

インドにおける持続可能な低炭素社会発展シナリオとロードマップの開発 Sustainable development Low Carbon Society Scenarios and Roadmap for India

Prof. P.R. Shukla

Professor, Public System Group, Indian Institute of Management, Ahmedabad, India

Study history: Ph.D., Stanford University

Work experience: Professor in Public Systems Group at the Indian Institute of Management, Ahmedabad (since)

Research Expertise: Integrated Assessment of Sustainable Low Carbon Society Roadmaps; Socio-economic Assessment and Policy Analysis; Energy, Environment and Development Policy; Ethical Concepts in Global Agreements; International Cooperation



Prof. Priyadarshi Shukla is a lead author of several prestigious international reports including nine reports of the Intergovernmental Panel on Climate Change (IPCC). He has been a member of the official Government of India delegation to the Conference of Parties to the UN Framework Convention on Climate Change. Prof. Shukla has provided consultation and advisory services to Governments and international organizations. He has led numerous international research and consulting projects and is a member of several international teams working on energy and environment modeling and policy assessments. His key contributions include concepts and methods to represent developing country dynamics in integrated assessment modeling and policy research. Prof. Shukla is an invited member of the editorial advisory board of several international journals. He has co-authored thirteen books and numerous publications in international journals in the areas of sustainable development, energy and environment modeling and policies.

Most recent Book:

Dhar Subash and Shukla P.R. (2010). “Gas Markets in India: Evolution and Future Scenarios”, McGraw Hill, New Delhi

Some recent Journal Papers

1. Shukla P. R. Dhar S and Fujino J, “Renewable energy and low carbon economy transition in India”, *Journal of Renewable and Sustainable Energy* 2, 031005, 2010.
2. Shukla, P. R., Garg, A., and Dhar, S (2009), “Integrated Regional Assessment for South Asia: A Case Study”. In C. G. Knight, & J. Jäger (Eds.), *Integrated Regional Assessment: Challenges and Case Studies* 231-25, Cambridge Universities Press, 2009.
3. Menon-Choudhury Deepa and Shukla P.R. (2009), “An integrated strategy for urban Air Quality Management in India”, *International Journal of Environment and Pollution*, Vol. 39, Nos. 3/4, 2009, 233-252
4. Shukla, P. R., Garg, A., and Dhar, S (2009), “Integrated Regional Assessment for South Asia: A Case Study”. In C. G. Knight, & J. Jäger (Eds.), *Integrated Regional Assessment of Global Climate Change*, Cambridge University Press.
5. Shukla, P.R., Dhar, Subash, Victor, David G, and Jackson, Mike (2009) Assessment of demand for natural gas from the electricity sector in India, *Energy Policy*, 37 (9), 3520-3534
6. Hourcade, J.C, Shukla P. R. and Mathy S, (2008), “Untying the Climate-Development Gordian Knot - Economic Options in a Politically Constrained World”, in Roger Guesnerie and Henry Tulkens, editors, *The Design of Climate Policy*, CESifo Seminar Series, Boston: The MIT Press, pp. 75-99.
7. Shukla, P. R., Dhar, S and Mahapatra D (2008), “Low Carbon Society Scenarios for India”, *Climate Policy*, Volume 8, S156-S176.
8. Halsnæs K., Shukla P.R. and Garg (2008), A. Sustainable development and climate change: lessons from country studies, *Climate Policy*, Volume 8, Number 2, pp. 202–219
9. Halsnaes K and Shukla P.R. (2007), “Sustainable development as a framework for developing country participation in international climate change policies”, *Mitigation and Adaptation Strategy for Global Change*, Vol. 13, pp 105-130.
10. Shukla P.R, Garg A, Kapshe M, and Nair R (2006), “India’s Non-CO2 GHG Emissions: Development Pathways and Mitigation Flexibility”, *Energy Journal* (Special Issue), pp. 461-483.