



Short CV: Dr. Daigee Shaw

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Daigee Shaw, President of Chung-Hua Institution for Economic Research and Research Fellow at the Institute of Economics, Academia Sinica, specialized in economic analysis and policy analysis related to natural resources and pollution control issues. In addition to conduct research and analysis, Dr. Shaw keeps on providing policy recommendations resulted from his researches for use in decision-making, outreach, and education for the public and governments. Projects managed by Dr. Shaw include institutional analysis as related to green tax reform, cap and trade program for greenhouse gases, solid waste recycling, implementation of the Principle of Extended Producer Responsibility, and river-basin natural resource management, benefit-cost analysis and risk assessment as related to air pollution and global warming, estimation of benefit and cost functions of pollution

control, socioeconomic impact assessment as related to electric power facilities and disaster reduction, and facility siting policy analysis, i.e., Not In My Back Yard (NIMBY) syndrome, as related to hazardous facilities, designing and implementing the framework and manual of environmentally adjusted national accounting, and on designing an energy and environment tax system, a tradable effluent discharge system and effluent fee system for river-basin water pollution control and a cap and trade program for greenhouse gases and air pollution control. Dr. Shaw has published many articles in a number of professional journals, including *American Economic Review*, *Journal of Econometrics*, *Journal of Environmental Economics and Management*, *Environmental Economics and Policy Studies*, *Marine Resource Economics*, *Journal of Environmental Engineering*, *Natural Hazards*, and *Risk Analysis*. Dr. Shaw, with coauthors, has written two Chinese textbooks in the field of environmental economics. Dr. Shaw is coeditor of *Managing Conflict in Facility Siting: An International Comparison* (2005), *Global Warming and the Asian Pacific* (2003), and *The Economics of Pollution Control in the Asia Pacific* (1996), from Edward Elgar, and editor of *Comparative Analysis of Siting Experience in Asia* (1996), published by the Institute of Economics of Academia Sinica. Dr. Shaw, with coworkers, has translated two English textbooks into Chinese: *Environmental Economics and Policy* (by Paul B. Downing) in 1988 and *Free Market Environmentalism* (by T.L. Anderson and D.R. Leal) in 1995. Dr. Shaw won the Ministry of Education Academic Award for Distinguished Scholarship in 1995. Dr. Shaw is also Professor of Economics in the Department of Economics, National Cheng-Chi University, and in the Institute of Natural Resource Management, National Taipei University. He received his Ph.D. in resource policy, economics and management from the University of Michigan in 1985, his MS in forest management in 1978 from National Taiwan University and his BS in forestry in 1974 from National Chung-Hsing University.