

Anticipated Learning and Stock Pollution

The lecture discusses the effect of anticipated learning on optimal policies. I first review results obtained by Epstein and extended by Gollier et al. for a one period model. I then present the infinite horizon global warming model in Karp and Zhang, and discuss the relation between the model and results in that paper and in papers by Kolstad, Kelly and Kolstad, Ulph and Ulph, and Leach.

URLs for papers discussed in lecture

Gollier et. All, J Public Economics 2000

http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V76-3Y6Y746-4-8D&_cdi=5834&_orig=search&_coverDate=02%2F29%2F2000&_sk=999249997&_view=c&_wchp=dGLbVlb-zSkWz&_acct=C000000152&_version=1&_userid=4420&_md5=ce79d63f1ce91a493024e81a1572ee63&_ie=f.pdf

Karp and Zhang 2003 (unpublished)

http://are.berkeley.edu/%7Ekarp/anticip_learning.pdf

Kolstad JEEM 1996

http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6WJ6-45MGWT9-N-1&_cdi=6870&_orig=search&_coverDate=07%2F31%2F1996&_sk=999689998&_view=c&_wchp=dGLbVlb-zSkzS&_acct=C000000152&_version=1&_userid=4420&_md5=01dbb175a0ffe05c1e8368d48d25d81a&_ie=f.pdf

Kolstad and Kelly, JEDC 1999

http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V85-3VF9C8K-1-1&_cdi=5861&_orig=search&_coverDate=02%2F24%2F1999&_sk=999769995&_view=c&_wchp=dGLbVzb-zSkWA&_acct=C000000152&_version=1&_userid=4420&_md5=afbc6df6320d9e29052980bb93967aea&_ie=f.pdf

Ulph and Ulph, Economic Journal 1997

http://www.jstor.org/view/00130133/di983546/98p0330w/0?config=jstor&frame=noframe&_userID=8020fb72@berkeley.edu/01cc99333c005013abf4d&_dpi=3

Leach, 2004 (unpublished)

<http://www.hec.ca/pages/andrew.leach/learn.pdf>