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**Department of Humanities and Social Sciences**  
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## **PROFESSIONAL SUMMARY**

Sudhir Chella Rajan teaches at the [Department of Humanities and Social Sciences](#) at IIT Madras. He was formerly Head of the Department (2011-2014) and was Coordinator of the [Indo-German Centre for Sustainability](#) (2010-2016), where he is currently Area Coordinator for Land-Use. He obtained an interdisciplinary doctorate in [Environmental Science and Engineering](#) from the University of California Los Angeles in 1994 and has worked in progressively senior positions in government, research consultancies, NGOs and academia. His interests are primarily at the interface of political theory and the environment; in particular, on the opportunities for democratic politics in the face of composite social and environmental encounters.

Rajan has worked on emergent policy dilemmas in automobile pollution regulation in California, the politics of power sector reform in developing countries, conflicts in relation to energy access and climate change policy, the patterns of social change needed in transport in the United States for fair climate policy, ethical approaches to addressing climate change and sea level rise, new interpretations of the resource curse in resource-rich developing countries, changes to the [periurban](#) landscape in South India and on ideas of grand corruption in environmental and everyday discourse. His latest book is *A Social Theory of Corruption*, due out from [Harvard University Press](#) in December 2020.

## **EDUCATION**

D.Env. Environmental Science and Engineering Program (cross-disciplinary doctorate), UCLA, 1994.

M.S. Meteorology, South Dakota School of Mines and Technology, 1985.

B.Tech. Aeronautical Engineering, Indian Institute of Technology Bombay, 1983.

## **EXPERIENCE**

Since July 2007 Professor, Department of Humanities and Social Sciences, **Indian Institute of Technology** Madras. Research and teaching on sustainability and political theory. Head of the Department, 2011-2014.

Recent projects include

- Co-Investigator, PERI-CENE, TASE, NERC, DBT, 2019-2021
- Co-Investigator, Water as Leverage, RVO, Netherlands, 2018-2019
- Co-Investigator, Climate Change Impacts on Coastal Infrastructure and the Adaptation Strategies, IGCS, Department of Science and Technology, Govt of India, 2018-2023
- Coordinator, Indo-German Centre for Sustainability (IGCS), 2011-2016; Land-Use Area Coordinator: 2016-2020.
- Head, Department of Humanities and Social Sciences, IIT Madras, 2011-2014.
- Head, Department of Liberal Arts, IIT Hyderabad, 2009-2010
- Principal Investigator, Building an International Research Network on Sustainability to Enhance Strategic Knowledge for Climate Change, IGCS, Department of Science and Technology, Govt of India, 2013-2017.
- Principal Investigator, Climate Change Adaptation and Resilience in peri-urban Chennai in the study area of Sriperumbudur: Sustainable Resources Management, Livelihoods and Governance, Global Technology Watch for a Sustainable Habitat, IGCS, 2015-2017
- Co-Investigator, Value from Sustainable Aviation (ValSA), Airbus Industries, 2014-2015
- Co-Investigator, Social assessment of slum rehabilitation along the Cooum River, Chennai (with LKS International for the Tamil Nadu Urban Infrastructure Financial Services Limited) 2013.
- Co-Investigator, Impact of changes in transparency of infrastructure procurement on access, costs, efficiency, price and quality, DFID, 2012
- Consultant, Support to Sustainable Transport Medium Sized Project for Belgrade, UNDP Serbia 2009
- Consultant to Evaluate Climate Change and Migration in South Asia, Greenpeace India, 2008
- PhD awarded: Adaina KhangChian: “A multidimensional framework for environmental valuation” 2013
- PhD awarded: Nishikant Kolge: “A study of Gandhi’s evolving strategy to abolish the caste system in India” 2014.
- PhD scholars under supervision: Deepa Kozhisseri (medicine healers and political ecology); Abhinita Mohanty (new environmental social movements); Aiswarya Raman (co-supervised, farmer producer organisations); Baiju Tharakkan (youth bypass cultures); Alfiya Jose (virtual geographies).
- Post-doctoral supervision: Lalitha Subramanian (water tanks and youth empowerment); Karl Beelen (design and sustainability); Judith Bopp (organic food movements); Avilash Roul (adaptive governance)

### COURSES TAUGHT

• Advanced Topics in Economic Development	• Corruption and Development
• Decentralization and Governance	• Democracy: Theory and Practice
• Development Planning & Project Appraisal	• Development Theory and Practice
• Environment and Society	• Environment & Resource Economics
• Foundations of Social and Political Thought	• Indian Constitution: Text and Practice
• Perspectives in Social Sciences	• Research Methods
• State and Development	• Technology & Sustainable Development
• Urbanization and Development	• Values, Technology, Sciences and Society

2001-2007 Senior Scientist and Senior Fellow, **Tellus Institute**, Boston. Research in the areas of global politics, utopistics; institutional reform; electricity supply issues, especially renewables and air quality; biomass energy and power sector reform in developing countries, transport and land-use policy; formal and informal institutions and corruption.

Projects include

- Chief Technical Advisor, Support to Sustainable Transport Medium Sized Project in Dushanbe, UNDP Tajikistan. 2006
- Consultant, United Nations Development Program: Various research assignments relating to Promoting Access to Energy for the Rural Poor. 2001-2006
- Senior Advisor, Bangalore Transport Visioning project. Janaagraha, Bangalore. 2005-2006
- Co-Principal Investigator, development of integrated alternative scenarios for the Boston Metro Region and engagement with the Boston Metro Futures process. US Environmental Protection Agency, 2004-2006.
- Team Leader, development of a tool to evaluate the effectiveness of anti-corruption measures based on institutional conditions across spheres of government, the economy and civil society. Four countries (in Africa, Latin America and South Asia) as case studies. US State Department project, 2002-2005).
- Consultant to the Division of Ratepayer Advocate, New Jersey for a variety of projects relating to energy efficiency and renewables in rate design and the Regional Greenhouse Gas Initiative. 2005-2006,
- Co-Principal Investigator, Hydrogen Transition Strategies in a Greenhouse Gas Constrained World, National Renewable Energy Laboratory (NREL) study. Extensive scenario analysis of vehicle profiles, infrastructure, fueling, economics in four cities in the U.S. 2002-2005.
- Principal Investigator, Transportation Pollution Reduction Incentive Program Design (Energy Foundation and Office of Commonwealth Development, Massachusetts). Developed alternative vehicle feebate designs for Massachusetts.
- Co-Principal Investigator, Policy Manual for Energy Sector Management Assistant Program (ESMAP) on Biomass Energy Strategies. Field trip to over 30 sites in India in May-July 2002 and interviews with over 100 manufacturers, entrepreneurs, government officials, NGOs and end-users of advanced bio-energy technologies. 2002-2004.
- Team Leader, research on private, bilateral and multilateral sources of financing for renewable energy and energy efficiency projects in developing countries, with special emphasis on ESCO financing. Conducted interviews and meetings in 2002-2003 with key personnel in financial institutions and NGOs.
- Technical Consultant, Rhode Island Greenhouse Gas Process. Analysis of mitigation options for transportation and land-use and stakeholder presentations in 2002-2003.
- Testified before United Nations Commission on Sustainable Development (CSD)-9 on transport and sustainable development as representative of Scientists Stakeholder Group in Multi-stakeholder Dialogue, April 2001.
- Resource Person and Trainer, Access to Regulation for Electricity Consumers. Conducted USAID-sponsored courses in India in February 2001 for industrial, commercial and residential consumers.
- Principal Investigator, Reducing Oil Dependence in California (Natural Resources Defense Council). Developed alternative scenarios in the transportation sector in California.
- Principal Investigator, multiple studies on the political economy of electricity reform in developing countries. Initial work started in 1995 at the International Energy Initiative (see below), which sponsored workshop on electricity restructuring in 14 Asian countries. Most recent studies include collaborative work

with World Resources Institute to examine reform processes in 6 countries and study of problems in Indian case. 1995-2002.

- 1999-2000 Visiting Professor, Environmental Planning, **Pratt Institute**, New York. Taught course on Environmental Monitoring and Analysis.
- 1999-2000 Consultant to Energy and Atmosphere Programme, **UNDP**, New York. Wrote and edited a series of reports on the general theme of energy for sustainable development. Also provided supporting materials to UNDP staff, including aide memoires and commentaries for country missions. Also developed the thematic report on electricity for the World Commission on Dams.
- 1995-99 Director (Operations and Asia): Management of international non-governmental organization seeking to promote the efficient production and use of energy for sustainable development, **International Energy Initiative**, Bangalore. Supervised over 65 activities in 40 countries through a network of organizations seeking to promote the efficient production and use of energy for sustainable development. Team Leader for replicating Rural Electricity and Water Supply Utilities in eight villages in India. Initiated studies on power sector reform and implications for sustainable development.
- 1998-99 Consultant, Center for Environmental Education, Research and Advocacy, **National Law School of India University**, Bangalore. Preparation of a training curriculum on environmental law for industry.
- 1989-94 Air Resources Engineering Associate: Evaluation of California's in-use motor vehicle emissions control policies, Mobile Source Division, **California Air Resources Board**, El Monte, CA. Provided staff support to long-term evaluation of the state's motor vehicle inspection and maintenance program, including study design, analysis, reporting and staff presentations. Outputs were significant in altering the design of the state's \$200 million program over subsequent years.
- 1988-89 Air Quality Scientist: Design and development of air quality dispersion model for Santiago, Chile - **ENSR Consulting and Engineering**, Camarillo, CA.
- 1987-88 Graduate Student Assistant: Database design, **Regional Water Quality Control Board**, Los Angeles, CA.
- 1986-87 Graduate Research Assistant: Groundwater research, microcomputer-based expert systems for groundwater pesticide regulation, **Environmental Science and Engineering, UCLA, CA**.
- 1985-86 Graduate Teaching Assistant: **Atmospheric Sciences, UCLA, CA**.
- 1983-85 Graduate Research Assistant: Microphysical parameterization in cloud models, **Institute of Atmospheric Sciences, SDSM&T**, Rapid City, SD.
- 1997 - Coordinator, **Econetworth**, Network for the assessment of Third World Environmental Impact Reports
- 1988-94 Member and editor: **Emergences**, journal of the group for the study of composite cultures, UCLA.
- 1986-89 Associate editor/publisher: **Vicharan**, journal of socio-political themes concerning South Asia.

## SELECTED PUBLICATIONS

### Books/Chapters

- S.C. Rajan (2020): *A Social Theory of Corruption: Notes from the Indian Subcontinent*, Harvard University Press, Cambridge (in press).
- S.C. Rajan (2015): “Who are the people of the world?” in Gupta, S. and S. Padmanabhan (eds), *Cosmopolitanism: Context, Inquiry and Critique*, Routledge, London.
- S.C. Rajan (2014): “Governing the Common Firm: The Evolution of Environmental Policy for Small Businesses in India” in Huang, R. and S. Gupta (eds), *Environmental Policies in Asia: Perspectives from Seven Asian Countries*, World Scientific.
- B.R. Allenby and S.C. Rajan (2012): *The Theory and Practice of Sustainable Engineering* (international edition), Prentice Hall, Ohio.
- S.C. Rajan (2012) Poor Little Rich Countries: Another Look at the ‘Resource Curse’ in Steve Vanderheiden (ed.) *The Politics of Energy – Challenges for a Sustainable Future*, Routledge, New York.
- S.C. Rajan (2011) Vested Interest or Private Interest? The Case of India in *Global Corruption Report 2011: Climate Change*, Transparency International, Earthscan, London.
- S.Byravan, S.C.Rajan, R.Rangarajan (2011) Sea Level Rise: Impact on Major Infrastructure, Ecosystems and Land Along the Tamil Nadu Coast, in Navroz Dubash (ed.) *Handbook of Climate Change and India: Development, Politics and Governance*, Oxford University Press, New Delhi.
- S.C. Rajan (2011) Parental Sacrifice as Atonement for Future Climate Change, in Michael Maniates and John Meyer (eds.) *The Environmental Politics of Sacrifice*, MIT Press, Cambridge, MA.
- S.C. Rajan (2008) Meeting the Millennium Ecosystem Assessment Challenge: The Case for Biome Stewardship Councils. In Janet Ranganathan et al., (Eds.) *Policies for Sustainable Governance of Global Ecosystem Services*, Edward Elgar, UK.
- Mayer Hillman, Tina Fawcett and S.C.Rajan (2007) *The Suicidal Planet: How to Prevent Global Climate Catastrophe*, St. Martin’s Press, New York.
- S.C. Rajan (2006) Automobility and the Liberal Disposition. In Steffen Boehm et al. (Eds.), *Against Automobility: Social Scientific Analyses of a Global Phenomenon*, Blackwell Publishing, Oxford.
- S.C. Rajan (2006) Public Avenues to Private Spaces: Regulating the Car. In J.D. Wolfhorst and Anne K. Haugestad (eds.), *Building Sustainable Communities: Ecological Justice and Global Citizenship*, Rodopi, Amsterdam, New York.
- S.C. Rajan (2005) Contributions relating to Corruption and Pollution. In Ashis Nandy and Vinay Lal (Eds.), *The Future of Knowledge and Culture: A Dictionary for the 21st Century*, Penguin/Viking, New Delhi.
- S.C. Rajan (2004) A Fine Balance: Controlling Automobile Pollution in California. In Melanie Dupuis (ed.), *Smoke And Mirrors: Air Pollution as a Social and Political Artefact*, New York University Press, New York.

Dubash, N. and S.C. Rajan (2002) India: Electricity Reform Under Political Constraints. In *Power Politics: Equity and Environment in Electricity Reform*, World Resources Institute, Washington, DC.

S.C. Rajan (1999) Energy and Environmental Management. In S.N. Chary and V. Vyasulu (Eds.) *Environmental Management: An Indian Perspective* New Delhi, Macmillan.

S.C. Rajan (1996) *The Enigma of Automobility: Democratic Politics and Pollution Control*, University of Pittsburgh Press, Pitt Series on Policy and Institutional Studies.

M. FitzSimmons, J. Glaser, R. Montemor, S. Pincetl and S.C. Rajan (1994) "Environmentalism and the liberal state," in Martin O'Connor: *Is Capitalism Sustainable?* Guilford Books.

## Journals

S.C. Rajan (2019) "Becoming Urban or Bypassed in the Periurban? An Emerging Challenge for Global Ethics." *Journal of Global Ethics* 15 (1): 6-20.

S.C. Rajan and S. Byravan (2018) "Below the Guard Rail: Transformative Change for Climate Security." Commentary in *Economic & Political Weekly* 53, no. 51: 13-16.

Rajan, S.C. (2017) "Practising Theory in the Anthropocene." Discussion in *Economic & Political Weekly* 52, no. 14: 72-74.

Byravan, S. and S.C. Rajan (2017) "Taking Lessons from Refugees in Europe to Prepare for Climate Migrants and Exiles." *Environmental Justice*, 10(4): 108-111.

Byravan, S. and S.C. Rajan (2015): "Sea level rise and climate change exiles: A possible solution." *Bulletin of the Atomic Scientists* 71(2): 21-28.

Adaina, KC and S.C. Rajan (2012): "Rethinking Rationality in Environmental Policy" *Indian Economic Journal*, 60(1): 23-38.

Rajan, S.C. (2011): "Poor little rich countries: Another look at the 'resource curse'" *Environmental Politics*, 20(5): 617-632.

Rajan, S.C. and Byravan S. (2011): "Developmental benefits from a low-carbon pathway" *Economic and Political Weekly*, 46, 15:18.

Byravan S. and S.C. Rajan (2010): "The ethical implications of sea-level rise due to climate change" *Ethics & International Affairs* Vol. 24, no. 3, pp. 239-60.

S. Byravan and S.C. Rajan (2009): "Warming up to immigrants: An option for US climate policy, *Economic and Political Weekly*, 44, 19-23.

W. Dougherty, S. Kartha, S.C. Rajan, M. Lazarus, A. Bailie, B. Runkle, A. Fencel (2009): "Greenhouse gas reduction benefits and costs of a large-scale transition to hydrogen in the USA," *Energy Policy*, 37, 56-67.

S.C. Rajan (2008): Review of "Americas Kingdom: Mythmaking on the Saudi Oil Frontier" by Robert Vitalis, *Arab Studies Journal*, 15, 218-222.

S.C. Rajan (2007): "Global Politics and Institutions: A 'Utopistic' View," *Economic and Political Weekly* October 13, 42 (41): 4174-4182.

- S.C. Rajan (2007): “Automobility, liberalism and the ethics of driving,” *Environmental Ethics* Spring 2007, 77-90.
- S. Byravan and S.C. Rajan (2006): “Providing homes for climate change exiles,” *Climate Policy* 6 247–252.
- S.C. Rajan (2006): “Automobility and the liberal disposition.” *The Sociological Review* 54, no. s1:, pp.113-129.
- S.C. Rajan (2006): “Climate Change Dilemma: Technology, Social Change, or Both? An Examination of Long-Term Transport Policy Choices in the United States,” *Energy Policy* 34: 664–679.
- S. Byravan and S.C. Rajan (2005): “Immigration could ease climate change impact,” *Nature* Mar 24; 434 (7032): 435
- S.C. Rajan (2004): “The role of social change in the US transport sector for climate change mitigation,” *Energy for Sustainable Development*, VIII (2), 39-46.
- A.A. Phadke and S.C. Rajan (2003) “Electricity Reforms in India: Not too late to go back to the drawing board,” *Economic and Political Weekly*, 38 (15).
- N.K.Dubash and S.C.Rajan (2001) “Power Politics: The process of power sector reforms in India,” *Economic and Political Weekly*, 36(35): 3367-3390.
- S.C. Rajan and A. D’Sa (2000) “Captive power generation – air pollution impacts due to increased capacity utilisation,” *Energy for Sustainable Development*, 4(1): 77-85.
- S.C. Rajan (1996) “Diagnosis and repair of excessively emitting vehicles,” *Journal of the Air and Waste Management Association*, (46): 940-952.
- S.C. Rajan (1992) “Legitimacy in environmental policy - the regulation of automobile maintenance in California,” *International Journal of Environmental Studies*, (42): 243-258.
- M. FitzSimmons, J. Glaser, R. Montemor, S. Pincetl and S.C. Rajan (1991) “Environmentalism and the American liberal state,” *Capitalism, Nature, Socialism*, 6.
- R.D. Farley and S.C. Rajan (1986) “Comparison of numerical schemes applied to the particle growth equation in a hail model,” *Preprints in Cloud Physics*, American Meteorological Society, JP301-304.

## Technical Reports

- Periurban Initiative Research Group Led by S.C. Rajan (2017): *Future Sea Level Rise: Assessment of Loss and Damage in Chennai in 2050*, Tamil Nadu State Land Use Research Board, Chennai.
- Lehmann, H. and S.C. Rajan (2015): *Sustainable Lifestyles: Pathways and Choices for India and Germany*, Indo-German Expert Group on Green and Inclusive Economy, GIZ, Berlin.
- S.C. Rajan et al. (2014): *Long-Term Energy and Development Pathways for India*. Shakti Foundation, New Delhi.
- Byravan S., S.C. Rajan and G. Reddy (2014): *Climate Change and Migration in South Asia*. Brief Produced for Heinrich-Boell Stiftung, New Delhi.
- S.C. Rajan (2013): *Strategies to Achieve Transport Sustainability in India*. A Report to Renault Nissan Technology Business Centre, India.

- Annamalai, T.R., S.C. Rajan, A. Deep, and J.A. Gómez-Ibáñez (2012): Impact of changes in the transparency of infrastructure procurement and delivery on infrastructure access, *costs*, efficiency, price and quality: a systematic review of the evidence in developing countries. London: EPPI-Centre, Social Science Research Unit, Institute of Education, University of London.
- Byravan S. and S.C. Rajan (2012): *An Evaluation of India's National Action Plan on Climate Change*. A Report published by the Centre for Development Finance, Chennai, and Indian Institute of Technology Madras, Chennai, India.
- Annamalai, TR, S.C. Rajan, Deep, A., and Gomez-Ibanez, J.A. (2012): Impact of changes in the transparency of infrastructure procurement and delivery on infrastructure quality, costs, and access: A systematic review of the evidence in developing countries, London: EPPI-Centre, University of London.
- Byravan S., S.C. Rajan and R Rangarajan (2010): *Sea Level Rise: Impact on major infrastructure, ecosystems and land*. A Report published by the Centre for Development Finance, Institute for Financial Management and Research, Chennai, and Indian Institute of Technology Madras, Chennai, India.
- Goldstein, J., S.C. Rajan, P. Raskin, A. Fleder (2008): *Contours of the Future: Alternative Scenarios for the Boston Region*, U.S. Environmental Protection Agency's Science to Achieve Results (STAR) report #X3832306, Tellus Institute.
- S.C. Rajan (2008): *Blue Alert: Climate Migrants in South Asia – Estimates and Solutions*, Greenpeace International.
- S.C. Rajan and J. Stutz (2006): Economic Benefits and Feasibility of *Strategies to Reduce Petroleum Consumption in California*, Tellus Institute, Report #06-026.
- S.C. Rajan (2005): *The Case for Biome Stewardship Councils*, Political Review of the Millennium Ecosystem Assessment, for World Resources Institute.
- A. Bailie, B. Dougherty, S. Kartha, M. Lazarus, C. Rajan, B. Runkle, (2005). *Hydrogen Transitions in a Greenhouse Gas Constrained World*, for National Renewable Energy Laboratory, Golden, CO.
- S. Kartha, G. Leach, and S.C. Rajan (2005). *Advancing Bioenergy for Sustainable Development: Guideline for Policymakers and Investors*, for ESMAP, World Bank.
- S.C. Rajan (2004): *Massachusetts Transportation Pollution Reduction Incentive Program Design (IPRIP)*, Office of Commonwealth Development, MA.
- Bernow, S.; S.C. Rajan; R. Cleetus; J. Raab (2003): Phase II: Rhode Island Greenhouse Gas Stakeholder Process - Recommendations on a *Vehicle Efficiency Incentive Program for Rhode Island*, Department of Environmental Protection, RI.
- S.C. Rajan, R. Cleetus, N. Odeh and S. Kartha (2002). *World Energy Assessment Training Modules*, UNDP.
- S. Bernow, A. Cotter and S.C. Rajan (2002). TCRP Project J-06/Task21 FY'01 A New Process for Determining TCRP *New Paradigms Research Topics*. TCRP New Paradigms Working Group.
- W. Dougherty, S. Kartha, A. Bailie, S. Bernow and S.C. Rajan (2001), Assessment of Policies to Support Fuel Cell Buses and the *Transition to the Hydrogen Economy*.
- S.C. Rajan, et al. (2001), *Environmental Tax Shifting in Massachusetts – Taxes that Work for our Environment and the Economy*. With Environmental League of Massachusetts.



S. Bernow, R. Cleetus, and S.C. Rajan (2001), *Environmental Futures for the United States: Early Warnings and Alternative Paths*, U.S. EPA.

Eberhard, A., Lazarus, M., Bernow, S., Rajan, S.C., Lefevre, T., Cabrera, M., O'ear, D., Peters, R., Svensson, B., Wilkinson, R. (2000). *Electricity Supply and Demand Side Management Options*, Thematic Review IV.1 prepared as an input to the World Commission on Dams, Cape Town.

S.C.Rajan (2000), Energy as an Instrument for Sustainable Human Development. In *Sustainable Energy Strategies: Materials for Decision-Makers*, UNDP. Also edited entire volume.

S.C. Rajan (1999) Power sector reforms in the 1990s: The Indian Case. In AESIEAP Goldbook 2000, UK.

E.Morris and S.C. Rajan (1999), *Energy as it Relates to Poverty Alleviation and Environmental Protection"* EC/UNDP Poverty and Environment Initiative Series.

S.C. Rajan and A.K.N. Reddy (1998) BexNet: A Sustainable Public Transport Solution for Bangalore based on the Curitiba Experience, International Energy Initiative, Bangalore.

A.R. Shivakumar, S.C. Rajan and A.K.N. Reddy (1998) *Replication of Rural Electricity and Water Supply Utilities – Report to Rockefeller Foundation*, International Energy Initiative, Bangalore.

A.R. Shivakumar, S.C. Rajan and A.K.N. Reddy (1998) *Large-Scale Dissemination of Solar Water Heaters- An Implementation Package*, International Energy Initiative, Bangalore.

S.C. Rajan (1995) *Report on the California I/M Evaluation Program 1991-93*, California Air Resources Board Technical Report, El Monte.

S.C. Rajan (1991) *ARB/BAR 1990 Random roadside survey*, California Air Resources Board Technical Report, El Monte.

S.C. Rajan (1990) *ARB/BAR 1989 Random roadside survey*, California Air Resources Board Technical Report, El Monte.

D. Mackay, S.C. Rajan and Y. Rong (1988) Expert systems and fuzzy set models as decision-making tools for regulating pesticide contamination in groundwater, Environmental Science and Engineering Technical Report to California Water Resources Board.

## **Newspapers and Magazines**

S. Byravan and S.C. Rajan (2018): “Our time begins now” in *The Hindu*, December 25 (edit page).

S.C. Rajan and S. Byravan (2017): “Technology alone isn’t the solution: on the air pollution crisis” in *The Hindu*, December 25 (edit page).

S.C. Rajan (2017): “A Minute for Macaulay,” in *The Hindu*, August 24 (edit page).

S. Byravan and S.C. Rajan (2015): “At Paris, Something for Everyone,” in *The Hindu*, December 15 (edit page).

S.C. Rajan (2015): “Where are the Engineers?” in *The Hindu*, June 17 (edit page).

S. Byravan and S.C. Rajan (2012): “Warming Signs for the Economy,” in *The Hindu*, August 22 (edit page).

- S. Byravan and S.C. Rajan (2011): “Unprepared for the Rising Sea Level,” in *Business Line* April 19 (edit page).
- S. Byravan and S.C. Rajan (2009): “The Climate Exile Alarm,” in *The Hindu*, July 15 (edit page).
- S.C. Rajan (2007): “A Pyrrhic Victory in Bali,” in *The Hindu*, December 20 (edit page).
- S. Byravan and S.C. Rajan (2005): “Before the Flood,” in *New York Times*, May 9 (edit page); reprinted in *International Herald Tribune*, May 12.
- S.C. Rajan (2001): “Nader here nor there,” in *Indian Express*, January 3 (edit page).
- S.C. Rajan (1998): “Food for thought,” review of *The Great Grain Drain: An Analysis of Factors Contributing to Food Insecurity in the Developing World*, Books for Change, in *Indian Review of Books* August 16-September 15.
- S.C. Rajan (1998): “South Asian Security Hinges on Welfare,” in *Times of India*, July 16 (edit page).
- S.C. Rajan (1998): “Fantasies about the bomb” *The Deccan Herald*, June 14.
- S.C. Rajan (1998): “Green Diplomacy,” review of Mukund Govind Rajan: *Global Environmental Politics*, Oxford University Press, in *Indian Review of Books* May 16-June 15.
- S. Byravan and S.C. Rajan (1998): “BJP Up in Arms, But Little Else,” *Times of India*, February 24 (edit page).
- S.C. Rajan and A.K.N. Reddy (1997): “Regulatory Reform in the Power Sector,” *Business Line*, December 6.
- S.C. Rajan and A.K.N. Reddy (1997): “Choose the Right Switch: APSEB Reforms,” *Business Line*, October 7.
- S.C. Rajan (1997) “Environmental Impact Assessments -- Fundamentally Flawed,” *Hindu Survey of the Environment*.
- S.C. Rajan (1997) “Millenarianist Anxiety,” review of Jagtenberg and Mckie: *Ecological Impacts and the Greening of Postmodernity*, Sage Publications, in *Indian Review of Books*, August 16-September 15.

### **Selected Meetings**

- S.C. Rajan, 2018. “Roads in the Anthropocene.” Invited keynote speaker, Student Conference on Conservation Science, 15-18 October, Bengaluru.
- Adelina, C., Hill, C., John, R., Kuttler, T., Rajan, S.C., Roul, A. and Woiwode, C., 2015. “Peri-urban Dynamics and Sustainability in Chennai: The Case of Sriperumbudur.” In *XVIN-AERUS CONFERENCE: WHO WINS AND WHO LOSES?*(p. 107).
- S.C. Rajan “Who are the people of the world?” Conference on Politics in a Global Age: Territory, Sovereignty and Rights, IIT Madras, Chennai, December 12-14, 2011.
- S.C. Rajan “Ethics of climate change revisited,” Roundtable on Responses to Climate Change, American Political Science Association meeting, Seattle, WA, Aug 30-Sep 4, 2011.
- S.C. Rajan “Empire in the global commons: American exceptionalism, cosmopolitanism, and the environmentalist dilemma,” at Western Political Science Association meeting, Las Vegas, NV, March 8-12 2007.

A.Bailie, W.D. Dougherty, S. Kartha, M. Lazarus, S.C. Rajan, and B. Runkle “Hydrogen Transitions in a Greenhouse Gas Constrained World,” at Transportation Research Board meeting, Washington DC., January 14-17 2007.

S.C. Rajan Invited Speaker on Climate Change: Risks and Opportunities, Verizon Corporate Responsibility and Workplace Culture Council, Basking Ridge, NJ, June 7, 2006.

S.C. Rajan Invited Speaker on Global Picture for Ethanol as a Transport Fuel, Boston Securities Analysts Society, Boston, MA, December 4, 2005.

S.C. Rajan Trainer, Consultative Group of Experts Climate Change Mitigation Training Workshop, UNFCCC, Seoul, Republic of Korea from 26-30 Sept. 2005.

S.C. Rajan Chair, Political Expressions of Environmental Justice, American Political Science Association Meeting, Washington DC, September 1-4, 2005.

S.C. Rajan “The future of coal in India’s energy sector,” Invited seminar speaker at MIT’s China Energy Study Group, Cambridge, MA, April 5, 2005.

S.C. Rajan “Is Democracy Possible, Part II: Cosmopolitan Ideas and the Problem of Global Political Community,” at Western Political Science Association meeting, Oakland, CA, March 16-19, 2005.

S.C. Rajan “Energy Security Issues in India,” Invited speaker at Harvard Asian Business Conference, Cambridge, MA, February 18-19, 2005.

S.C. Rajan “Automobility and discomposure in liberal ethics,” at Western Political Science Association meeting, Portland, OR, March 11-13, 2004.

S.C. Rajan “Public avenues to private spaces: Regulating the car,” at 3rd Global Conference on Ecological Justice and Global Citizenship, Copenhagen, February 12-14, 2004.

S.C. Rajan “Reforming the reforms: Learning from troubles in the power sector worldwide,” at International workshop on Options for Introducing a More Competitive Market Structure in India’s Power Sector, Agra, October 28-29, 2002.

S.C. Rajan “Automobility and the liberal disposition,” at Automobility Conference, Centre for Social Theory & Technology, Keele University, UK, 8-10th September 2002

S.C. Rajan “Sustainable transport planning” Dialogue paper by Scientific and Technological Communities at Multi-stakeholder Dialogue on Sustainable Energy and Transport, UN Commission on Sustainable Development, Session 9, United Nations, New York, April 16-18, 2001.

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R. Damle and S.C. Rajan “Need for an alternative technology education in the Third World,” presented at UNESCO Conference on Science and Technology Education in the Third World, IIT Bombay, January 17-21, 1983.

## OTHER

- Member, Resource Efficiency Steering Committee, Ministry of Environment, Forests and Climate Change, Government of India, 2018-
- Member, Ashoka Trust for Research in Ecology and the Environment (ATREE), Academic Advisory Council 2017-
- Member of Expert Committee on Modelling to meet Nationally Determined Contributions, Ministry of Environment, Forests and Climate Change, Government of India, 2017-
- Member of Selection Committee, National Institute for Advanced Studies, Shimla, 2013-2017
- Expert Member of Indo-German Group on Green Economy, 2013-2017
- Member, Sub-Committee on Ethics, Ministry of Environment and Forests, Government of India, 2011-2014
- Member, National Transport Development Committee, Ministry of Urban Development, Government of India, 2010-2012
- Bellagio Center Residential Fellow, Climate Change and Sea-Level Rise, 2007
- Chair, Ecological and Transformational Politics, American Political Science Association, 2005-2007
- Salzburg Seminar Fellow, Energy, Environment and Economics in Asia, 2001.