

Bill Provencher
Professor

Department of Agricultural and Applied Economics
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Education:

Ph.D., Agricultural Economics, University of California, Davis, 1991. Dissertation: A quantitative analysis of private property rights in groundwater.

M.S., Environmental Studies, School of Forestry and Environmental Studies, Duke University, 1985. Thesis: The effect of the price of nontimber forestland output on timber supply from nonindustrial private forests.

B.S., Natural Resources, Cornell University, 1981.

Research Interests

My research is focused on environmental and resource economics, with emphasis on the dynamics of resource use, the value of ecosystem goods and services, the management of freshwater resources, and land use policies to protect the environment. Specific examples of my recent projects include the following: Heterogeneous preferences and the value of ecosystem goods and services. Lake management and shoreline development policies. Dynamics of resource-related decisions. Measurement of the value of spatially-variable ecosystem goods and services.

Publications (please contact Dr. Provencher for an updated list)

Refereed Journal Articles (2001-2006)

Carpenter, S.R., B.J. Benson, R. Biggs, J.W. Chipman, J.A. Foley, S.A. Golding, R.B. Hammer, P.C. Hanson, P.T.J. Johnson, A.M. Kamarainen, T.K. Kratz, R.C. Lathrop, K.D. McMahon, B. Provencher, J.A. Rusak, C.T. Solomon, E.H. Stanley, M.G. Turner, M.J. Vander Zanden, C.-H. Wu and H. Yuan. 2007. "Understanding regional change: Comparison of two lake districts." *BioScience*: in press.

MacPherson, Alex, Rebecca Moore and Bill Provencher. "A dynamic principal-agent model of human-mediated aquatic species invasions", *Agricultural and Resource Economics Review*, 2006.

Provencher, Bill, and Rebecca Moore. "A discussion of 'using angler characteristics and attitudinal data to identify environmental preference classes: a latent-class model'", *Environmental and Resource Economics*, 8 pg., (2006).

Baerenklau, Kenneth A. and Bill Provencher. "Static modeling of dynamic recreation behavior: implications for prediction and welfare estimation", *Journal of Environmental Economics and Management*, 50(3): 617-636 (2005).

Provencher, Bill, and Richard C. Bishop. "Does accounting for preference heterogeneity improve the forecasting of a random utility model? A case study", *Journal of Environmental Economics and Management* 48(1):793-810 (2004).

McGough, Bruce, Andrew Plantinga and Bill Provencher. 2004. "the dynamic behavior of efficient timber prices", *Land Economics* 80(1): 95-108 (2004).

Provencher, Bill, Ken Baerenklau, and Richard C. Bishop. 2002. "A finite-mixture logit model of salmon angling with serially-correlated random utility. *American Journal of Agricultural Economics* 84: 1066-1075 (November 2002).

Swait, Joffre, Wiktor Adamowicz, Michael Hanemann, Bill Provencher, Adele Diederich, Jon Krosnick, David Layton, David Schkade, and Roger Tourangeau. "context dependence and aggregation in disaggregate choice analysis". *Marketing Letters* 13, 195-205 (2002).

Spalatro, Fiorenza, and Bill Provencher. "An analysis of minimum frontage zoning to preserve lakefront amenities". *Land Economics* 77:1-14 (2001).

Department Staff Papers/Working papers (2004-2006)

Lewis, D.J. and B.Provencher "The implications of heterogeneous preferences for environmental zoning." Working Paper (2007). PDF Version

Provencher, B., HI Sarakinos, and T. Meyer. "Does small dam removal affect local property values? an empirical analysis". Working paper (2006). PDF Version.

Papenfus, Michael, and Bill Provencher. "A hedonic analysis of environmental zoning". Working Paper (2006). PDF Version

Provencher, B., and K. A. Baerenklau. "Estimation of discrete dynamic decision processes", Working paper (2004). PDF Version