

April 30<sup>th</sup>, 2023

Curriculum Vitae  
ROBERT HALVORSEN

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EDUCATION:

Ph.D., Economics, Harvard University, 1973  
M.P.A., Harvard University, 1968  
M.B.A., Harvard University, 1965  
B.B.A., University of Michigan, 1963

ACADEMIC APPOINTMENTS:

Professor, Department of Economics, University of Washington, September 1984  
– present

Chair, Department of Economics, University of Washington, September 2006 –  
June 2011

Visiting Professor, Faculty of Economics, Thammasat University, Bangkok,  
Thailand, November 1989 - March 1990

Associate Professor, Department of Economics, University of Washington,  
September 1978 - August 1984

Assistant Professor, Department of Economics, University of Washington,  
September 1973 - August 1978

Acting Assistant Professor, Department of Economics, University of Washington,  
September 1972 - August 1973

OTHER PROFESSIONAL APPOINTMENTS:

Member, Peer Review Committee, Fulbright Senior Specialists Program, Council  
for International Exchange of Scholars, 2001 - 2004

Member, Southeast Asia Committee, Fulbright Scholar Program, Council for  
International Exchange of Scholars, 1997

Member, Editorial Council, *Journal of Environmental Economics and  
Management*, 1994 - 1995

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Member, Discipline Committee in Economics, Fulbright Scholar Program, Council for International Exchange of Scholars, 1993 - 1996

Associate Editor, *Review of Economics and Statistics*, 1987 - 1992

Member, Socioeconomics Review Panel, U.S. Environmental Protection Agency, 1991, 1992

Invited Professor, Department of Economics, University of Geneva, Switzerland, April - May 1990

Fulbright Senior Scholar, Bangkok, Thailand, November 1989-March 1990

United States Information Agency Lecturer: Yemen, May 1990; Kenya and Malawi, February-March 1983; Nigeria, June 1983

Full-time Consultant, United Nations Industrial Development Organization, Vienna, Austria, June 1981 - August 1981

Associate Program Director for Economics, National Science Foundation, August 1979 - August 1980

Research Associate, National Bureau of Economic Research, September 1975 - February 1977

Full-time Consultant, Federal Energy Administration, June 1974 - August 1974 and June 1975 - August 1975

Economist, Ministry of Finance, Government of the Republic of Zambia, August 1965 - July 1967

#### RESEARCH FIELDS:

Environmental Economics  
Economics of Natural Resources  
Benefit-Cost Analysis

#### TEACHING EXPERIENCE:

Environmental Economics, Graduate and Undergraduate  
Economics of Natural Resources, Graduate and Undergraduate  
Public Finance, Graduate and Undergraduate  
Benefit-Cost Analysis, Graduate and Undergraduate  
Microeconomics of Policy Analysis, Undergraduate  
Microeconomic Theory, Undergraduate  
Public Choice, Undergraduate

REFEREE FOR:

Academic Press, American Economic Review, American Journal of Agricultural Economics, Bell Journal of Economics, Canadian Journal of Agricultural Economics, Ecological Economics, Economic Inquiry, Economic Journal, Empirical Economics, Energy Policy, Growth and Change, Illahee, Inter-American Development Bank, International Economic Review, International Journal of Energy Systems, Journal of the American Statistical Association, Journal of Business and Economics Statistics, Journal of Comparative Economics, Journal of Econometrics, Journal of Economic Literature, Journal of Economics and Business, Journal of Energy, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Housing Economics, Journal of Industrial Economics, Journal of Political Economy, Journal of Public Economics, Kluwer Academic Publishers, Land Economics, Managerial and Decision Economics, M.I.T. Press, National Science Foundation, Natural Resource Modeling, Nordic Tax Journal, Northwest Environmental Journal, Oxford University Press, Research in Law and Economics, Resource and Energy Economics, Resources and Energy, Resource and Energy Economics, Resources for the Future, Review of Economics and Statistics, Review of Economic Studies, Social Science and Humanities Research Council of Canada, Social Science Quarterly, Southern Economic Journal, South-Western Publishing Company, University of Washington Royalty Research Fund, Water Resources Research, West Educational Publishing, World Bank

BOOKS AND ARTICLES:

“Research Review: The Economics of Nonrenewable Resources,” in Robert Halvorsen, editor, *The Economics of Nonrenewable Resources*, (Cheltenham, U.K.: Edward Elgar Publishing, 2018)

*The Economics of Nonrenewable Resources*, editor (Cheltenham, U.K.: Edward Elgar Publishing, 2018)

*Handbook on the Economics of Natural Resources*, co-editor with David F. Layton (Cheltenham, U.K.: Edward Elgar Publishing, 2015)

“What Does the Empirical Work Inspired by Solow’s ‘The Economics of Resources or the Resources of Economics’ Tell Us?”, *Journal of Natural Resources Policy Research*, January 2009. Reprinted in Chennat Gopalakrishnan, *Classic Papers in Natural Resource Economics Revisited (Abingdon, England: Routledge, 2016)*

“The Marginal Willingness to Pay for Longevity: A Better Way to Value Changes in Mortality Hazard,” with Neil Bruce, *Research in Law and Economics*, Volume 23, 2007.

*Explorations in Environmental and Natural Resource Economics: Essays in Honor of Gardner M. Brown, Jr.*, co-editor with David F. Layton (Cheltenham, U.K.: Edward Elgar Publishing, 2006)

"The Structure of Inshore Cooperatives and the Distribution of Net Benefits under the American Fisheries Act," with Fahad Khalil and Jacques Lawarree, *Proceedings of the North American Fishery Economics Forum*, 2003

"Estimation of Market Power in a Nonrenewable Resource Industry," with Gregory M. Ellis, *Journal of Political Economy*, August 2002

"Parametric Tests for Static and Dynamic Equilibrium," with Scott E. Atkinson, *Journal of Econometrics*, July 1998

"Fiscal Incentives for Investment in Thailand," in A. Shah, editor, *Fiscal Incentives for Investment and Innovation* (Oxford: Oxford University Press, 1996)

"Estimating a Non-Minimum Cost Function for Hospitals: Comment," with Scott E. Atkinson, *Southern Economic Journal*, April 1992

"The Effects of Tax Policy on Investment in Agriculture," *Review of Economics and Statistics*, August 1991

"A Test of the Theory of Exhaustible Resources," with Tim R. Smith, *Quarterly Journal of Economics*, February 1991

"Tests of Allocative Efficiency in Regulated Multi-Product Firms," with Scott E. Atkinson, *Resources and Energy*, April 1990

"The Valuation of Risks to Life: Evidence from the Market for Automobiles," with Scott E. Atkinson, *Review of Economics and Statistics*, February 1990. Reprinted in W. Kip Viscusi and Ted Gayer, editors, *Classics in Risk Management* (Cheltenham, U.K.: Edward Elgar Publishing, 2004)

"Econometric Analysis of Industrial Energy Use in Developing Countries," in J. R. Moroney, editor, *Advances in the Economics of Energy and Resources*, Vol. 6 (Greenwich, Conn.: JAI Press, 1987)

"The Relative Efficiency of Public and Private Firms in a Regulated Environment: The Case of US Electric Utilities," with Scott E. Atkinson, *Journal of Public Economics*, April 1986. Reprinted in E.E. Bailey and J. Rothenberg Pack, editors, *The Political Economy of Privatization and Deregulation* (Cheltenham, U.K.: Edward Elgar Publishing, 1995)

"Substitution Possibilities for Unpriced Natural Resources: Restricted Cost Functions for the Canadian Metal Mining Industry," with Tim R. Smith, *Review of Economics and Statistics*, August 1986

"Parametric Efficiency Tests, Economies of Scale, and Input Demand in U.S. Electric Power Generation," with Scott E. Atkinson, *International Economic Review*, October 1984

"On Measuring Natural Resource Scarcity," with Tim R. Smith, *Journal of Political Economy*, October 1984

"A New Hedonic Technique for Estimating Attribute Demand: An Application to the Demand for Automobile Fuel Efficiency," with Scott E. Atkinson, *Review of Economics and Statistics*, August 1984

*Benefit-Cost Analysis of Air Pollution Control*, with Michael Ruby (Lexington, Mass.: Heath, Lexington Books, 1981)

"Choice of Functional Form for Hedonic Price Equations," with Henry Pollakowski, *Journal of Urban Economics*, July 1981. Reprinted in Joseph Herriges and Cathy Kling, editors, *Revealed Preference Approaches to Environmental Valuation: Volume II* (Aldershot, UK: Ashgate Publishing, 2008).

"Automatic Price Adjustment Clauses and Input Choice in Regulated Utilities," with Scott E. Atkinson, *Journal of Business Administration*, Spring 1981. Reprinted in P. Nemetz, editor, *Energy Crisis-Policy Response* (Montreal: The Institute for Research on Public Policy, 1981)

"The Effects of Fuel Prices on House Prices," with Henry Pollakowski, *Urban Studies*, June 1981

"The Interpretation of Dummy Variables in Semilogarithmic Equations," with Raymond Palmquist, *American Economic Review*, June 1980

"A Test of Relative and Absolute Price Efficiency in Regulated Utilities," with Scott E. Atkinson, *Review of Economics and Statistics*, February 1980

"Substitution among Energy, Capital, and Labor Inputs in U.S. Manufacturing," with Jay Ford, in R. S. Pindyck, editor, *Advances in the Economics of Energy and Resources*, Vol. 1 (Greenwich, Conn.: JAI Press, 1979)

"Comparative Responses to the Energy Crisis in Different Economic Systems," with Judith A. Thornton, *Journal of Comparative Economics*, June 1978

*Econometric Models of U. S. Energy Demand* (Lexington, Mass.: Heath, Lexington Books, 1978)

"Energy Substitution in U. S. Manufacturing," *Review of Economics and Statistics*, November 1977

"Interfuel Substitution in Steam Electric Power Generation," with Scott E. Atkinson, *Journal of Political Economy*, October 1976

"Demand for Electric Energy in the United States," *Southern Economic Journal*, April 1976

"Residential Demand for Electric Energy," *Review of Economics and Statistics*, February 1975

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"A Behavioral Model of the Public Finances of the State and Local Sector," with Otto Eckstein, in W. L. Smith and J. M. Culbertson, editors, *Public Finance and Stabilization Policy* (Amsterdam: North-Holland Publishing Company, 1974)

"Residential Electricity: Demand and Supply" in K. Roberts, ed., *Toward an Energy Policy* (San Francisco: Sierra Club, 1973)

*Residential Demand for Electricity* (Cambridge, Mass.: Harvard University Environmental Systems Program, 1972)

#### CONGRESSIONAL TESTIMONY:

"Testimony on the Economic Implications of Seafood Processor Quotas," Committee on Commerce, Science, and Transportation, United States Senate, February 25, 2004

"Testimony on the Economic Analysis of Individual Processor Quotas," presented for the record to the Committee on Commerce, Science, And Transportation, United States Senate, May 20, 2003

"Testimony on Implications of the American Fisheries Act for Bering Sea/Aleutian Islands Crab Rationalization," presented for the record to the Committee on Commerce, Science, And Transportation, United States Senate, May 20, 2003

"Testimony on Guidelines for Individual Fishing Quota Programs," Subcommittee on Fisheries Conservation, Wildlife and Oceans, U.S. House of Representatives, February 15, 2002

#### BOOK REVIEWS:

*Risks, Costs and Lives Saved: Getting Better Results from Regulation*, R.W. Hahn, editor, *Journal of Economic Literature*, December 1997

*Dimensions of Energy Economics*, Noel D. Uri, *Journal of Regional Science*, August 1984

*International Studies of the Demand for Energy*, W. Nordhaus, editor, *Southern Economic Journal*, April 1979