

BIODATA

Edward C. Waters
11655 SW Belmont Terrace
Beaverton OR 97008-6331 USA
Tel: 503-804-8857
email: edwaters@hotmail.com

EDUCATION

Ph.D. 1994, Oregon State University (O.S.U.), Corvallis, Oregon, 97331
Major: Agricultural and Resource Economics.
Dissertation topic: General equilibrium modeling of regional economies.

BS 1978, Michigan State University, East Lansing, Michigan, 48824
Major: Fisheries and Wildlife Management (with high honors).

FOREIGN LANGUAGE SKILLS

Thai, Nepali, Hindi, Khmer (working knowledge).

EMPLOYMENT EXPERIENCE

(May 2002 – May 2005) Economics Staff Officer. Pacific Fishery Management Council, Portland, OR.
Staff officer responsible for economic analysis of issues affecting West Coast fisheries and coastal communities.

(Sept 1996 – April 2002) Economist. Legislative Revenue Office, State Capitol, Salem, OR.
Legislative staff responsible for analysis of tax bills and revenue issues.

(Nov 1994 – Present) Self-employed Consultant. Courtesy Faculty, Oregon State University.
Professional analysis of regional tax and resource management issues.

(June 1989 – Nov 1994) Graduate Student / Research Fellow. Oregon State University.
Research Areas: Rural development, economic modeling and policy analysis.

(Sept 1985 – Jan 1989) Project Manager. CARE-International, Bangkok, Thailand.
I was responsible for the implementation and evaluation of rural development activities in northeastern Thailand. The project provided training and extension in crop cultivation, irrigation, aquaculture, and produce marketing.

(Nov 1983 – Sept 1985) Project Manager. CARE-International, Bangkok, Thailand.
I was responsible for the planning and implementation of agricultural development projects in northern Thailand. Activities included the demonstration and extension of agroforestry practices.

(May 1981 – Oct 1983) Distribution Officer. CARE-International, Bangkok, Thailand.
I was responsible for planning and supervising the distribution of subsistence commodities to Khmer refugee camps.

(Sept 1978 – Nov 1980) Peace Corps Volunteer. U.S. Peace Corps, Katmandu, Nepal.
I served two years as volunteer extension officer, demonstrating and extending aquaculture methods to farmers in the Nepali Tarai.

CONSULTING

- (Dec 2005 – present) Contractor, Pacific Fisheries Management Council, Portland OR
I prepared economic analyses for the Council's 2007-2008 groundfish EIS, and data reports for the Council's Trawl Individual Quota Committee process.
- (Dec 2005 – June 2006) Contractor, Northern Economics Inc., Anchorage AK
I worked as part of a consultant team to prepare analytical approaches and annotated EIS outline drafts for Phase 1 of the Pacific Council's Trawl Individual Quota Project.
- (Nov 2005 – present) Contractor, Oregon Legislative Revenue Office, Salem OR
I upgraded, updated and recalibrated the Oregon Legislature's dynamic revenue estimator, the Oregon Tax Incidence Model (OTIM), and provided training for Legislative staff.
- (August – Nov 2005) Contractor, Pacific Fisheries Management Council, Portland OR
I developed data and presentations showing historical commercial and recreational groundfish harvest on the West Coast for the Pacific Council's Allocation Committee.
- (July 2005 – present) Contractor, Pacific States Marine Fisheries Commission, Portland OR
In cooperation with the National Marine Fisheries Service, Southwest Regional Science Center, I developed models and analysis of the regional economic impact of recreational salmon and steelhead fishing in California.
- (July 1999 – March 2000) Contractor, The Research Group, Corvallis, OR
I helped develop analysis of the regional economic impact of various salmon recovery policies in the Columbia Basin for the U.S Army Corps of Engineer's John Day Dam Drawdown Study.
- (July 1996 – May 1998) Contractor, Oregon State University, SEAGRANT Program.
I developed economic analysis of the impact on Oregon coastal communities of instituting groundfish fishery recovery policies.
- (July 1996 – July 1998) Contractor, Oregon State University, Corvallis OR
I developed a current economic base analysis of the role of resource-based industries in the Oregon economy.
- (July 1996 – Sept 1998) Contractor, Western Rural Development Center, Corvallis OR
I developed an economic base analysis of the role of resource-based industries in the Washington economy.
- (July 1996 – Sept 1996) Contractor, U.S. Forest Service, Portland, OR.
I developed an economic base analysis of forest products industries in Oregon.
- (Nov 1994 – Apr 1995) Contractor, Washington State University, Pullman WA 99164-6210.
Over a six-month period I developed an economic analysis of the impact on Eastern Oregon of instituting salmon recovery policies.
- (Sept 1994 – Oct 1994) Contractor, O.S.U. Extension Service, Corvallis, OR 97331-3601.
Over a four-week period I developed analysis for an extension publication describing the economic impact a 1994 Ballot Measure.
- (Jan 1989 – Feb 1989) Project Design Consultant, CARE-International, Bangkok, Thailand.
Over a six-week period I wrote proposals to expand an ongoing development program over a wider geographic area.
- (February 1988) Project Design Consultant, CARE-International, Colombo, Sri Lanka.
Over a four-week period I designed and documented a program to introduce and extend aquaculture methods to small farmers.

PUBLICATIONS

Seung, C., and E. Waters. 2006. The Role of the Alaska Seafood Industry: A Social Accounting Matrix (SAM) Model Approach to Economic Base Analysis. *Annals of Regional Science* 40(2): 335-50.

Seung, C and E. Waters. 2006. A Review of Regional Economic Models for Fisheries Management in the U.S *Marine Resource Economics* 21(1): 101-24.

Seung, C., and E. Waters. 2005. A Review of Regional Economic Models for Alaska Fisheries. AFSC Processed Report 2005-01, Alaska Fisheries Science Center (January).

Cornelius, J., D. Holland, E. Waters and B. Weber. 2000. Agriculture & the Oregon Economy. Publication SR 1014, O.S.U. Extension Service, Corvallis, OR (March).

Holland, D., E. Waters and B. Weber. 1999. The Role of Natural Resource Industries in Washington's Economic Base: Findings from a Social Accounting Matrix. *Western Wire* Spring 1999: 16-19.

Waters, E., B. Weber and D. Holland. 1999. The Role of Agriculture in Oregon's Economic Base: Findings from a Social Accounting Matrix. *Journal of Agricultural & Resource Economics* 24(1): 266-80.

Waters, E., D. Holland and R. Haynes. 1997. The Economic Impact of Public Resource Supply Constraints in Northeast Oregon. Gen. Tech. Report 398, Portland OR: U.S. Forest Service, Pacific Northwest Research Station.

Waters, E., D. Holland and B. Weber. 1997. The Impact of a Property Tax Limitation on the Oregon Economy: Equity, Efficiency, and Public Policy. *Land Economics* 73(1): 72-89.

Waters, E., D. Holland and B. Weber. 1994. Interregional Effects of Reduced Timber Harvests: The Impact of the Northern Spotted Owl Listing in Rural and Urban Oregon. *Journal of Agricultural & Resource Economics* 19(1): 141-60.

Waters, E., and B. Weber. 1994. Measure 20: The impact of a 2% equal tax on the Oregon economy. Publication EM 8579, O.S.U. Extension Service, Corvallis, OR.