Master Bibliography: ECON 260A Natural Resource Economics

Professors: Christopher Costello and Andrew Plantinga

Fall 2018

References

Acemoglu, D. and S. Johnson (2003). Unbundling institutions. *Journal of Political Economy 113*(5), 949–995.

Anderson, S. T., R. Kellogg, and S. W. Salant (2014). Hotelling under pressure. Technical report, National Bureau of Economic Research.

Arrow, K. J. and A. C. Fisher (1974). Environmental preservation, uncertainty, and irreversibility. *The Quarterly Journal of Economics*, 312–319.

Bakkensen, L. A. and L. Barrage (2017). Flood risk belief heterogeneity and coastal home price dynamics: Going under water? Technical report, National Bureau of Economic Research No. w23854.

Berck, P. (1981). Optimal management of renewable resources with growing demand and stock externalities. *Journal of environmental economics and management 8*(2), 105–117.

Berck, P. and W. R. Bentley (1997). Hotelling's theory, enhancement, and the taking of the redwood national park. *American Journal of Agricultural Economics 79*(2), 287–298.

Berck, P. and M. Roberts (1996). Natural resource prices: will they ever turn up? *Journal of Environmental Economics and Management 31*(1), 65–78.

Bohn, H. and R. T. Deacon (2000). Ownership risk, investment, and the use of natural resources. *American Economic Review*, 526–549.

Brazee, R. and R. Mendelsohn (1988). Timber harvesting with fluctuating prices. *Forest science 34*(2), 359–372.

Burke, M. and K. Emerick (2016). Adaptation to climate change: Evidence from us agriculture. *American Economic Journal: Economic Policy 8*(3), 106–140.

Caputo, M. R. (2005). *Foundations of dynamic economic analysis: optimal control theory and applications*. Cambridge University Press.

Conrad, J. M. and C. W. Clark (1987). *Natural resource economics: notes and problems*. Cambridge University Press.

Conrad, J. M. and K. Kotani (2005). When to drill? trigger prices for the arctic national wildlife refuge. *Resource and Energy Economics 27*(4), 273–286.

Costello, C., S. D. Gaines, and J. Lynham (2008). Can catch shares prevent fisheries collapse? *Science 321*(5896), 1678–1681.

Costello, C., N. Quérou, and A. Tomini (2015). Partial enclosure of the commons. *Journal of Public Economics 121*, 69–78.

Fischer, C. and G. Heutel (2013). Environmental macroeconomics: Environmental policy, business cycles, and directed technical change. *Annu. Rev. Resour. Econ. 5*(1), 197–210.

Gaudet, G., M. Moreaux, and C. Withagen (2006). The alberta dilemma: Optimal sharing of a water resource by an agricultural and an oil sector. *Journal of Environmental Economics and Management 52*(2), 548–566.

Gisser, M. and D. A. Sanchez (1980). Competition versus optimal control in groundwater pumping. *Water Resources Research 16*(4), 638–642.

Grafton, R. Q., T. Kompas, and N. Van Long (2012). Substitution between biofuels and fossil fuels: Is there a green paradox? *Journal of Environmental Economics and Management 64*(3), 328–341.

Grafton, R. Q., D. Squires, and K. J. Fox (2000). Private property and economic efficiency: A study of a common-pool resource*. *The Journal of Law and Economics 43*(2), 679–714.

Grainger, C. A. and C. J. Costello (2014). Capitalizing property rights insecurity in natural resource assets. *Journal of Environmental Economics and Management 67*(2), 224–240.

Guo, C. and C. Costello (2013). The value of adaption: Climate change and timberland management. *Journal of Environmental Economics and Management 65*(3), 452–468.

Hartwick, J. M. (1977). Intergenerational equity and the investing of rents from exhaustible resources. *The american economic review*, 972–974.

Heal, G. (1976). The relationship between price and extraction cost for a resource with a backstop technology. *The Bell Journal of Economics*, 371–378.

Heintzelman, M. D., S. W. Salant, and S. Schott (2009). Putting free-riding to work: a partnership solution to the common-property problem. *Journal of Environmental Economics and Management 57*(3), 309–320.

Hoel, M. and L. Karp (2002). Taxes versus quotas for a stock pollutant. *Resource and Energy Economics 24*(4), 367–384.

Homans, F. R. and J. E. Wilen (1997). A model of regulated open access resource use. *Journal of environmental economics and management 32*(1), 1–21.

Huang, L. and M. Smith (2014). The dynamic efficiency costs of common-pool resource exploitation. *American Economic Review 104*, 4071–4103.

Johnson, R. N. and G. D. Libecap (1982). Contracting problems and regulation: the case of the fishery. *The American Economic Review*, 1005–1022.

Kamien, M. I. and N. Schwartz (1991). Dynamic optimisation. *The calculus of variations and optimal control in economics and management (second edition) North Holland, New York*.

Kelly, D. L. and C. D. Kolstad (1999). Bayesian learning, growth, and pollution. *Journal of economic dynamics and control 23*(4), 491–518.

Kremer, M. and C. Morcom (2000). Elephants. *American Economic Review*, 212–234.

Lemoine, D. and C. Traeger (2014). Watch your step: optimal policy in a tipping climate. *American Economic Journal: Economic Policy 6*(1), 137–66.

Levhari, D. and L. J. Mirman (1980). The great fish war: an example using a dynamic cournot-nash solution. *The Bell Journal of Economics*, 322–334.

Lewis, D. J. and A. J. Plantinga (2007). Policies for habitat fragmentation: combining econometrics with gis-based landscape simulations. *Land Economics 83*(2), 109–127.

Libecap, G. D. and S. N. Wiggins (1985). The influence of private contractual failure on regulation: the case of oil field unitization. *The Journal of Political Economy*, 690–714.

Lin, C.-Y. C. and G. Wagner (2007). Steady-state growth in a hotelling model of resource extraction. *Journal of Environmental Economics and Management 54*(1), 68–83.

Mason, C. F. and A. J. Plantinga (2013). The additionality problem with offsets: Optimal contracts for carbon sequestration in forests. *Journal of Environmental Economics and Management 66*(1), 1–14.

McGough, B., A. J. Plantinga, and C. Costello (2009). Optimally managing a stochastic renewable resource under general economic conditions. *The BE Journal of Economic Analysis & Policy 9*(1).

McGough, B., A. J. Plantinga, and B. Provencher (2004). The dynamic behavior of efficient timber prices. *Land Economics 80*(1), 95–108.

Nalle, D. J., C. A. Montgomery, J. L. Arthur, S. Polasky, and N. H. Schumaker (2004). Modeling joint production of wildlife and timber. *Journal of Environmental Economics and Management 48*(3), 997–1017.

Pindyck, R. S. (1978). The optimal exploration and production of nonrenewable resources. *The Journal of Political Economy*, 841–861.

Pindyck, R. S. (1984). Uncertainty in the theory of renewable resource markets. *The Review of Economic Studies 51*(2), 289–303.

Polasky, S., C. Costello, and C. McAusland (2004). On trade, land-use, and biodiversity. *Journal of Environmental Economics and Management 48*(2), 911–925.

Polasky, S., E. Nelson, J. Camm, B. Csuti, P. Fackler, E. Lonsdorf, C. Montgomery, D. White, J. Arthur, B. Garber-Yonts, et al. (2008). Where to put things? spatial land management to sustain biodiversity and economic returns. *Biological conservation 141*(6), 1505–1524.

Provencher, B. (1995). Structural estimation of the stochastic dynamic decision problems of resource users: an application to the timber harvest decision. *Journal of Environmental Economics and Management 29*(3), 321–338.

Reed, W. J. (1984). The effects of the risk of fire on the optimal rotation of a forest. *Journal of environmental economics and management 11*(2), 180–190.

Sanchirico, J. N. and J. E. Wilen (2005). Optimal spatial management of renewable resources: matching policy scope to ecosystem scale. *Journal of Environmental Economics and Management 50*(1), 23–46.

Severen, C., C. Costello, and O. Deschenes (2016). A forward looking ricardian approach: Do land markets capitalize climate change forecasts? Technical report, National Bureau of Economic Research.

Sims, C., D. Aadland, and D. Finnoff (2010). A dynamic bioeconomic analysis of mountain pine beetle epidemics. *Journal of Economic Dynamics and Control 34*(12), 2407–2419.

Smith, M. D. (2005). State dependence and heterogeneity in fishing location choice. *Journal of Environmental Economics and Management 50*(2), 319–340.

Smith, M. D. and J. E. Wilen (2003). Economic impacts of marine reserves: the importance of spatial behavior. *Journal of Environmental Economics and Management 46*(2), 183–206.

Sohngen, B. and R. Mendelsohn (1998). Valuing the impact of large-scale ecological change in a market: The effect of climate change on us timber. *American Economic Review*, 686–710.

Strang, W. J. (1983). On the optimal forest harvesting decision. *Economic Inquiry 21*(4), 576–583.

Swallow, S. K. and D. N. Wear (1993). Spatial interactions in multiple-use forestry and substitution and wealth effects for the single stand. *Journal of Environmental Economics and Management 25*(2), 103–120.

Taylor, M. S. (2011). Buffalo hunt: International trade and the virtual extinction of the North American bison. *American Economic Review 101*, 3162–3195.

Traeger, C. P. (2014). On option values in environmental and resource economics. *Resource and Energy Economics 37*, 242–252.

Weitzman, M. L. (2001). Gamma discounting. *American Economic Review*, 260–271.

Weitzman, M. L. (2002). Landing fees vs harvest quotas with uncertain fish stocks. *Journal of environmental economics and management 43*(2), 325–338.