

PROFESSIONAL EXPERIENCES

March 2009 – Present: **Consultant**, National Institute of Public Finance and Policy (NIPFP), New Delhi (Full Time)

September 2008 – February 2009: **Senior Manager - Water Resources and Policy**, World Wide Fund for Nature (WWF)-India, New Delhi (Full Time)

October 2007 – August 2008: **Senior Scientific Officer**, International Water Management Institute (IWMI), Hyderabad, India (Full Time).

December 2006 – May 2007: **Guest Faculty**, Centre for Environmental Studies, Anna University, Chennai, India (Part Time).

Course Taught: 'Environmental Economics' for Master of Engineering in Environmental Management students (Full Time & Part Time)

February 2004 – June 2005: **Project Research Assistant**, Madras School of Economics, Chennai, India (Part Time).

Project Title: Water Resources, Livelihood Security and Stakeholders Initiatives in the Bhavani River Basin, Tamil Nadu

Sponsor: Comprehensive Assessment of Water Management in Agriculture, International Water Management Institute (IWMI), Colombo, Sri Lanka.

May 2003 – August 2003: **Project Coordinator**, Madras School of Economics (Part Time).

Project Title: A Comparative Study of the Impact of Emissions from Diesel and Petrol Fuelled Passenger Cars

Sponsors: Madras School of Economics, Chennai and Delphi-TVS Diesel Systems Limited, Chennai.

October 2001 – September 2002: **Project Associate**, National Institute of Public Finance and Policy (NIPFP), New Delhi (Full Time).

Project Titles: a) The Income Tax Compliance Cost of Indian Corporations
b) The Compliance Cost of the Personal Income Tax and its Determinants
c) The Personal Income Tax in India: Compliance Costs and Compliance Behaviour of Taxpayers

Sponsor: Planning Commission, Government of India, New Delhi.

March 2001 – September 2001: **Associate Researcher**, Deepak Talwar & Associates, New Delhi (Full Time).

July 2000 – February 2001: **Management Trainee**, Federation of Indian Chambers of Commerce and Industry (FICCI), New Delhi (Full Time).

PROJECT REPORTS

- 2009:** Study on Mobilization of States Taxes and State's Potential to Raise Revenues – Jharkhand, National Institute of Public Finance and Policy (NIPFP), New Delhi.
- 2008:** Economic Valuation of Wetland as a Multiple Use System: A Case Study in West Bengal, India, IWMI-Tata Water Policy Program, IWMI, India.
- 2005:** Water Resources, Livelihood Security and Stakeholders Initiatives in the Bhavani River Basin, Tamil Nadu, Madras School of Economics, Chennai.
<http://www.iwmi.cgiar.org/Assessment/FILES/word/proposals/Project%20Proposals/WaterResources.pdf>
- 2000:** The Income Tax Compliance Cost of Indian Corporations, NIPFP, New Delhi.
http://planningcommission.nic.in/reports/sereport/ser/stdy_cprrcost.pdf
- 2000:** The Compliance Cost of the Personal Income Tax and its Determinants, NIPFP, New Delhi.
http://planningcommission.gov.in/reports/sereport/ser/stdy_prsnltax.pdf
- 2000:** The Personal Income Tax in India: Compliance Costs and Compliance Behaviour of Taxpayers, NIPFP, New Delhi.
http://planningcommission.nic.in/reports/sereport/ser/stdy_pincomtx.pdf

TEACHING AND RESEARCH INTERESTS/ SPECIALISATION

- Environmental Economics
- Public Finance
- Agricultural and Resource Economics
- Development Economics
- Water Resources Management
- Statistics and Applied Econometrics
- Macroeconomics

LIST OF PUBLICATIONS

BOOK

Mukherjee, S. and P. Nelliya (2007), "Groundwater Pollution and Emerging Environmental Challenges of Industrial Effluent Irrigation in Mettupalayam Taluk, Tamilnadu", Discussion Paper No. 4, Comprehensive Assessment of Water Management in Agriculture, IWMI, Colombo, Sri Lanka (ISBN: 978-92-9090-673-5).

INTERNATIONAL PEER-REVIEWED PUBLICATIONS

Mukherjee, S. and D. Chakraborty (2009), "Environment, Human Development and Economic Growth: A Contemporary Analysis of Indian States", *International Journal of Global Environmental Issues*, Vol. 9, No. 1&2, pp. 20-49 (ISSN (Online): 1741-5136; ISSN (Print): 1466-6650).

Mukherjee, S., Z. Shah and M. D. Kumar (2009), "Sustaining Urban Water Supplies in India: Increasing Role of Large Reservoirs", *Water Resources Management* (Forthcoming) DOI 10.1007/s11269-009-9537-8 (Published online: December 10, 2009).

Mukherjee, S. and V. Kathuria (2006), "Is economic growth sustainable? Environmental Quality of Indian States after 1991", *International Journal of Sustainable Development*, Vol. 9, No. 1, pp. 38-60 (ISSN (Online): 1741-5268; ISSN (Print): 0960-1406).

Mukherjee, S. (2009), "Economic Valuation of a Wetland as Multiple Use System in West Bengal, India", *Wetlands Ecology and Management* (Under Review).

NATIONAL JOURNAL PUBLICATION

Mukherjee, S., Z. Shah, M.D. Kumar (2008), "The Role of Large Reservoirs for Sustainable Water Supplies in Large Indian Cities", *Urban India*, Vol. 28, No. 1&2, pp. 1-29 (ISSN: 0970-9045).

CHAPTERS IN EDITED BOOKS

Mukherjee, S. (2010), "Role of Farmers in Protecting Groundwater in lower Bhavani River Basin of Tamil Nadu", in Prakash, A., V. S. Saravanan and J. Chourey (eds.), "*Water and Health in South Asia: A Reader*", Sage Publications, New Delhi (forthcoming).

Mukherjee, S. and D. Chakraborty (2009), "Environment, Human Development and Economic Growth of Indian States after Liberalisation", in Rout, H.S. and P.K. Panda (eds.), "*Human Development: Dimensions and Strategies*", Chapter 10, pp. 232-280, New Century Publications, New Delhi (ISBN: 978-81-7708-198-5).

Mukherjee, S. and D. Chakraborty (2008), "How are Environment, Human Development and Economic Growth Related in India? A Cross-State Analysis", in Bhatt, M.S., S. Asraf and A. Illiyan (eds.), "*Problems and Prospects of Environment Policy: Indian Perspective*", Chapter 4, pp. 85-119, Aakar Books, Delhi (ISBN: 8189833596).

Mukherjee, S. and P. Nellyyat (2008), "Emerging Environmental Challenges of Industrial Effluent Irrigation: A Case Study", Chapter 8 in Usha, A. (ed.), "*Pollution Prevention: A Debate*", Chapter 8, pp. 160-207, ICFAI University Press, Hyderabad (ISBN: 8131413446).

Mukherjee, S. and D. Chakraborty (2008), "A Cross-State Analysis on the Relationship between Environmental Quality and Human Development in India", Chapter 3 in Chakraborty, D. and S. Nath (eds.), "*Collected Essays on Economic Development: Essays in Honour of Prof. Asok Barman*", Chapter 2, pp. 59-92, Bookwell Publications, New Delhi (ISBN: 8189640583).

Mukherjee, S. and P. Nellyyat (2008), "Environmental and Socioeconomic Impacts of Industrial Effluent Irrigation in Mettupalayam Taluk, Tamil Nadu", Chapter 14 in Kumar, N. and V.V. Ramani (eds.), "*Indian Industry and Environment: Policies and Practices*", Chapter 14, pp. 255-287, ICFAI Books, Hyderabad (ISBN: 9788131419724).

WORKING PAPERS

Mukherjee, S. and D. Chakraborty (2010), "*Is there any Relationship between Environment, Human Development, Political and Governance Regimes? Evidences from a Cross-Country Analysis*", MPRA Paper 19968, University Library of Munich, Germany.

Mukherjee, S. and D. Chakraborty (2009), "Is there any relationship between Environmental Quality Index, Human Development Index and Economic Growth? Evidences from Indian States", MPRA Paper 17207, University Library of Munich, Germany.

- Mukherjee, S. and D. Chakraborty (2007), "*Environment, Human Development and Economic Growth after Liberalisation: An Analysis of Indian States*", Working Paper No. 16, Madras School of Economics, Chennai, India, July 2007. Available Online: <http://www.mse.ac.in/pub/Working%20Paper%2016%20PDF.pdf>
- Mukherjee, S. and P. Nelliya (2006), "*Groundwater Pollution and Emerging Environmental Challenges of Industrial Effluent Irrigation: A Case Study of Mettupalayam Taluk, Tamilnadu*", Working Paper No. 7, Madras School of Economics, Chennai, India, March 2006. Available Online: <http://mse.ac.in/pub/mukpra.pdf>
- Mukherjee, S. and V. Kathuria (2006), "*Is Economic Growth Sustainable? Environmental Quality of Indian States Post 1991*", Working Paper No. 6, Madras School of Economics, Chennai, India, March 2006. Available Online: <http://mse.ac.in/pub/murvin.pdf>
- Mukherjee, S. and S. Sud (2003), "*A Comparative Study of the Impact of Emissions from Diesel and Petrol Fuelled Passenger Cars*", A Joint Study of the Madras School of Economics and Delphi-TVS Diesel Systems Limited, August 2003.

PAPERS PRESENTED AT PEER REVIEWED INTERNATIONAL CONFERENCES

- Mukherjee, S. (2009), "*Farmers' Willingness To Adopt Agricultural Best Management Practices to Control Nonpoint Source Pollution in the Lower Bhavani River Basin, Tamilnadu, India*", in the proceedings of the 7th International Symposium on Southeast Asian Water Environment (SEAWE2009), October 28-30, 2009, Bangkok, Thailand.
- Mukherjee, S. (2008), "*Factors Influencing Farmers' Willingness To Protect Groundwater from Nonpoint Sources of Pollution in The Lower Bhavani River Basin, Tamil Nadu, India*", in the proceedings of the "Third Water Environment Partnership in Asia (WEPA) International Forum on Water Environmental Governance in Asia", October 23-24, 2008, Malaysia. Online access: http://www.wepa-db.net/activities_2008_10forum.htm
- Mukherjee, S. and R. K. Rao (2009), "*Understanding the Impact of Taxation of Petroleum Products in India*", in the proceedings of the Papers in Indian Public Economics, NIPFP, New Delhi, December 15, 2009.
- Mukherjee, S. (2008), "*Factors Influencing Farmers' Willingness To Protect Groundwater from Nonpoint Sources of Pollution in the Lower Bhavani River Basin, Tamil Nadu*", in the proceedings of the IWMI-Tata Water Policy Research Program's Seventh Annual Partners' Meet, "*Managing Water in the Face of Growing Scarcity, Inequity and Declining Returns: Exploring Fresh Approaches*", ICRISAT Campus, Patancheru, April 2-4, 2008, Vol. 2, pp. 452-482.
- Mukherjee, S. (2008), "*Economic Valuation of a Wetland in West Bengal, India*", *Ibid*, Vol. 1, pp. 254-266
- Mukherjee, S. and Z. Shah (2008), "*Large Reservoirs: Are They Last Oasis for the Survival of Cities in India?*", *Ibid*, Vol. 2, pp. 907-922.
- Kumar, M.D., Z. Shah, S. Mukherjee and A. Mudgerikar (2008), "*Water, Human Development and Economic Growth: Some International Perspectives*", *Ibid*, Vol. 2, pp. 841-857.
- Mukherjee, S. (2005), "*Environmental Ranking of Indian States*", paper presented at the "International Conference on Environment and Development: Developing Countries Perspective", Jawaharlal Nehru University, New Delhi, April 07-08, 2005.

PAPERS ACCEPTED FOR PEER REVIEWED INTERNATIONAL CONFERENCES

- Mukherjee, S. (2010), "*Farmers' Willingness To Adopt Agricultural Best Management Practices to Protect Groundwater in the Lower Bhavani River Basin, Tamilnadu, India*", paper accepted for presentation at the International Symposium on Innovation & Sustainable Development in Agriculture and Food, June 28- July 01, 2010, Montpellier, France.
- Mukherjee, S. (2010), "*Farmers' willingness to adopt agricultural best management practices to control nonpoint source pollution in the Lower Bhavani River Basin, India*", Paper accepted for presentation at the international conference on Toward Sustainable Groundwater in Agriculture - An International Conference Linking Science and Policy, June 15-17, 2010, University of California Davis, San Francisco, California,.
- Mukherjee, S. (2010), "*Economic Valuation of a Wetland as Multiple Use System in West Bengal, India*", paper accepted for presentation at the International Workshop on Wetlands Management, Economics and Policy, January 13-15, 2010, Victoria, BC Canada.
- Mukherjee, S. (2009), "*Factors influencing farmers' willingness to protect groundwater from nonpoint sources of pollution in the lower Bhavani river basin, Tamilnadu, India*", paper accepted for presentation at the 11th International Conference of Postgraduate Students, Young Scientists and Researchers on "Environmental Economics, Policy and International Environmental Relations", The University of Economics in Prague, Prague, Czech Republic, October 12-13, 2009.
- Mukherjee, S. (2009), "*Economic valuation of a wetland as multiple use system in West Bengal, India*", paper accepted for presentation at the 11th International Conference of Postgraduate Students, Young Scientists and Researchers on "Environmental Economics, Policy and International Environmental Relations", The University of Economics in Prague, Prague, Czech Republic, October 12-13, 2009.
- Mukherjee, S. and D. Chakraborty (2009), "*Environment, human development and economic growth after liberalization: An analyses of Indian states*", paper accepted for presentation at the 11th International Conference of Postgraduate Students, Young Scientists and Researchers on "Environmental Economics, Policy and International Environmental Relations", The University of Economics in Prague, Prague, Czech Republic, October 12-13, 2009.
- Mukherjee, S. and D. Chakraborty (2009), "*Environment, Human Development and Economic Growth after Liberalisation: An Analysis of Indian States*", paper accepted for presentation at the 15th Annual International Sustainable Development Research Conference (AISDR2009) on "Taking up the Global Challenge", July 5-8, 2009, Utrecht University, Netherlands.
- Mukherjee, S., Zankhana Shah and M. Dinesh Kumar (2009), "*Large Reservoirs: are they the last Oasis for the Survival of Cities in India?*", paper accepted for presentation at the 15th Annual International Sustainable Development Research Conference (AISDR2009) on "Taking up the Global Challenge", July 5-8, 2009, Utrecht University, Netherlands.
- Mukherjee, S. (2008), "*Factors Influencing Farmers' Willingness To Protect Groundwater From Nonpoint Sources of Pollution in the Lower Bhavani River Basin, Tamil Nadu*" paper accepted for presentation at the 12th Biennial Conference of the *International Association for the Study of Commons (IASC)*, University of Gloucestershire, Cheltenham, England, July 14-18, 2008.

Mukherjee, S. and D. Chakraborty (2007), "*Environment, Human Development and Economic Growth of Indian States after Liberalisation*", paper accepted for presentation at the "Third Annual Asia-Pacific Economic Association (APEA) Conference – APEA 2007", Hong Kong University of Science and Technology, Hong Kong, China, July 25-26, 2007. Online access: <http://www.apeaweb.org/confer/hk07/papers/mukherjee-chakraborty.pdf>

PAPERS PRESENTED AT NATIONAL CONFERENCES

Mukherjee, S. and R. K. Rao (2009), "*Exploratory Notes on Understanding for Impacts of Petroleum Taxes on Different Sectors*", paper presented at the "Workshop on Design of Goods and Services Tax for India", National Institute of Public Finance and Policy, New Delhi, September 30 – October 01, 2009.

Mukherjee, S. (2009), "*Factors Influencing Farmers' Willingness To Protect Groundwater from Nonpoint Sources of Pollution: A Case Study in The Lower Bhavani River Basin, Tamilnadu*", Paper presented at the National Seminar on "*Participatory Approach to Water Resource Management*", Council for Social Development, New Delhi, March 19-20, 2009.

Mukherjee, S. (2009), "*Economic Valuation of a Wetland as Multiple Use System in West Bengal, India*", Paper presented at the National Seminar on "*Wetlands of India: Economics of Management and Conservation*" Jamia Millia Islamia (Central University), New Delhi, March 20-21, 2009.

Mukherjee, S. (2009), "*Factors Influencing Farmers' Willingness To Protect Groundwater from Nonpoint Sources of Pollution in the Lower Bhavani River Basin, Tamilnadu*", Paper presented at the "*Reader Workshop on Water and Health in South Asia*", South Asia Consortium for Interdisciplinary Water Resources Studies (SaciWATERs), February 25-27, 2009, Hyderabad.

Mukherjee, S. and D. Chakraborty (2008), "*Environment, Human Development and Economic Growth after Liberalisation: An Analysis of Indian States*", in the Proceedings of Interdisciplinary Research Methodology Workshop on "*Environment, Sustainable Development and Human Well-being*", PP. 160-190, Madras Institute of Development Studies, Chennai, February 18-20, 2008.

Mukherjee, S. and D. Chakraborty (2007), "*Environment, Human Development and Economic Growth of Indian States after Liberalisation*", paper presented at the "*National Seminar on Human Development Issues: Capacity Development in Indian States*", September 24-26, 2007, Indira Gandhi Institute of Development Research (IGIDR), Mumbai.

Mukherjee, S. and D. Chakraborty (2007), "*Environment, Human Development and Economic Growth of Indian States after Liberalisation*", paper presented at the National Conference on "*National Environmental Policy (NEP) - 2006: Objectives, Strategies and Implementation*", February 20-21, 2007, New Delhi

Mukherjee, S. and D. Chakraborty (2007), "*Environment, Human Development and Economic Growth of Indian States after Liberalisation*", paper presented at the National Seminar on "*Making Growth Inclusive with Special Reference to Imbalance in Regional Development*", March 12-13, 2007, Jammu Department of Economics, University of Jammu, and Indian Institute of Advanced Studies, Shimla.

Mukherjee, S. and P. Nelliya (2006), "*Groundwater Pollution and Emerging Environmental Challenges of Industrial Effluent Irrigation in Mettupalayam Taluk, Tamilnadu*", paper presented at the Ninth Biennial Conference of International Society for Ecological Economics (ISEE) on "*Ecological Sustainability and Human Well-being*", December 15-18, 2006, New Delhi.

Mukherjee, S. and V. Kathuria (2006), "*Economic Growth and Environmental Quality of Indian States after Liberalisation*", *Ibid.*

Mukherjee, S. and P. Nelliya (2006), "*Groundwater Pollution and Emerging Environmental Challenges of Industrial Effluent Irrigation: A Case Study of Mettupalayam Taluk, Tamilnadu*", paper presented at the International Water Management Institute (IWMI) – Tata Water Policy Programme's Fifth Annual Partners' Meet on "*Water, Equity and Development*", March 8-10, 2006, Institute of Rural Management Anand, Gujarat.

Shanmugam, K. R. and S. Mukherjee (2004), "*Fertilizer Use Efficiency of Farms in the Bhavani River Basin*", paper presented at the "*National Seminar on Environmental Issues and Natural Resources Management*", Department of Economics, Gobi Arts and Science College, Erode, Tamil Nadu, October 09-10, 2004.

POPULAR PRESS PUBLICATION

Science vs economics of cess on diesel (Co-author: Anumita Roychowdhury), *Down To Earth*, Vol. 16, No. 3, Friday, June 22, 2007. Online access: <http://www.indiaenvironmentportal.org.in/node/37945>

ONGOING RESEARCH

- Goods and Service Taxes in India
- Economic Valuation of Wetlands as Multiple Use Systems at a River Basin Scale
- Environmental Quality Index (EQI): Assessing the Environmental Performance of the Indian States
- National Citizen Satisfaction Index for India - 2010
- Editing a Book on "Environmental Scenario in India: Successes and Predicaments" (Co-editor: Debashis Chakraborty)

COORDINATED TRAINING PROGRAMMES

2009: Two Week Training Programme on Public Finance and Policy for Indian Revenue Service (IRS, Customs and Central Excise) Group 'A' Probationers, November 09-20, 2009, National Institute of Public Finance and Policy (NIPFP), New Delhi.

WORKSHOPS ATTENDED

2009: Workshop on Design of Goods and Services Tax for India, National Institute of Public Finance and Policy, India Habitat Centre, New Delhi, September 30 – October 01, 2009.

2009: "Consultative Workshop on Environmental Flows", Society for Voluntary Action, Revitalization and Justice (SVARAJ), Bangalore, the River Research Centre (RRC), Kerala and the South Asia Network on Dams, Rivers & People (SANDRP), New Delhi, Bangalore.

2006: "Bangladesh - India Dialogue for Young Leaders – 2005", Bangladesh Enterprise Institute, Dhaka and Secretary of State for Foreign and Commonwealth Affairs, UK.

2005: "Natural Resource Management and Institution: The Links Between Property Rights, Collective Action and Natural Resource Management", International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Patancheru, Andhra Pradesh.

2004: "Workshop on Applied Econometrics", Madras School of Economics, Chennai.

- 2004:** “National Workshop on Integrated Water Resources Assessment, Development and Management”, Water Resources Organisation, Government of Tamil Nadu, Chennai.
- 2004:** “Law and Economics Training Workshop”, jointly organised by the Indira Gandhi Institute of Development Research (IGIDR), Mumbai and University of Hamburg, Germany.
- 2003:** “Southern Region CensusInfo User’s Workshop”, Directorate of Census Operations, Chennai.
- 2003:** “Faculty Upgradation Program in Environmental Economics”, Indira Gandhi Institute of Development Research (IGIDR), Mumbai under the “World Bank Aided India: Environmental Management Capacity Building Technical Assistance Project”.

TEACHING EXPERIENCES

- EM-681: Environmental Economics (for Master of Engineering in Environmental Management, Centre for Environmental Studies, Anna University)
- EK-046: Urban Economics (Teaching Assistant for M. Sc. in Economics, Madras School of Economics, Chennai)
- EK-241: Indian Economic Development (Teaching Assistant for M. Sc. in Economics, Madras School of Economics, Chennai)

COMPUTER SKILLS / PROFICIENCY

Statistical Software	STATA, EVIEWS, SPSS, LIMDEP
Data Base Software	National Accounts Statistics (EPWRF & CSO), Annual Survey of Industries (EPWRF & CSO), CensusInfo India 2001 (Census of India), SishuInfo (MoHRD & UNICEF), ChildInfo (UNICEF), TERI Energy Data Directory and Yearbook (TEDDY), PROWESS (CMIE), CPAITALINE
Operating System	Windows
Typesetting Package	MS OFFICE

PROFESIONAL MEMBERSHIPS

- Indian Society for Ecological Economics (INSEE)
- International Society for Ecological Economics (ISEE)
- South Asian Network of Development and Environmental Economics (SANDEE)
- CGIAR System wide Program on Collective Action and Property Rights (CAPRI)
- Water - Environment Community in Solution Exchange: An Initiative of UN Country Team in India
- Economists on Environmental and Natural Resources: News, Opinion, and Analysis
- ResEcon: Land and Resource Economics Network
- eFlowNet: Global Environmental Flows Network

CONSULTANCY

- 2009:** Developing “Environmental Quality Index (EQI) to Assess the Current Status of Environmental Performance of the Indian States”, Environment & Forests (E &F) Division, Planning Commission, Government of India, New Delhi and Indian Institute of Foreign Trade, New Delhi.
- 2009:** Developing “National Citizen Satisfaction Index for India”, Quality Council of India, New Delhi and Indian Institute of Foreign Trade, New Delhi.
- 2004:** *Study of emissions from diesel versus petrol engines* in Chelliah, Raja J., Paul P. Appasamy, U. Sankar and Rita Pandey (2007), "Ecotaxes on Polluting Inputs and Outputs", Academic Foundation, New Delhi.

REFEREE / REVIEWER

- International Journal of Global Environmental Issues
- Journal of Ecology and Natural Environment
- Water Resources Management

PERSONAL INFORMATION

Date of Birth: January 04, 1977

Place of Birth: Kolkata, India

Gender: Male

Nationality: Indian

Marital Status: Married

Language Proficiency: Bengali (Fluent), English (Fluent), Hindi (Fluent)

Permanent Address: s/o, Shri Baidyanath Mukherjee, Mrinalini Apartments, First Floor, 16/1/A, Sitala Mata Lane, Kolkata – 700090, West Bengal, INDIA.
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REFERENCES

On request