

Margaret Walls

Resources for the Future
1616 P Street, N.W.
Washington DC 20036

Phone: (202) 328-5092
Fax: (202) 939-3460
Email: walls@rff.org

EXPERIENCE

February 2006 – present

Resources for the Future

Washington DC

Senior Fellow

Job includes academic research and policy analysis, written and oral communication to lay audiences, as well as academia, industry, and the policy community, and grant writing and proposal preparation. Current research interests: urban and suburban land use problems, including assessing options for increasing preservation of open space; transportation modeling, transportation policy, and analysis of telecommuting; solid waste, recycling, and product stewardship including identifying and comparing policy instruments to promote “design for environment.” RFF is an independent, nonprofit research organization (www.rff.org).

Nov. 2000 – February 2006

Resources for the Future

Washington DC

Resident Scholar

January 1996 – November 2000

Victoria University

Wellington, New Zealand

Associate Professor, School of Economics and Finance

Undergraduate courses taught: intermediate microeconomics, dynamic systems and resource economics, industrial organization, and economics for tourism; graduate courses taught: public economics and economics for the MBA.

October 1987 – January 1996

Resources for the Future

Washington DC

Fellow

Indefinite appointment (equivalent of academic tenure) granted in 1994.

EDUCATION

1982-1987

University of California

Santa Barbara, CA

Ph.D. in Economics (awarded 1988)

Thesis: A Dynamic Optimization Approach to Modeling Petroleum Exploration with an Application to the 1986 Oil Price Decline

Dissertation Committee: Robert Deacon (chair), Walter Mead, Jon Sonstelie,
Gary Hanson

1977-1981

University of Kentucky

Lexington, KY

B.S. in Agricultural Economics

REFEREED JOURNAL PUBLICATIONS

Ian Parry, Margaret Walls, and Winston Harrington, "Automobile Externalities and Policies," *Journal of Economic Literature*, forthcoming.

Margaret Walls, Elena Safirova, and Yi Jiang, "What Drives Telecommuting? The Relative Impacts of Worker Demographics, Employer Characteristics, and Job Types," *Transportation Research Record*, forthcoming.

Peter Nelson, Elena Safirova, and Margaret Walls, "Telecommuting and Environmental Policy: Lessons from the ecommute Program," *Transportation Research-Part D: Transport and Environment*, forthcoming.

Elizabeth Kopits, Virginia McConnell, and Margaret Walls, "Making Markets for Development Rights Work: What Determines Demand?" *Land Economics*, forthcoming.

Virginia McConnell, Elizabeth Kopits, and Margaret Walls, "How Well Can Markets for Development Rights Work? Evaluating a Farmland Preservation Program," *Journal of Environmental Planning and Management*, September 2006.

Virginia McConnell, Margaret Walls, and Elizabeth Kopits, "Zoning, TDRs, and the Density of Development," *Journal of Urban Economics*, vol. 59, issue 3 (May) 2006, pp 440-457.

Paul Calcott and Margaret Walls, "Waste, Recycling, and 'Design for Environment': Roles for Markets and Policy Instruments," *Resource and Energy Economics*, vol. 27, no. 4 (November) 2005, pp 287-305.

Virginia McConnell, Elizabeth Kopits, and Margaret Walls, "Farmland Preservation and Residential Density: Can Development Rights Markets Affect Land Uses?" *Agricultural and Resource Economics Review*, vol. 34, no. 2 (October) 2005, pp 131-144.

Margaret Walls, Molly Macauley, and Soren Anderson, "Private Markets, Contracts, and Government Provision: What Explains the Organization of Local Waste and Recycling Markets?" *Urban Affairs Review*, vol. 40, no. 5 (May) 2005, pp 590-613.

Margaret Walls, "How Local Governments Structure Contracts with Private Firms: Economic Theory and Evidence on Solid Waste and Recycling Contracts," *Public Works Management and Policy*, vol. 9, no. 3 (January) 2005, pp 206-222.

James Boyd, Dallas Burtraw, Alan Krupnick, Virginia McConnell, Karen Palmer, James Sanchirico, and Margaret Walls, "Trading Cases: Protecting Natural Resources and the Environment with Market-Based Approaches," *Environmental Science and Technology*, vol. 37, no. 11 (June) 2003, pp 217-223. Reprinted in *The RFF Reader in Environmental and Resource Management 2nd Edition*, Wallace Oates, ed. (Washington, DC: Resources for the Future), 2006.

Margaret Walls and Karen Palmer, "Upstream Pollution, Downstream Waste Disposal, and the Design of Comprehensive Environmental Policies," *Journal of Environmental Economics and Management*, V41 (February) 2001, pp 94-108.

Paul Calcott and Margaret Walls, "Can Downstream Waste Disposal Policies Encourage Upstream 'Design for Environment'?" *American Economic Review*, V90 no. 2 (May) 2000, pp 233-237.

Margaret Walls and Jean Hanson, "Distributional Aspects of an Environmental Tax Shift: The Case of Motor Vehicle Emissions Taxes," *National Tax Journal*, V52 no. 1 (March) 1999, pp 53-66.

Karen Palmer and Margaret Walls, "Optimal Policies for Solid Waste Disposal: Taxes, Subsidies, and Standards," *Journal of Public Economics*, V65 no. 2 (August) 1997, pp 193-205.

Karen Palmer, Hilary Sigman, and Margaret Walls, "The Costs of Reducing Municipal Solid Waste," *Journal of Environmental Economics and Management*, V33, no. 2 (June) 1997, pp 128-50.

Margaret Walls, "Valuing the Characteristics of Natural Gas Vehicles: An Implicit Markets Approach," *Review of Economics and Statistics*, V78 no. 2 (May) 1996, pp 266-76.

Margaret Walls, "Using a 'Hybrid' Approach to Model Oil and Gas Supply: A Case Study of the Gulf of Mexico Outer Continental Shelf," *Land Economics*, V70 no. 1 (February) 1994, pp 1-19.

Margaret Walls, Alan Krupnick, and Carol Collins, "Global Warming and Urban Smog: The Cost-Effectiveness of CAFE Standards and Alternative Fuels," *The Energy Journal*, V14 no. 4 (October) 1993, pp 75-97.

Margaret Walls, "Federalism and Offshore Oil Leasing," *Natural Resources Journal*, V33 (Summer) 1993, pp 777-795.

Margaret Walls, "Internalizing Energy Market Externalities in a Federalist System of Government," *Energy Policy*, April 1993, pp 385-390.

Margaret Walls, "Modeling and Forecasting the Supply of Oil and Gas: A Survey of Existing Approaches," *Resources and Energy*, V14 (September) 1992, pp 287-309.

Alan Krupnick and Margaret Walls, "The Cost-Effectiveness of Methanol for Reducing Motor Vehicle Emissions and Urban Ozone," *Journal of Policy Analysis and Management*, V11 no. 3 (July) 1992, pp 373-396.

Margaret Walls, "Dynamic Firm Behavior and Regional Deadweight Losses From a U.S. Oil Import Fee," *Southern Economic Journal*, V57 no. 3 (January) 1991, pp 772-788.

Margaret Walls, "Welfare Cost of an Oil Import Fee," *Contemporary Policy Issues*, V8 (April) 1990, pp 176-189.

BOOK CHAPTERS AND REPORTS

Virginia McConnell, Margaret Walls, and Nick Kelly. *Markets for Preserving Farmland in Maryland: Making TDR Programs Work Better*. Harry R. Hughes Center for Agro-Ecology Final Report, February 2007.

Margaret Walls, *Trading Spaces: How Transferable Development Rights Programs Work in U.S. Communities*. RFF Final Report to Mellon Foundation, January 2007.

Margaret Walls, *Extended Producer Responsibility Policies and Product Design: Economic Theory and Selected Case Studies*, OECD Environment Directorate Report ENV/EPOC/WGWPR(2005)9/FINAL, Paris, France: February 2006.

Ian Parry, Hilary Sigman, Margaret Walls, and Robertson Williams, "The Incidence of Pollution Control Policies," forthcoming in *International Yearbook of Environmental and Resource Economics*, Vol. X, Henk Folmer and Tom Tietenberg, eds. (London: Edward Elgar Publishers).

Elizabeth Kopits, Virginia McConnell, and Margaret Walls, "A Market Approach to Land Preservation," in *The RFF Reader in Environmental and Resource Management 2nd Edition*, Wallace Oates, ed. (Washington, DC: Resources for the Future), 2006. Earlier version published in *Resources*, Issue 150, Spring 2003.

Virginia McConnell and Margaret Walls, *The Value of Open Space: Evidence from Studies of Nonmarket Benefits*, Resources for the Future Report, January 2005. Available at <http://www.rff.org/rff/Publications/Reports.cfm>.

Winston Harrington, Karen Palmer, and Margaret Walls, "State Innovation in Environmental Improvements: Experimental Federalism," in *New Approaches on Energy and the Environment: Policy Advice for the President*, Richard Morgenstern and Paul Portney, eds. (Washington, DC: Resources for the Future), November 2004. Reprinted in *The RFF Reader in Environmental and Resource Management, 2nd Edition*, Wallace Oates, ed. (Washington, DC: Resources for the Future), 2006.

Margaret Walls, "The Role of Economics in Extended Producer Responsibility: Making Policy Choices and Setting Policy Goals," in *Economic Aspects of Producer Responsibility*, (Organization for Economic Cooperation and Development (OECD): Paris) June 2004.

Karen Palmer and Margaret Walls, *The Product Stewardship Movement: Evaluating Costs, Effectiveness, and the Role for Policy*, Resources for the Future Report, November 2002. Available at <http://www.rff.org/rff/Publications/Reports.cfm>.

Molly Macauley and Margaret Walls, "Solid Waste Policy," in *Public Policies for Environmental Protection, 2nd ed.*, Paul Portney and Robert Stavins, eds. (Washington, DC: Resources for the Future), 2000.

Winston Harrington, Margaret Walls, and Virginia McConnell, "Shifting Gears: New Directions for Cars and Clean Air," in *The RFF Reader in Environmental and Resource Management*, Wallace Oates, ed. (Washington, DC: Resources for the Future), 1999.

Winston Harrington, Virginia McConnell, and Margaret Walls, "Who's in the Driver's Seat? Mobile Source Policy in the U.S. Federal System" in *Economic Aspects of Environmental Policy Making in a Federal State*, John Braden and Stef Proost, eds. (London: Edward Elgar Publishing) 1996.

Lewis Evans, Neil Quigley, and Margaret Walls, *Review of the Road Management and Funding Policies Proposed in "Better Transport, Better Roads,"* Report to the New Zealand Secretary of Transport, December 1999.

Lewis Evans, David Boles de Boer and Margaret Walls, *A Cost-Benefit Study of the Privatisation of New Zealand Railways*, New Zealand Institute for the Study of Competition and Regulation report to the New Zealand Treasury, August 1999.

Margaret Walls, "Applications of Energy Security Externalities to Transportation Policy," Chapter 7 of *The Economics of Energy Security*, by Douglas R. Bohi and Michael A. Toman (Boston, MA: Kluwer Academic Publishers), 1996.

Michael Toman and Margaret Walls, "Nonrenewable Resource Supply: Theory and Practice," Chapter 9 of *The Handbook of Environmental Economics*, Daniel Bromley, ed. (Basil Blackwell: Oxford), 1995.

Margaret Walls, "Motor Vehicles and Pollution in Central and Eastern Europe," in *Pollution Abatement Strategies in Central and Eastern Europe*, Michael A. Toman, ed. (Resources for the Future: Washington, DC), 1994.

Margaret Walls, "U.S. Energy and Environmental Policies: Problems of Federalism and Conflicting Goals," in *A Comprehensive Energy Policy: The Impossible Dream?* Hans Landsberg, ed. (Resources for the Future: Washington, DC), 1993.

Margaret Walls and Andrew S. Jones, "The U.S. Oil Industry Response" in *The Oil Market in the 1980s: A Decade of Decline*, Siamack Shojai and Bernard Katz, eds. (Praeger Publishers: New York), 1992.

Margaret Walls, "Costs of Methanol Systems: Commentary" in *Methanol as an Alternative Fuel Choice: An Assessment*, Wilfrid L. Kohl, ed. (Johns Hopkins Foreign Policy Institute: Washington, DC), 1990.

OTHER PUBLICATIONS

Virginia McConnell, Margaret Walls, and Elizabeth Kopits, "Explaining Sprawl: How Much Does Zoning Matter?" *Resources* Spring 2006.

Karen Palmer and Margaret Walls, "Putting the 'Prod' in Product Stewardship," *Waste News*, March 31, 2003.

Margaret Walls, "Motor Vehicles, U.S. Attitudes, and Inaction on Climate Change," *Victoria Economic Commentaries*, September 1996, pp 30-40.

Winston Harrington, Margaret Walls, and Virginia McConnell, "Using Economic Incentives to Reduce Auto Pollution," *Issues in Science and Technology*, Winter 1994-95; reprinted in *ChemTech*, May 1995.

Margaret Walls, "Motor Vehicles and Pollution in Central and Eastern Europe," *Resources*, Fall 1993, No. 113 (Resources for the Future: Washington, DC)

Margaret Walls and Robert P. Anex, Review of *War on Waste: Can America Win Its Battle With Garbage?* in *Environmental History Review*, Winter 1993.

Margaret Walls and Barbra L. Marcus, "Should Congress Allow States to Restrict Waste Imports?" *Resources*, Winter 1993, No. 110 (Resources for the Future: Washington, DC).

Molly Macauley and Margaret Walls, "Government Interventions to Reduce Solid Waste: The Cost-Effectiveness of Alternative Policies," *Science and Technology Research Priorities for Waste Management in California*, Prepared for the California Integrated Waste Management Board by the California Council on Science and Technology, November 1992.

Alan J. Krupnick and Margaret Walls, "Cost-effectiveness of Methanol Vehicles," *Resources*, Summer 1990, No. 100 (Resources for the Future: Washington, DC).

WORKING PAPERS

Elizabeth Kopits, Virginia McConnell, and Margaret Walls, "The Trade-Off Between Lot Size and Open Space at the Urban-Rural Fringe," to be presented in a Principal Paper Session at the American Agricultural Economics Association Meetings, Portland, Oregon, July 29, 2007 (to be published in *American Journal of Agricultural Economics*, December 2007).

Margaret Walls and Virginia McConnell, "Incentive-Based Land Use Policies and Water Quality in the Chesapeake Bay," Resources for the Future Discussion Paper 04-20, April 2004. Available at http://www.rff.org/rff/Publications/Discussion_Papers.cfm.

Karen Palmer, Margaret Walls, and Amy Lamson, "A New Example of Incentive-Based Environmental Policy: Packaging Waste Recovery Notes in the U.K.," Working Paper, July 2003.

Winston Harrington, James Sanchirico, and Margaret Walls, "Effects of Climate Change Policies on the U.S. Household Transportation Sector," Resources for the Future Discussion Paper 03-17, March 2003. Available at http://www.rff.org/rff/Publications/Discussion_Papers.cfm.

Margaret Walls, Winston Harrington, and Alan Krupnick, "Population Density, Transit Availability and Vehicle Travel: Results from a Nested Logit Model of Vehicle Ownership and Use," Working Paper, January 2002.

Margaret Walls, "Comments on the Use of Cost-Benefit Analysis and EPR," paper presented at the OECD Seminar on Extended Producer Responsibility: Programme Implementation and Assessment, Paris, December 2001.

OTHER CURRENT RESEARCH

How Land Use and Congestion Affect Telecommuting Behavior, with Elena Safirova and Yi Jiang.

SELECTED PROFESSIONAL ACTIVITIES AND AWARDS

Member, National Research Council, Committee on National Tire Efficiency, 2005-2006. Final report available at <http://www.nas.edu/morenews/20060404.html>.

Member, European Environment Agency High-level Network of Leading Economists, 2004-2006.

Stakeholder, National Electronics Product Stewardship Initiative, 2001-2003 (see www.nepsi.org).

Member, White House Committee on Policy Options for Reducing Greenhouse Gas Emissions from Personal Motor Vehicles, 1994-1995.

Member, advisory panel for U.S. Congress Office of Technology Assessment study on advanced automotive technologies, 1995-1996.

Distinguished economist, Kentucky Economic Association, awarded October 2003.

Member:

- American Economic Association
- Association of Environmental and Resource Economists

PERSONAL

- Date of birth: December 11, 1959
- Married, 3 children
- US citizen