling in Input -Output Framework
Author	Kakali Mukhopadhyay & Debesh Chakraborty
Venue	TERI and the G-SEC (Global Security Research Institute), Keio University, Conference on 'Input–Output Analysis for Indian and the World Economy' held at TERI, New Delhi, India on 17 December 2007

92.

Title	The Impact of CEPA on the Economy, Energy Resources and the Environment of Canada and India
Author	Debesh Chakraborty, Kakali Mukhopadhyay and Partha Pratim Ghosh
Venue	'Engaging Canada : A Multi-Disciplinary Conference' organized by the Shastri Indo-Canadian Institute in collaboration with Indian Institute of Management Calcutta, the Canadian High Commission, New Delhi , the University of Calcutta and Jadavpur University on December 3-4, 2011, at the Indian Institute of Management Calcutta.

93.

Title	A Study on the Macro Economic Impact of Biofuel Sector in Canada and its Implication on the Biofuel Policy
Author	Kakali Mukhopadhyay and Paul J. Thomassin
Venue	'Engaging Canada : A Multi-Disciplinary Conference' organized by the Shastri Indo-Canadian Institute in collaboration with Indian Institute of Management Calcutta, the Canadian High Commission, New Delhi , the University of Calcutta and

	Jadavpur University on December 3-4, 2011, at the Indian Institute of Management Calcutta.
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94.

Title	An Input-Output Framework for Analysing Energy Consumption and GHG emissions in India
Author	Kakali Mukhopadhyay & Debesh Chakraborty
Venue	16th IORA conference held at Gokhale Institute of Politics and Economics, Pune India, March 6-8, 2012.

95.

Title	Impact of Trade Liberalisation in India and Latin American Countries: A GTAP Analysis
Author	Kakali Mukhopadhyay, Paul J. Thomassin. and Debesh Chakraborty
Venue	16th IORA Conference held at Gokhale Institute of Politics and Economics, Pune, India, March 6-8, 2012.

96.

Title	Impacts of Comprehensive Economic Partnership Agreement between India and Canada – A Global CGE Model
Author	Kakali Mukhopadhyay, Howard Gumilang, Debesh Chakraborty, and Arpita Ghose
Venue	Golden Jubilee Conference of the Indian Econometric Society (Ties) held at Indira Gandhi Institute of Development Research, Mumbai ,22-24 December, 2013

97.

Title	Impact of Population on Energy and Environment: Evidence from India
Author	Kakali Mukhopadhyay, Debesh Chakraborty and Sabari. Bandyopadhyay
Venue	XXXVI Annual Conference of the Indian Association for the Study of Population (IASP), organized by University of Kerala, Kariavattom, Thiruvananthapuram, November 7-9, 2014

98.

Title	Economic and Environmental Impact of National Food Security Act of India
Author	Debesh Chakraborty, Priyam Sengupta and Kakali Mukhopadhyay
Venue	XXXVI Annual Conference of the Indian Association for the Study of Population (IASP), organized by University of Kerala, Kariavattom, Thiruvananthapuram, November 7-9, 2014

99.

Title	Economy wide Impact of R and D Expenditure in India.
Author	Kakali Mukhopadhyay and Partha Pratim Ghosh
Venue	8 th Conference on Micro Evidence on Innovation and Development (MEIDE) Organized by World Bank, OECD, UNU MERIT, 10-12 February, 2015 New Delhi

100.

Title	Productivity and R & D Content of Intermediate Inputs – Evidence from Indian Industries.
Author	Chandrima Sikdar and Kakali Mukhopadhyay
Venue	8 th Conference on Micro Evidence on Innovation and Development (MEIDE)

	Organized by World Bank, OECD, UNU MERIT, 10-12 February, 2015 New Delhi
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101.

Title	Estimates of capital formation at state level in India
Author	Bhanumati P and Kakali Mukhopadhyay
Venue	19 th National Conference of the Input-output research association of India Organised by GIPE, January 11-12, 2017

102.

Title	Pollution Haven Hypothesis and India's Intra-industry Trade: An Analysis
Author	Paramita Dasgupta and Kakali Mukhopadhyay
Venue	19 th National Conference of the Input-output research association of India Organised by GIPE, January 11-12, 2017

103.

Title	Valuation of Natural Capital: A Meta-Analysis of National Park valuation studies in South and South East Asia
Author	Shraddha Shrivastava and Kakali Mukhopadhyay
Venue	Eleventh INSEE Biennial conference, 15-17 December 2021, New Delhi, India