

CURRICULUM VITAE

Name: **Navroz Kersi Dubash**
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Date of Birth: 20 February, 1967
Nationality: Indian

PROFESSIONAL EXPERIENCE

Senior Fellow, Centre for Policy Research, New Delhi, India. July 2009 – present.

Associate Professor, Centre for the Study of Law and Governance, Jawaharlal Nehru University, New Delhi, India. July 2006 – July 2009.

IDFC Chair Professor of Governance and Public Policy, National Institute of Public Finance and Policy, New Delhi, India. November 2003 – July 2006.

Senior Associate, Institutions and Governance Program, World Resources Institute, Washington, DC, USA. August 1998 – Sept. 2003.

Visiting Professor, University of Maryland, Harrison Program on the Global Future (part-time). January 2002 – May 2002.
Developed and taught an upper level undergraduate seminar on “The Politics of Environmental Sustainability in the Developing World.”

Policy Analyst. Environmental Defense Fund, Washington, D.C., 1990-1992.
Established and coordinated the Climate Action Network, an international network of non-governmental research and action organizations.

EDUCATION

Ph.D. Energy and Resources, University of California, Berkeley, December 1998.

M.A. Energy and Resources, University of California, Berkeley, 1994.

A.B. Woodrow Wilson School of Public and International Affairs, Princeton University, *cum laude* 1990.

AWARDS AND FELLOWSHIPS

- S.R. Sen Award for Best Book in Agricultural Economics and Rural Development (India) for *Tubewell Capitalism: Groundwater Development and Agrarian Change in Gujarat*, OUP, 2002.
- Gilbert White Postdoctoral Fellowship Award, Resources for the Future, 1998 (declined).
- Joseph L. Fisher Dissertation Fellowship, Resources for the Future, 1997-1998.
- John L. Simpson Research Fellowship, University of California, Berkeley, 1995-1997.
- American Institute for Indian Studies, Junior (Dissertation) Fellowship, 1995-1996.
- Aga Khan Foundation Scholarship, 1993-1995.
- Genevieve Lichtig Fellowship for Graduate Study, University of California, Berkeley, 1992-1993.
- Dewitt Clinton Poole Memorial Prize Scholarship for Senior Thesis Research, Princeton University, 1989-90.
- L.B. Pearson College Scholarship, British Columbia, Canada, 1984-1986.

PUBLICATIONS*

Books

Navroz K. Dubash and D. Narasimha Rao. 2007. *The Practice and Politics of Regulation: Regulatory Governance in Indian Electricity*. New Delhi: Macmillan.

Navroz K. Dubash. 2002. *Tubewell Capitalism: Groundwater Development and Agrarian Change in Gujarat*. Delhi, India: Oxford University Press.
(Awarded SR Sen Prize, 2006, for best book in agricultural economics and rural development in India)

Edited Volumes and Collections

Navroz K. Dubash and Daljit Singh (eds.). 2005. *What does Global Experience with Electricity Restructuring Mean for India?* Special issue of *Economic and Political Weekly*. December 10-16.

Jim Williams and Navroz K. Dubash (eds.). 2004. *The Political Economy of Electricity Reform in Asia*. Special issue of *Pacific Affairs* vol. 77, Issue 3, Fall 2004.

Navroz K. Dubash (ed.) 2002. *Power Politics: Equity and Environment in Electricity Reform*. Washington D.C.: World Resources Institute.

Seymour, Frances and Navroz K. Dubash (eds.). 2000. *The Right Conditions: The World Bank, Structural Adjustment and Forest Policy Reform*. Washington D.C.: World Resources Institute.

Journal Articles

Navroz K. Dubash. 2009. "Environmentalism in the Age of Climate Change." *Seminar*.

* World Resources Institute publications are subjected to a formal external peer review process.

September.

- Navroz K. Dubash. 2009. "Global Norms Through Global Deliberation? Reflections on the World Commission on Dams." *Global Governance* Vol 15, No. 2 (April-June).
- Navroz K. Dubash and D. Narasimha Rao. 2008. "Regulatory Practice and Politics: Lessons from Independent Regulation in Indian Electricity." *Utilities Policy*. Vol 16, pp. 321-331.
- Navroz K. Dubash. 2008. "The Role of Independent Regulatory Agencies in Governance: A Brief Theoretical Review with Application to Electricity and Water in India," *Economic and Political Weekly*. October 4, pp. 43-54.
- Navroz K. Dubash. 2007. "Inconvenient Truths Produce Hard Realities: Notes from Bali." *Economic and Political Weekly*. December 29, pp. 31-37.
- Navroz K. Dubash. 2007. "The Electricity Groundwater Conundrum: Case for a Political Solution to a Political Problem." *Economic and Political Weekly*. December 29, pp. 45-55.
- Navroz K. Dubash. 2006. "The New Regulatory Politics of Electricity in India: Embryonic Ground for Consumer Action." *Journal of Consumer Policy*. Vol. 4, Issue 6, pp. 449-463.
- Navroz K. Dubash and Daljit Singh. 2005. "Of Rocks and Hard Places: A Critical Review of Recent Global Experience with Electricity Restructuring." *Economic and Political Weekly*. December 10-16.
- Jim Williams and Navroz K. Dubash. 2004. "Asian Electricity Reform in Historical Perspective" *Pacific Affairs*, vol. 77, Issue 3, Fall 2004, pp. 411-436.
- Navroz K. Dubash. 2003. "Revisiting Electricity Reform: The Case for a Sustainable Development Approach." *Utilities Policy*. (11), pp. 143-154.
- Kevin Baumert, Jake Werksman and Navroz K. Dubash. 2003. "Will International Investment Rules Obstruct Climate Protection Policies? An Examination of the Clean Development Mechanism." *International Environmental Agreements: Politics, Law and Economics*. 3(1), pp. 59-86
- Navroz K. Dubash, Mairi Dupar, Smitu Kothari and Tundu Lissu. 2002. "A Watershed in Global Governance." *Politics and the Life Sciences* Vol. 21, No. 1 (March), pp. 42-62.
- Navroz K. Dubash. 2001. "The Public Benefits Agenda in Power Sector Reform." *Energy for Sustainable Development*. Vol. V, No. 2 (June), pp. 5-14.
- Navroz K. Dubash and Sudhir Chella Rajan. 2001. "Power Politics: The Process of India's Power Sector Reform." *Economic and Political Weekly*. Vol. XXXVI No. 35, pp. 3367-3390.
- Navroz K. Dubash. 2000. "Ecologically and Socially Embedded Exchange: 'Gujarat Model' of Water Markets." *Economic and Political Weekly*. Vol. XXXV No. 16, pp. 1376-1386.

Book Chapters

- Navroz K. Dubash. Forthcoming 2009. "Climate Change and Development: A Bottom-Up Approach to Mitigation for Developing Countries?" in Richard Stewart, Benedict Kingsbury and Bryce Rudyk (eds.) *Climate Finance: Regulatory and Funding Strategies for Climate Change and Global Development*. New York: NYU Press.
- Navroz K. Dubash. Forthcoming 2009. "Can Global Administrative Law Shape Local Political Opportunity Structures? A Study of Indian Electricity Regulation." In Benedict Kingsbury, Richard Stewart, and Surabhi Ranganathan (eds.) *Global Regulatory Governance and the State: India and the Emergence of Global Administrative Law*, New Delhi: Oxford University Press.
- Navroz K. Dubash. Forthcoming 2009. "Regulation as an Arena for Social Policy: Examples from Electricity in Asia." In Tim Kessler, Anis Dani, Elliott Sclar (eds.) *New Frontiers in Social Policy*, New York: Palgrave MacMillan.
- Navroz K. Dubash. 2007. "The Local Politics of Groundwater Development and Groundwater Markets in North Gujarat." In Amita Baviskar (ed.) *Waterscapes: The Cultural Politics of a Natural Resource*. New Delhi: Permanent Black.
- Navroz K. Dubash. 2007. "Electrifying Rural India: The Search for a Viable and Sustainable Approach." In Haribandhu Panda (ed.) *Governance of Rural Electricity Systems in India*. New Delhi: Academic Foundation.
- Navroz K. Dubash and Jim Williams. 2006. "The Political Economy of Electricity Liberalization" in John Byrne, Leigh Glover, and Noah Toly (eds.) *Transforming Power: Energy as a Social Project*. New Brunswick, NJ: Transaction Publishers.
- Navroz K. Dubash and Rob Bradley. 2005. Pathways to Rural Electrification in India: Are National Goals also an International Opportunity? In Rob Bradley and Kevin A. Baumert (eds.) *Growing in the Greenhouse: Protecting the Climate by Putting Development First*. Washington DC: World Resources Institute.
- Frances Seymour and Navroz Dubash. 2005. "Environmental Security as a Criterion for Decision-Making." In Robert Picciotto and Rachel Weaving (eds.) *Security and Development: Investing in Peace and Prosperity*. London: Routledge.
- Albert Cho and Navroz K. Dubash. 2005. "Will Investment Rules Shrink Policy Space for Sustainable Development? Evidence from the Electricity Sector." In Kevin Gallagher (ed.) *Putting Development First: The Importance of Policy Space in the WTO and IFIs*. London: Zed Books.
- Navroz K. Dubash and Robert Bradley (2005), "Rural Electrification: Light the Way", *The Hindu Survey of the Environment*, pp. 73-79.
- Navroz K. Dubash. 2004. "Electric Power Reform: Social and Environmental Issues." *Encyclopedia of Energy*. Volume 2 Elsevier Press: 255-266.
- Navroz K. Dubash. 2004. "Water, Markets, and Embedded Institutions in Western India." In Richard Peet and Michael Watts (eds.) *Liberation Ecologies: Environment, Development, Social Movements*. London: Routledge.
- Navroz K. Dubash. 2002. "The Politics of Electric Power Restructuring in Developing Countries." In Martha Harriss (ed.), *Energy Market Restructuring and the*

Environment. New York: University Press of America.

Navroz K. Dubash, Navroz K. 1994. "Commoditizing Carbon: Social and Environmental Implications of Joint Implementation." In P. Ghosh and J. Puri (eds.), *Joint Implementation of Climate Change Commitments: Opportunities and Apprehensions*. New Delhi: Tata Energy Research Institute.

Navroz K. Dubash and Michael Oppenheimer. 1992. "Modifying the Mandates of Existing Institutions: Non-Governmental Organizations" In Irving Mintzer (ed.), *Confronting Climate Change: Risks, Implications and Responses*. Cambridge: Cambridge Univ. Press.

Hajost, Scott A. and Navroz K. Dubash. 1990. "Report of Institutions, Non-Governmental Organizations: Environmental Defense Fund." In G. Handl (ed.) *Yearbook of International Environmental Law*. London: Graham and Trotman.

Policy reports

Smita Nakhooa, Shantanu Dixit and Navroz K. Dubash. 2007. *Empowering People: A Governance Analysis of Electricity*. Washington DC: World Resources Institute.

Navroz K. Dubash, Mairi Dupar, Smitu Kothari and Tundu Lissu. 2001. *A Watershed in Global Governance? An Independent Assessment of the World Commission on Dams*. Washington DC: World Resources Institute.

Working Papers

Navroz K. Dubash. 2008. "Institutional Transplant as Political Opportunity: The Practice and Politics of Indian Electricity Regulation." October 3. CLPE Research Paper No. 31/2008 Available at SSRN: <http://ssrn.com/abstract=1278008>.

CURRENT RESEARCH PROJECTS

Climate Change as a Multi-Level Governance Problem:

Much academic writing and policy action around climate change has focused on the global collective action nature of the problem. This project will question the predominant focus on the global scale, and argue, instead, for climate as a problem of multi-level or multi-scalar governance. In addition, the project will explore whether and how climate change can productively be re-framed by drawing links with other global, national and local issues that command national and sub-national political attention. The work will be empirically grounded by reference to the case of India. Specific components of the project include:

- Locating Climate Change within Larger Global Trends: The Climate-Energy-Investment Tripod
- Climate Negotiations as a Constructivist Project: A View from India
- How can Local Institutions Respond to Challenges of Global Climate Governance?
- A Handbook of Climate Change in India

The Regulatory State of the South:

The re-orientation of developing world economies around the market of the last two decades has a political counterpart: the rise of a regulatory state. State institutions

oriented to developmental tasks, either re-distributive or directly productive, are slowly being re-made to perform a steering role. The emergence of “independent regulatory agencies,” often as an act of institutional transplant from the industrialized world, particularly symbolizes a new form of state functioning. What forms does the regulatory state take in the global south, and with what effects for national politics, the ability of the state to manage globalization processes, and developmental aspirations? This project will address these questions starting with the Indian experience, and subsequently broaden the empirical base to develop a comparative picture across developing countries. It will particularly focus on those economic regulatory arenas that also have considerable social and environmental implications, such as energy and water.

PROFESSIONAL ACTIVITIES

- **Member, Editorial Board, *Journal of Environment and Development*.**
- **Member, Editorial Board, *Environmental Policy and Governance***
- **Member, Editorial Board, *Utilities Policy*.**
- **Member, Editorial Board, *Environmental Research Letters*.**
- **Member of Executive Committee, Indian Society for Ecological Economics, 2006-2008.**
- Chapter Review Editor, Millennium Ecosystem Assessment.
- Served as referee or external evaluator for the following journals and organizations: *Journal of Environment and Development, Climatic Change, Economic Development and Cultural Change, Global Governance, Utilities Policy, Conservation and Society, Contributions to Indian Sociology, Energy, Global Environmental Politics, Regulation and Governance*, National Science Foundation, Oxford University Press, International Food Policy Research Institute, World Resources Institute, World Bank (ECA Region, Operations Evaluation Department, Water and Sanitation Program), Indira Gandhi Institute of Development Research.
- Membership of Professional Associations: International Studies Association, International Association for the Study of Common Property, Indian Society for Ecological Economics.

RECENT POLICY-RELATED ACTIVITIES

- **Member, Consultative Group on Climate Change, Ministry of Environment and Forests, Government of India. January 2009 – present.**
- **Member, Working Group on Power for Formulation of the 11th Five Year Plan, Government of India, July – December 2006.**
- **Member, Expert Group to Review the Issue of Groundwater Ownership in India, Planning Commission, Government of India, November 2004 – March 2005.**
- **Member, Consultative Group on Water Resources, Planning Commission, Government of India, Mid-Term Appraisal of the 10th Five Year Plan, 2004.**

RESEARCH GRANTS

Ford Foundation, 2009, \$140,000 over 2.5 years for a project on “Climate Challenge in India.”

Ford Foundation, 2006, \$249,000 over three years for a project to “Stimulate a National Dialogue on Regulatory Issues in the Electricity and Water Sectors.” Grant formally allotted to Prayas (Pune) and includes a collaborative component with Navroz K. Dubash.

Foreign and Commonwealth Office, United Kingdom, 2005, £36,000 over two years for a project on “Independent Economic Regulation: An Assessment of Accountability and Good Governance in the Electricity Sector” a collaborative project of NIPFP and Indian Institute of Management-Bangalore.

US Agency for International Development, 2003, \$200,000 over two years for the “Electricity Governance Initiative” a collaborative project of NIPFP, World Resources Institute, and Prayas-Pune.

Charles Stuart Mott Foundation, 2001, \$450,000 over three years for a project on “International Financial Flows and the Environment” World Resources Institute.

Ford Foundation, 2000, \$200,000 over two years for “An Independent Assessment of the World Commission on Dams” a collaborative project between World Resources Institute, Lokayan (India) and Lawyers Environmental Action Team (Tanzania).

In addition to the above grants for which I was the primary manager, I also obtained additional grants as part of a research team, from the Spencer T. and Ann W. Olin Foundation, US Environmental Protection Agency, Dutch Government, and Wallace Global Fund.

ADMINISTRATIVE EXPERIENCE

Centre for the Study of Law and Governance, Jawaharlal Nehru University.
Coordinator, Seminar Series, January 2007 – present.

National Institute of Public Finance and Policy.
Convener, Academic Committee, July 2005-July 2006
Member and Staff Representative, Governing Body, July 2005 – July 2006
Chair, Computer Committee, June 2004 – July 2006.

Electricity Governance Initiative, 2003-2007.
Co-managed a four country research project with a budget of \$300,000 per year.

World Resources Institute, 2001-2003.
Managed a research project with three staff and an annual budget of \$500,000.

Organized numerous academic panels and policy workshops. Selected events (2007-08) include:

- “National Roundtable on the Indian National Action Plan on Climate Change”, in collaboration with Indian Institute of Technology, Madras, Prayas Energy Group, and Institute for Social and Economic Change. New Delhi, August 9, 2008.
- International Studies Association, 2008. Panel on “Regulation in the Developing

World: The Challenges of Institutional Transplant.” San Francisco, 26th March 2008.

- Policy Workshop, “Generating Dialogue: Clean Energy, Good Governance, and Regulation” in collaboration with World Resources Institute, Lee Kuan Yew School of Public Policy, Singapore, and Prayas Energy Group. Singapore, 16-18 March, 2008.
- Policy Roundtable on "The Practice and Politics of Electricity Regulation in India," in collaboration with Indian Institute of Management, Bangalore. New Delhi, April 28, 2007.
- Policy workshop entitled "National Consultation on Regulation and the Poor" in collaboration with Prayas Energy Group. New Delhi, July 12-13, 2007.

SELECTED LECTURES AND PRESENTATIONS, 2003 - PRESENT (are by invitation)**

- ** School of Advanced International Studies, Johns Hopkins University. Paper entitled “Integrating Climate Change and Development: A Discussion of Multilevel Climate Governance in India.” Washington DC, March 3, 2009.
 - ** World Bank. Paper entitled “ Integrating Climate Change and Development: Lessons from India for Multilevel Climate Governance.” Washington DC, March 3, 2009
 - ** European Commission Conference “Towards a Comprehensive and Ambitious Post-2012 Climate Change Agreement.” Paper entitled “Toward a Productive Conversation on Climate Change with India.” Brussels, October 15, 2008.
- International Studies Association. Paper on “Institutional Transplant as Political Opportunity: The Practice and Politics of Indian Electricity Regulation.” San Francisco, March 26-30, 2008.
- ** NYU Law School – Centre for Policy Research Workshop on Global Regulatory Governance. Paper on “Can Global Administrative Law Shape Local Political Opportunity Structure? A Study of Indian Electricity Regulators.” New Delhi, 5-6 January 2008.
 - ** Forum of Indian Regulators, Gandhinagar, October 5th, 2007. Invited by the official forum of Indian regulators to present research on regulation.
 - **National Conference on "Expanding Freedom: Towards Social and Economic Transformation in a Globalising World" Paper on "Electrifying Rural India: The Search for an Environmentally and Socially Sustainable Approach" at Institute of Economic Growth, Delhi, April 11-13, 2007
 - **American University "A Normative Space for Global Governance? Reflections on the World Commission on Dams" January 26, 2007
- University of Bath and European Consortium for Political Research. Conference on “Frontiers in Regulation.” Presented a paper on “Emergent Regulatory Governance in India: Comparative Case Studies of Electricity Regulation.” September 7-8, 2006, Bath, UK.
- **Centre for Global Development. Seminar on “Importing Institutions: The Mixed Blessing of Electricity Regulators in India.” March 10, 2006, Washington, DC.
 - **World Bank Energy Week. Presented paper on “The Relevance of Governance to

Electricity Reform.” March 8, 2006, Washington, DC

- **Conference on “New Frontiers of Social Policy: Development in a Globalizing World” organised by the World Bank, in collaboration with DFID, Sida and the Governments of Finland and Norway. Presented “Regulation as an Arena for Social Policy: Examples from Electricity in Asia.” December 12-15 2005 at Arusha, Tanzania.
 - **National Judicial Academy (India), Invited to address a “Symposium on Water and Energy Law” for 40 High Court judges, 8-10 December 2005.
 - **Centre for Law and Governance, Jawaharlal Nehru University, Conference on “Globalisation: Social and Political Dimensions.” Presented “A Normative Space for Global Governance? Reflections on the World Commission on Dams.” November 17-18, 2005.
 - **Oxford University, Workshop on “The Politics of Necessity” organized under the Cultures of Consumption research program, “Independent or Embedded? Emergent Regulatory Politics in India,” September 9-10, 2005.
 - **International Water Management Institute-Tata Annual Partner Meet on India's Water Economy, invited speaker “The Electricity Groundwater Conundrum: The Case for a Political Solution to a Political Problem,” February 24-26, 2005.
 - **Institute of Rural Management, Anand, Silver Jubilee Symposium on Governance in Development, December 14-19, 2004 “Electrifying Rural India: The Search for a Viable and Sustainable Approach,” December 16, 2004.
 - **International Water Management Institute "The Politics of Free Power to Farmers" at a Workshop on Energy-Water Nexus: Policy Issues in Governance, Hyderabad, June 10, 2004.
 - **University of Cologne, Institute of Geography, keynote speaker, International Conference on Environmental Economic Geography: State of the Art and Prospects, “Accountability, Legitimacy and Authority: Civil Society Networks and the Struggle over Resources” 25-28 May, 2004.
 - **Jawaharlal Nehru University, Centre for Study of Law and Governance, “The Role of Civil Society in Global Governance: An Exploration of Legitimacy and Accountability in the World Commission on Dams” April 23, 2004.
 - **Jawaharlal Nehru University, Centre for Studies in Science Policy, “Power Politics: Indian Electricity at a Crossroads” February 11 2004.
- National Institute of Public Finance and Policy, training programme for Indian Audit and Accounts Service Probationers organised by National Institute of Public Finance and Policy, Delivered lecture on “Governance and Corruption” New Delhi 9-28 February 2004.
- **World Social Forum, Speaker in a panel discussion on “The World Bank’s High Risk/High Reward Initiatives: Who Wins, Who Loses and What Can We do About It?” organised by The Bank Information Centre. Also spoke at a panel discussion on “Global Electricity Reform” organized by the Transnational Institute, Netherlands and Maharashtra State Electricity Board Workers Union, 19-20 January 2004, Mumbai.
 - **Yale University, School of Forestry and Environmental Sciences, Lecture Series on

Globalization and the Environment. "A Watershed in Global Governance? A Case Study of the World Commission on Dams." April 9, 2003.

ADDITIONAL INFORMATION

Languages: Hindi, Gujarati (conversational), and French (conversational).