

Reading List 2

1 Taxation, Investment and the Cost of Capital

The effect of taxation on investment by firms and households. Topics in this area include: determinants of investment; the cost of capital; asset prices; taxes on new capital goods; investment tax credits; depreciation deductions; depletion allowances; expensing and flat taxes; financial structure and the choice between debt and equity; dividend behavior; legal form of organization: corporate vs. non-corporate; long and short-lived capital; research and development; intangibles; taxation and owner-occupied housing; tax treatment of natural resources.

Fundamental Reference:

Hassett, Kevin A. and R. Glenn Hubbard (2002), "Tax Policy and Business Investment," in Alan J. Auerbach and Martin Feldstein (eds), *Handbook of Public Economics, Volume 3*, Amsterdam: North-Holland, pp. 1293-1343.

Literature:

Abel, Andrew B. and Olivier J. Blanchard (1982), "An Intertemporal Model of Saving and Investment," *Econometrica*, 51(3), 675-692.

Auerbach, Alan J. (1987), "The Tax Reform Act of 1986 and the Cost of Capital," *Journal of Economic Perspectives*, 1, 73-86.

Auerbach, Alan J. (2002), "Taxation and Corporate Financial Policy," in Alan J. Auerbach and Martin Feldstein (eds), *Handbook of Public Economics, Volume 3*, Amsterdam: North-Holland, pp. 1293-1343.

Auerbach, Alan J. and Joel Slemrod (1997), "The Economic Effects of the Tax Reform Act of 1986," *Journal of Economic Literature*, 35(June 1997), pp. 589-632.

Berkovec, James and Don Fullerton (1992) "A General Equilibrium Model of Housing, Taxes, and Portfolio Choice," *Journal of Political Economy*, 100(2) pp. 390-429.

Chirinko, Robert S. (1993), "Business Fixed Investment Spending: A Critical Survey of Modeling Strategies, Empirical Results, and Policy Implications," *Journal of Economic Literature*, 31 (December 1993), pp. 1875-1911.

Chirinko, Robert S., Steven M. Fazzari and Andrew P. Meyer (1999), "How Responsive is Business Capital Formation to Its User Cost? An Exploration with Micro Data," *Journal of Public Economics*, 74 (October 1999), pp. 53-80.

- Cooper, Russell and Joao Ejarque (2003), "Financial Frictions and Investment: Requiem in Q*," *Review of Economic Dynamics*, 6(2003), 710-728.
- Cooper, Russell W. and John C. Haltiwanger (2000), "On the Nature of Capital Adjustment Costs," NBER Working Paper 7925, Cambridge: National Bureau of Economic Research, September.
- Dixit, Avinash K. and Robert S. Pindyck (1994), *Investment Under Uncertainty*, Princeton: Princeton University Press.
- Doms, Mark and Timothy Dunne (1994), "Capital Adjustment Patterns in Manufacturing Plants," Discussion Paper CES 94-11, US Bureau of the Census, Washington, August.
- Goolsbee, Austan (1998b), "Investment Subsidies and Wages in Capital Goods Industries: To the Workers Go the Spoils?" NBER Working Paper 6526, Cambridge: National Bureau of Economic Research, April.
- Gordon, Roger H. and Young Lee (1999), "Do Taxes Affect Corporate Debt Policy? Evidence from US Corporate Tax Return Data," Working NBER Paper 7433, Cambridge: National Bureau of Economic Research, December.
- Goulder, Lawrence H. and Lawrence H. Summers (1989), "Tax Policy, Asset Prices and Growth: A General Equilibrium Analysis," *Journal of Public Economics*, 38(3), pp. 265-296.
- Goulder, Lawrence H. and Philippe Thalmann (1993), "Approaches to Efficient Capital Taxation: Leveling the Playing Field vs. Living by the Golden Rule," *Journal of Public Economics*, 50(2), pp. 169-196, February.
- Gravelle, Jane (1994), *Economics Effects of Taxing Capital Income*, Cambridge: MIT Press.
- Hall, Robert E. and Dale W. Jorgenson (1967), "Tax Policy and Investment Behavior," *American Economic Review*, 57, 391-414.
- Hamermesh, Daniel S. and Gerard A. Pfann (1996), "Adjustment Costs in Factor Demand," *Journal of Economic Literature*, 36(September 1996), pp. 1264-1292.
- Hayashi, Fumio (1982), "Tobin's Marginal q and Average q: A Neoclassical Interpretation," *Econometrica*, 50(1), pp. 213-224.
- Heaps, Terry and John F. Helliwell (1985), "The Taxation of Natural Resources," in Alan J. Auerbach and Martin Feldstein (eds), *Handbook of Public Economics, Volume 1*, Amsterdam: North-Holland, pp. 375-420.
- Hubbard, R. Glenn (1998), "Capital-Market Imperfections and Investment," *Journal of Economic Literature*, 36, pp. 193-225, March.
- Jorgenson, Dale W. and Kun-Young Yun (1991), *Tax Reform and the Cost of Capital*, Oxford: Oxford University Press.

Pindyck, Robert S. (1991), "Irreversibility, Uncertainty, and Investment," *Journal of Economic Literature*, 29, 1110-1148.

Rosen, Harvey S. (1985), "Housing Subsidies," in Alan J. Auerbach and Martin Feldstein (eds), *Handbook of Public Economics, Volume 1*, Amsterdam: North-Holland, pp. 375-420.

Summers, Lawrence H. (1981a), "Taxation and Corporate Investment: A q-Theory Approach," *Brookings Papers on Economic Activity*, pp. 67-127.

Summers, Lawrence H. (1981b), "Capital Taxation and Capital Accumulation in a Life Cycle Growth Model," *American Economic Review*, 71, 533-544.

2 Tax Incidence

The incidence of taxes: who bears the burden? Topics include: partial equilibrium analysis; static general equilibrium analysis; intertemporal general equilibrium; tax capitalization and effects on asset prices; fiscal federalism and competition between jurisdictions.

Fundamental Reference:

Kotlikoff, Laurence J. and Lawrence H. Summers (1987), "Tax Incidence" in Alan J. Auerbach and Martin Feldstein (eds), *Handbook of Public Economics, Volume 2*, Amsterdam: North Holland, pp. 1043-1092.

Literature:

Auerbach, Alan J. and Laurence J. Kotlikoff (1987), *Dynamic Fiscal Policy*, Cambridge: Cambridge University Press, Chapter 3.

Ballard, Charles L., Don Fullerton, John B. Shoven and John Whalley (1985), *A General Equilibrium Model for Tax Policy Evaluation*, Chicago: National Bureau of Economic Research.

Congressional Budget Office (1996), "The Incidence of the Corporate Income Tax," CBO Paper, Washington: Congressional Budget Office, March.

Fullerton, Don and Diane Lim Rogers (1993), *Who Bears the Lifetime Tax Burden?* Washington: Brookings Institution.

Goulder, Lawrence H. and Barry Eichengreen (1989), "Savings Promotion, Investment Promotion, and International Competitiveness," in Rob Feenstra (ed.), *Trade Policies for International Competitiveness*, Chicago: University of Chicago Press.

Gresik, Thomas A. (2001), "The Taxing Task of Taxing Transnationals," *Journal of Economic Literature*, 39(September 2001), pp. 800-838.

- Harberger, A.C. (1962), "The Incidence of the Corporation Income Tax," *Journal of Political Economy*, 70, 215-40.
- Hines, James R. (1996), "Tax Policy and the Activities of Multinational Corporations," Working Paper 5589, Cambridge: National Bureau of Economic Research.
- Jones, Ronald W. (1965), "The Structure of Simple General Equilibrium Models," *Journal of Political Economy*, 73(6), 557-572.
- Jorgenson, Dale W. and Peter J. Wilcoxen (1997), "Fundamental U.S. Tax Reform and Energy Markets," *The Energy Journal*, 18(3), pp. 1-30.
- Jorgenson, Dale W., Daniel T. Slesnick and Peter J. Wilcoxen (1992), "Carbon Taxes and Economic Welfare," *Brookings Papers on Economic Activity*, Microeconomics Issue, pp. 393-431.
- Leontief, Wassily W. (1951), *The Structure of the American Economy, 1919-1939*, Second Edition, New York: Oxford University Press.
- Lucas, Robert E., Jr. (1976), "Econometric Policy Evaluation: A Critique," in Karl Brunner and Allan H. Meltzer, eds., *The Phillips Curve and Labor Markets*, Amsterdam: North-Holland, pp. 19-46.
- Mark, Stephen T., Therese J. McGuire and Leslie E. Papke (2000), "The Influence of Taxes on Employment and Population Growth: Evidence from the Washington, D.C., Metropolitan Area," *National Tax Journal*, 53(March 2000), pp. 105-24.
- Oates, Wallace E. (1969), "The Effects of Property Taxes and Local Spending on Property Values: An Empirical Study of Tax Capitalization and the Tiebout Hypothesis," *Journal of Political Economy*, 77, pp. 957-71.
- Oates, Wallace E. (1999), "An Essay on Fiscal Federalism," *Journal of Economic Literature*, 37, pp 1120-1149, September.
- Oates, Wallace E. and Robert M. Schwab (1988), "Economic Competition Among Jurisdictions: Efficiency Enhancing or Distortion Producing?" *Journal of Public Economics*, 35, 333-54.
- Palmon, Oded, and Barton A. Smith (1998), "New Evidence on Property Tax Capitalization," *Journal of Political Economy*, 106, pp. 1099-1111, October.
- Shoven, John B. and John Whalley (1984) "Applied General Equilibrium Models of Taxation and International Trade: An Introduction and Survey," *Journal of Economic Literature*, Vol 22, pp. 1007-1051.

3 Externalities

The control of externalities. Topics include: stock, flow and fund externalities; corrective taxes; the Coase Critique; marketable permits; the effect of uncertainty; hybrid policies; command and control regulation; local vs. national standards; market imperfections; enforcement; non-convexities; measuring environmental benefits: avoidance and mitigation, risk assessment, hedonic pricing, travel costs, contingent valuation; valuing a statistical life or life year; cost-benefit analysis and cost-effectiveness analysis; regulatory reform; regulation and international trade; litigation and citizen suits; the social cost of environmental protection.

Fundamental References:

Baumol, William J. and Wallace E. Oates (1988), *The Theory of Environmental Policy*, New York: Cambridge University Press.

Stavins, Robert N., ed. (2000), *Economics of the Environment: Selected Readings*, New York: W.W. Norton.

Literature:

Many key papers in the literature on environmental economics are reprinted in Stavins (2000). In the list below, papers appearing in it are indicated by [S] at the end of the citation.

Arrow, K.J. and A.C. Fisher (1974), “Environmental Preservation, Uncertainty, and Irreversibility,” *Quarterly Journal of Economics*, Vol. 88, May.

Arrow, Kenneth, et al., “Is There a Role for Benefit-Cost Analysis in Environmental, Health, and Safety Regulation?” *Science*, April 12, 1996. [S]

Barbara, Anthony J., and Virginia D. McConnell (1991), “The Impact of Environmental Regulations on Industry Productivity: Direct and Indirect Effects,” *Journal of Environmental Economics and Management*, 18, 50-66.

Baumol, William J. and David F. Bradford (1972), “Detrimental Externalities and Non-Convexity of the Production Set,” *Economica*, 39, 160-76.

Bovenberg, A. Lans, and Lawrence H. Goulder (2002), “Environmental Taxation and Regulation,” in Alan J. Auerbach and Martin Feldstein (eds), *Handbook of Public Economics, Volume 3*, Amsterdam: North-Holland, pp. 1471-1545.

Bovenberg, A. Lans, and Ruud A. de Mooij, “Environmental Levies and Distortionary Taxation,” *American Economic Review*, September 1994, 1085-1089.

Breyer, Stephen G. (1993), *Breaking the Vicious Circle: Toward Effective Risk Regulation*, Cambridge: Harvard University Press.

Buchanan, James L. (1969), “External Diseconomies, Corrective Taxes, and Market Structure,” *American Economic Review*, 59, 174-77.

- Christiansen, G.B., and R.H. Haveman (1981), "The Contribution of Environmental Regulations to the Slowdown in Productivity Growth," *Journal of Environmental Economics and Management*, 8, 381-390.
- Coase, Ronald H. (1960), "The Problem of Social Cost," *Journal of Law and Economics*, 3, 1-44. [S]
- Conrad, Klaus., and Catherine J. Morrison (1989), "The impact of pollution abatement investment on productivity change: an empirical comparison of the U.S., Germany, and Canada," *Southern Economic Journal*, 55, 684(15).
- Courant, Paul N., and Richard C. Porter (1981), "Averting Expenditure and the Cost of Pollution," *Journal of Environmental Economics and Management*, 8, 321-329.
- Cropper, Maureen L., and Wallace E. Oates (1992), "Environmental Economics: A Survey," *Journal of Economic Literature*, 30, 675-740. [S]
- Demsetz, H. (1964), "The Exchange and Enforcement of Property Rights," *Journal of Law and Economics*, 7, 11-26.
- Diamond, P. and J. Hausman (1994), "Contingent Valuation: Is Some Number Better than No Number?," *Journal of Economic Perspectives*, 8, 45-64. [S]
- Farrell, Joe, "Introduction to the Coase Theorem," *Journal of Economic Perspectives*, 1987, 113-129.
- Freeman, A. Myrick (1985), "Methods for Assessing the Benefits of Environmental Programs," in *Handbook of Natural Resource and Energy Economics*, Ed. by Alan Kneese and James Sweeney, Amsterdam: North-Holland.
- Freeman, A. Myrick (1993), *The Measurement of Environmental and Resource Values*, Washington: Resources for the Future.
- Fullerton, Don, "Environmental Levies and Distortionary Taxation: Comment," *American Economic Review*, March 1997, 245-251.
- Gollop, F.M., and M.J. Roberts (1983), "Environmental Regulations and Productivity Growth: The Case of Fossil-fueled Electric Power Generation," *Journal of Political Economy*, 91, 654-673.
- Goulder, Lawrence H. (2000), "Environmental Policy Making in a Second-Best Setting," *Journal of Applied Economics*, 1(2). [S]
- Hahn, Robert W. (1989), "Economic Prescriptions for Environmental Problems: How the Patient Followed the Doctor's Orders," *Journal of Economic Perspectives*, 3, 95-114. [S]
- Hahn, Robert W. and Gordon L. Hester, "Marketable Permits: Lessons for Theory and Practice," *Ecology Law Quarterly*, 16(1989): 380-391.

- Hanemann, W. Michael (1991), "Willingness to Pay and Willingness to Accept: How Much Can They Differ?," *American Economic Review*, 81, 635-647.
- Hanemann, W. Michael (1991), "Willingness to Pay and Willingness to Accept: How Much Can They Differ?" *American Economic Review*, 81, 635-47.
- Hanemann, W. Michael (1994), "Valuing the Environment through Contingent Valuation," *Journal of Economic Perspectives*, 8, 19-44.
- Hardin, Garrett (1968), "The Tragedy of the Commons," *Science*, 162, 1243-1248, 13 December 1968. [S]
- Harrington, Winston (1988), "Enforcement Leverage When Penalties Are Restricted," *Journal of Public Economics*, 37, 29-53.
- Hazilla, Michael, and Raymond Kopp (1990), "Social Cost of Environmental Quality Regulations: A General Equilibrium Analysis," *Journal of Political Economy*, 98, 853-872.
- Jaffe, Adam B., Richard G. Newell and Robert N. Stavins (1999), "Energy-Efficient Technologies and Climate Change Policies: Issues and Evidence," Kennedy School of Government Working Paper, Cambridge: Harvard University, December. [ssrn]
- Jaffe, Adam B., Steven R. Peterson, Paul R. Portney and Robert N. Stavins (1995), "Environmental Regulation and the Competitiveness of U.S. Manufacturing: What Does the Evidence Tell Us?" *Journal of Economic Literature*, 33, pp. 132-163, March. [S]
- Johansson, Per-Olov (1987), *The Economic Theory and Measurement of Environmental Benefits*, Cambridge: Cambridge University Press, Chapter 7.
- Jorgenson, Dale W. and Peter J. Wilcoxen (1990) "Environmental Regulation and U.S. Economic Growth," *The Rand Journal of Economics*, 21(2), pp. 314-340.
- Jorgenson, Dale W. and Peter J. Wilcoxen (1993), "Energy, the Environment and Economic Growth," in Allen V. Kneese and James L. Sweeney (eds.), *Handbook of Natural Resource and Energy Economics*, Vol. 3, Amsterdam: North-Holland.
- Kelman, Steven (1981), "Cost-Benefit Analysis: An Ethical Critique," *AEI Journal on Government and Society Regulation*, pp. 33-40. [S]
- Kelman, Steven J. (1981), *What Price Incentives? Economists and the Environment*, Boston: Auburn House.
- Koo, Anthony Y.C. (1974), "Environmental Repercussions and Trade Theory," *Review of Economics and Statistics*, 56, 235-44.
- Krupnick, Alan J. and Paul R. Portney (1991), "Controlling Urban Air Pollution: A Benefit-Cost Assessment," *Science*, 252, 522-528. [S]

- Lovins, Amory B., Ralph C. Cavanagh, Roger W. Sant, Dennis W. Bakke and Roger F. Naill (1984), *Creating Abundance: America's Least Cost Energy Strategy*, New York: McGraw Hill.
- McConnell, Kenneth E. (1985), "The Economics of Outdoor Recreation," in Allen V. Kneese and James Sweeney (eds.), *Handbook of Natural Resource and Energy Economics*, Amsterdam: North-Holland.
- McGuire, Martin (1982), "Regulation, Factor Rewards, and International Trade," *Journal of Public Economics*, 17, 335-54.
- McKibbin, Warwick J. and Peter J. Wilcoxen (2002), "The Role of Economics in Climate Change Policy," *Journal of Economic Perspectives*, 16(2), pp. 107-129, Spring.
- McKibbin, Warwick J. and Peter J. Wilcoxen (2003), "The Effects of a Proposed Free Trade Agreement of the Americas," mimeo.
- Merrifield, John D. (1988), "The Impact of Selected Abatement Strategies on Transnational Pollution, the Terms of Trade, and Factor Rewards: A General Equilibrium Approach," *Journal of Environmental Economics and Management*, 15, 259-84.
- Montgomery, W. David (1972), "Markets in Licenses and Efficient Pollution Control Programs," *Journal of Economic Theory*, 5, 395-418.
- Morgenstern, Richard, and Stuart Sessions (1988), "EPA's Unfinished Business," *Environment*, 30, 15-39.
- Olson, M. Jr., and R. Zeckhauser, "The Efficient Production of External Economies," *American Economic Review*, 60, 512-17.
- Peltzman, Sam and T. Nicholaus Tideman (1972), "Local versus National Pollution Control: Note," *American Economic Review*, 62, 959-63.
- Perl, L.J. and F.C. Dunbar (1982), "Cost Effectiveness and Cost-Benefit Analysis of Air Quality Regulations," *American Economic Review*, 72, 208-13.
- Pollak, Robert A. (1995), "Regulating Risks," *Journal of Economic Literature*, 33(March 1995), pp. 179-191.
- Porter, Michael E., and Claas van der Linde (1995), "Toward a New Conception of the Environment-Competitiveness Relationship," *Journal of Economic Perspectives*, 9(4), pp. 97-118. [S]
- Portney, Paul R. and Robert N. Stavins, eds. (1990), *Public Policies for Environmental Protection*, Washington, DC: Resources for the Future.
- Roberts, Marc J., and A. Michael Spence (1976), "Effluent Charges and Licenses under Uncertainty," *Journal of Public Economics*, 5, 193-208.
- Russell, Clifford S. (1990), "Monitoring and Enforcement," Chapter 7 in Portney and Stavins.

Russell, Clifford S., Winston Harrington and William J. Vaughan (1986), *Enforcing Pollution Control Laws*, Washington: Resources for the Future.

Schelling, Thomas C. (1992), "Some Economics of Global Warming," *American Economic Review*. [S]

Smith, V. Kerry (1983), "Option Value: A Conceptual Overview," *Southern Economic Journal*, 49:654-8.

Smith, V. Kerry (1990), "Can We Measure the Economic Value of Environmental Amenities?", *Southern Economic Journal*, 56(4): 865-78.

Smith, V. Kerry (1990), "Valuing Amenity Resources Under Uncertainty: A Skeptical View of Recent Resolution," *Journal of Environmental Economics and Management*, 19(2): 192-102.

Starrett, David (1972), "Fundamental Non-convexities in the Theory of Externalities," *Journal of Economic Theory*, 180-199.

Stavins, Robert N. (1998), "What Can We Learn from the Grand Policy Experiment? Lessons from SO₂ Allowance Trading," *Journal of Economic Perspectives*, 12(3), 68-99. [S]

Stavins, Robert N. (2002), "Lessons from the American Experiment with Market-Based Environmental Policies," Kennedy School of Government Working Paper No. RWP01-032. [ssrn]

Tietenberg, T.H. (1985), *Emissions Trading: An Exercise in Reforming Pollution Policy*, Washington: Resources for the Future.

Tuladhar, Sugandha D. and Peter J. Wilcoxen (1999), "An Econometric Look at the Double Dividend Hypothesis," *National Tax Association Proceedings* 1998, pp. 57-62.

Viscusi, W. Kip (1993), "The Value of Risks to Life and Health," *Journal of Economic Literature*, pp. 1912-1946.

Viscusi, W. Kip (1996), "Regulating the Regulators," *University of Chicago Law Review*, 63, 1423-1461. [S]

Viscusi, W. Kip and Joseph E. Aldy (2003), "The Value of a Statistical Life: A Critical Review of Market Estimates Throughout the World," *Journal of Risk and Uncertainty*, 27(1), 5-76.

Weitzman, Martin L. (1974), "Prices vs. Quantities," *Review of Economic Studies*, 41, 477-91.