

**Curriculum Vitae**

September 2012

**Per-Olov Johansson**

- Born:** April 3, 1949
- Current Positions:** Professor of economics (emeritus), Stockholm School of Economics, Box 6501, SE-113 83 Stockholm, Sweden
- Guest Professor, Centre for Environmental and Resource Economics (CERE), University of Umeå and Swedish University of Agricultural Sciences
- Previous Positions:** Adjunct Professor (Professor II), Department of Economics, University of Oslo, Box 1095 Blindern, NO-0317 Oslo, Norway
- Professor of natural resource and environmental economics, Dept. of Forest Economics, Swedish University of Agricultural Sciences, SE-901 83 Umeå, Sweden
- Home Address:** Hantverkargatan 79 A 5 tr, SE-112 38 Stockholm
- Telephone:** Home: +46 70 310 35 66
- Education:** B.A. (economics, statistics, sociology), University of Umeå, 1972  
Ph.D. (economics), University of Umeå, 1980
- Primary fields of interest:** Industrial Organization, environmental economics, health economics, welfare economics, public economics, macroeconomics, labor market economics

Honours and Awards

Erik Lindahl Prize, 1984  
Docent, University of Umeå, 1980 -  
Honorary Doctorate, University of Oulu, 1998

Teaching ExperienceAt the Swedish University of Agricultural Science:

Natural resource economics (undergraduate/graduate)

Environmental economics (graduate level)  
 Microeconomics (graduate level)  
 Welfare economics (graduate level)

At the University of Umeå:

Microeconomics (undergraduate/graduate)  
 Macroeconomics (undergraduate)  
 Welfare economics (undergraduate/graduate)

At the Stockholm School of Economics:

Environmental economics (graduate)  
 Macroeconomics, environmental economics, advanced microeconomics (undergraduate)  
 Welfare and public economics (graduate)  
 Health economics (graduate)  
 Industrial Organization (undergraduate)  
 Executive Education

At the University of Madrid:

Public economics (masters)

Autumn Workshop in Environmental Economics (Venice):

Organizer and teacher for the section on empirical methods, 1992

Environmental economics (masters)

Nordic PhD courses in Environmental Economics:

Uppsala, fall 1987 (with T. Fisher and others)

Oslo, spring 1993 (with V.K. Smith and E. Morey)

PhD course in Environmental Economics:

Gothenburg, fall 1998 (with B. Kriström, G. Brown, and others)

Scuola Superiore Enrico Mattei, Milan:

Environmental economics (masters)

Royal Economic Society's Easter School in Economics

Environmental economics (PhD students), Birmingham, 1995

PhD course in Health Economics

Lugano, spring 2004, Geneva 2005, 2006, Oslo 2006, Bern 2007, 2008

University of Umeå

PhD course in modern cost-benefit analysis, 2010

*Other Professional Activities*

Opponent on Lars Heikensten's thesis, Stockholm School of Economics, 1984

Consultant, the World Bank, Washington, D.C., 1985

Member, Graduate Committee (betygsnämnd), Swedish University of Agricultural Sciences (P. Lohmander, 1987)

Member, Graduate Committee (betygsnämnd), University of Uppsala, (B. Lee, 1988)

Member, Rank and Tenure Committee (sakkunnig), professorship in economics, University of Uppsala, 1988

Opponent on Claes Ohlssons thesis, Stockholm School of Economics, 1988

Member, Graduate Committee (betygsnämnd), University of Uppsala (C. Wernerheim, 1988)

Member, Graduate Committee (betygsnämnd), University of Umeå (R. Axelsson, 1989)

Opponent on Ståle Naurud's thesis, NHL, Oslo, 1989

Member, Graduate Committee (betygsnämnd), University of Linköping (M. Johannesson, 1991)

Opponent on Kristin Magnusen's thesis, NLH, Oslo, 1991 and 1992

Member, Rank and Tenure Committee (sakkunnig), professorship in economics, NHL, Oslo, 1991

Member, Rank and Tenure Committee (sakkunnig), professorship in health economics, University of Bergen, 1995

Member, Rank and Tenure Committee (sakkunnig), professorship in economics, University of Uppsala, 1995

Member, Rank and Tenure Committee (sakkunnig), professorship in economics, The Royal University of Agricultural Sciences, Fredriksberg, 1996

Member, Graduate Committee (betygsnämnd), University of Stockholm (Joakim Sonnegård, 1996)

Opponent on Bernt Karman's licentiate thesis, Gothenburg University, 1996

PhD examiner (P.M. Clarke), the Australian National University, 1997

Member, the Research Fund of the Swedish Environmental Protection Agency, 1987-1991

Fellow, London Environmental Economics Centre; London University College and International Institute for Environment and Development, London

Profesor Extraordinario, Instituto de Estudios Fiscales, Madrid, 1990-1992

Extramural evaluator, professorship, University of California at Berkeley, 1991

Consultant, OECD, 1993

Consultant, Asian Development Bank (RCG/Hagler, Bailly, Inc.), 1994

Member, European Science Foundation's Task Force group 1 on Environmental Economics, 1990-1992

Member of the Council, European Association of Environmental and Resource Economists, 1993-1995

Member, Graduate Committee (betygsnämnd), University of Umeå (C-Z Lee, 1994)

Periodic referee for Journal of Health Economics, Pharmaco Economics, European Economic Review, Land Economics, Journal of Public Economics, Scandinavian Journal of Economics, American Journal of Agricultural Economics, IIASA (Vienna)

Guest editor, European Review of Agricultural Economics, special issue on environmental economics

Guest editor, Resource & Energy Economics, special issue on health and the environment, 2006

Board Member, Jacob Wallenbergs stiftelse, 2005-2009

Board Member, the Expert Group on Environmental Studies (appointed by Swedish Minister of Finance), 2009-2011

External Expert, Csil - Centre for Industrial Studies, EU financed project on CBA, 2011-2012

External Expert, European Investment Bank, CBA Manual, 2011-2012.

### *Publications*

#### Books

- 1.1 Disequilibrium macroeconomics in open economies, Basil Blackwell, Oxford, 1984 (with J.T. Cuddington & K.G. Löfgren). Paperback edition 1985. Chinese edition, 1997
- 1.2 The economics of forestry and natural resources, Basil Blackwell, Oxford, 1985 (with K.G. Löfgren)
- 1.3 The economic theory and measurement of environmental benefits, Cambridge University Press, Cambridge, 1987; "hard cover" and "soft cover" editions. 2nd printing 1991, 3rd printing 1994. Japanese edition 1996
- 1.4 Introduction to modern welfare economics. Cambridge University Press, Cambridge, 1991; "hard cover" and "soft cover" editions. 3rd printing 1993. Japanese edition 1995, Italian edition 1996, Korean edition, 1997
- 1.5 Skogsekonomi (forest economics), SNS förlag, Stockholm, 1988 (editor together with L. Hultkrantz and K.G. Löfgren)
- 1.6 Cost-benefit analysis of environmental change. Cambridge University Press, Cambridge, 1993; hard cover and paperback eds. Japanese and Italian editions, forthcoming
- 1.7 Evaluating health risks. An economic approach. Cambridge University Press, Cambridge, 1995; hard cover and paperback eds.

- 1.8 Current issues in environmental economics. Manchester University Press, Manchester
- 1.9 Welfare measurement, sustainability and green national accounting. A growth theoretical approach. Edward Elgar, 1997 (with T. Aronsson and K.G. Löfgren)
- 1.10 Modern cost-benefit analysis of hydropower conflicts. Edward Elgar, 2011 (editor together with B. Kriström)
- 1.11 The economics of evaluating water projects – Hydroelectricity versus other uses. Springer Verlag, 2012 (with B. Kriström)
- 1.12 Evaluating water projects. Cost-benefit analysis versus win-win approach. Springer Verlag, forthcoming (with B. Kriström)

#### Monographs

- 2.1 Metanol som drivmedel - Samhällsekonomiska konsekvenser (A cost-benefit analysis of methanol as a fuel), Liber förlag, Stockholm, 1980
- 2.2 Byggnads- och maskininvesteringar. En översikt över investeringsfonderna 1938-1983 (On the effects of the Swedish investment funds), Byggeforskningsrådet, 1984 (with M. Johansson)
- 2.3 Cost-benefit manual (in Swedish) developed for Swedish Environmental Protection Agency, forthcoming (with a number of co-authors)

#### Articles and notes

- 3.1 Arbetsmarknadsutbildning (Labor market training). Chapter 6 in SOU 1974:29, Liber, Stockholm, 1974 (with G. Dahlström). In Swedish
- 3.2 En utvärdering av etableringen av konfektionsföretaget Algots Nord i Västerbotten (A cost-benefit analysis of a plant relocation). Chapter 10 in SOU 1978:60, Liber, Stockholm, 1978 (with J. Höög and A. Pilebro). In Swedish
- 3.3 Flottning och samhällsekonomi - Fallet Umeälven (A cost-benefit analysis of floating), Skogsfakta No 1 1980 (with K.G. Löfgren). In Swedish
- 3.4 The effects of tariffs and real wages on employment in a Barro-Grossman model of an open economy, Scandinavian Journal of Economics, No 2 1980 (with K.G. Löfgren). Also published in Matthiessen, L. & Ström, S. (eds.): Unemployment - Macro and microeconomic explanations, MacMillan, London, 1981

- 3.5 An outline of a cost-benefit analysis of increased felling in Sweden, *Canadian Journal of Forest Research*, No 3 1981
- 3.6 On regional effects of government policies in a small open economy, *Scandinavian Journal of Economics*, No 4 1981
- 3.7 A note on employment effects of tariffs in a small open economy, *Weltwirtschaftliches Archiv*, No 3 1981 (with K.G. Löfgren)
- 3.8 Cost-benefit rules in general disequilibrium, *Journal of Public Economics*, 1982
- 3.9 On cost-benefit rules in an economy with natural resources, *Environment & Planning C*, No 1 1983
- 3.10 Monopsony, Conjectural equilibria, and the Swedish roundwood market, *Forest Science*, No 3, 1983 (with K.G. Löfgren)
- 3.11 The timber supply function under regulatory constraints, *Canadian Journal of Forest Research*, No 5 1983 (with K.G. Löfgren)
- 3.12 Disequilibrium cost-benefit rules for natural resources, *Resources and Energy*, No 4 1984
- 3.13 Virkesmarknad och ekonomisk teori (Modelling the roundwood market), *Ekonomisk Debatt*, No 5 1984 (with R. Brännlund & K.G. Löfgren). In Swedish
- 3.14 Disequilibrium cutting rules, *Canadian Journal of Forest Research*, No 3 1984
- 3.15 A bargaining approach to the modelling of the Swedish roundwood market, *Land Economics*, No 1 1985 (with K.G. Löfgren)
- 3.16 An econometric analysis of aggregate sawtimber and pulpwood supply in Sweden, *Forest Science*, No 3 1985 (with R. Brännlund & K.G. Löfgren)
- 3.17 Optimal policy rules and regime switching in disequilibrium models, *Journal of Public Economics*, 1985 (with J.T. Cuddington & H. Ohlsson)
- 3.18 Approaches to determining monetary welfare change measures, *Canadian Journal of Forest Economics*, No 1 1985
- 3.19 Låginblandning av etanol i bensin. Samhällsekonomiska konsekvenser (Ethanol as a fuel. A cost-benefit analysis). In *DsI 1986:12, Liber*, Stockholm, 1986. In Swedish

- 3.20 Credit policies in a dual economy: An analytical framework. In Kähkönen, J. & Ylö-Liedenpohja, J. (eds.) A tribute to Arvi Leponiemi on his 60th birthday. Acta Oeconomica Helsingiensis, Helsinki, 1986 (with J. Kähkönen & P. Lundeborg)
- 3.21 Tariff policy and real wage adjustments in a small open economy. In Siven, C.-H. (ed) Unemployment in Europe. Analysis and policy issues. Timbro, Stockholm, 1987 (with K.G. Löfgren)
- 3.22 A bargaining approach to the modelling of the Swedish roundwood market: Reply. Land Economics, No 2, 1987 (with K.G. Löfgren)
- 3.23 Disequilibrium cost-benefit rules: An exposition and extension. In Folmer, H. & van Ierland, E. (eds.) Evaluation methods and policy-making in environmental economics. Elsevier, Amsterdam, 1989 (with K.G. Löfgren)
- 3.24 How is the willingness to pay for moose hunting affected by the stock of moose? An empirical study of moose-hunters in the county of Västerbotten. Journal of Environmental Management, No 2 1988 (with B. Kriström & L. Mattsson)
- 3.25 Valuing public goods in a risky world: An experiment. In Folmer, H. and van Ierland, E. (eds.) Evaluation methods and policy-making in environmental economics. Elsevier, Amsterdam, 1989
- 3.26 Option value: Comment. Land Economics, No 1 1988
- 3.27 Where is the beef? A reply to Price. Journal of Environmental Management, 1988 (with K.G. Löfgren)
- 3.28 Measuring values for improved air quality from discrete response data: Two experiments, Journal of Agricultural Economics, No 3 1988 (with B. Kriström)
- 3.29 Recreational values, Pareto optimality, and timber supply. In Folmer, H. and van Ierland, E. (eds.) Evaluation methods and policy-making in environmental economics (with K.G. Löfgren and K.G. Mäler). Elsevier, Amsterdam, 1989
- 3.30 Cost-benefit rules for job training programs. In Björklund, A. et al. (eds.) Labour market policy and unemployment insurance. Clarendon Press, Oxford, 1991.
- 3.31 Welfare evaluations in contingent valuation experiments with discrete response data: comment, American Journal of Agricultural Economics, 1989 (with B. Kriström and K.G.Mäler)
- 3.32 Willingness to pay measures and expectations: An experiment. Applied Economics, No 3, 1990

- 3.33 Valuing environmental damage. *Oxford Review of Economic Policy*, No 1 1990. Reprinted in Helm, D. (ed.) *Economic policy towards the environment*. Basil Blackwell, Oxford, 1991
- A summary included in Krishnan, R., Harris, J.M. and Goodwin, N.R. (eds) *Frontier issues in economic thought*, Vol. I. Island Press, Covelo, CA, 1995.
- 3.34 Att värdera miljövaror (Valuation of environmental commodities). I Lidgren K. (ed) *Industriell miljöekonomi*. Liber Förlag, Lund, 1993. In Swedish
- 3.35 Svenska folkets miljöbudget (The environmental budget of the Swedish people), *Ekonomisk Debatt*, 1989 (with S. Zavisic).
- 3.36 "Sweden". In Navrud, S. (ed.) *Pricing the European environment*. Oxford University Press, Oxford, 1992 (with B. Kriström)
- 3.37 Multiple use economics. For a book on forest economics in the Nordic countries, forthcoming (with B. Kriström and L. Mattsson)
- 3.38 Economic evaluation of drug therapy. A review article of the contingent valuation method. *Pharmaco Economics*, 1992 (with M. Johannesson and B. Jönsson)
- 3.39 Natural resources damages from Chernobyl. *Environmental and Resource Economics*, 1992 (with M. Hanemann, B. Kriström and L. Mattsson)
- 3.40. Three chapters in Ferreiro Chao, A. (ed) *Evaluacion economica de los costes y beneficios de la mejora ambiental*. Monografias de economica y medio de la mejora ambiental, No. 4. Sevilla, 1992. In Spanish.
- 3.41 Willingness to pay for antihypertensive therapy - Further results. *Journal of Health Economics*, 1993 (with M. Johannesson, B. Kriström and U. Gerdtham)
- 3.42 Altruism in cost-benefit analysis. *Environmental and Resource Economics*, 1993
- 3.43 Willingness to pay for lipid lowering - A health production function approach. *Applied Economics*, 1993 (with M. Johannesson, B. Jönsson, B. Kriström and L. Borgquist)
- 3.44 Valuing changes in health. Theoretical and empirical issues. In Johansson, P.-O., Kriström, B. and Mäler, K.-G. *Current issues in environmental conomics*. Manchester University Press, 1995 (with M. Johannesson, B. Jönsson and T. Söderqvist)
- 3.45 Valuing changes in health: A production function approach. In Pethig, R. (ed.) *Valuing the environment: Methodological and measurement issues*. Klüwer Press, 1994



- 3.46 Valuation and aggregation. In Pethig, R. (ed.) Valuing the environment: Methodological and measurement issues. Kluwer Press, 1994
- 3.47 Altruism and the value of statistical life: Empirical implications. Journal of Health Economics, 1994
- 3.48 Wealth from optimal health. Journal of Health Economics, 1995 (with K.-G. Löfgren)
- 3.49 'Economic efficiency'. In The Social Science Encyclopedia, 2nd ed. Routledge, 1996.
- 3.50 The WTP for health care. In Thoughts about our health care. Spri, Stockholm, 1993 (with M. Johannesson). In Swedish.
- 3.51 On the definition and valuation of rural amenities. In The contribution of amenities to rural development. OECD, Paris, 1994.
- 3.52 Welfare measurement and the health environment. Annals of Operations Research, 1994 (with T. Aronsson and K.-G. Löfgren)
- 3.53 The value of changes in health risks: A review. In Swanson, T. and Vighi, M. (eds) Regulating chemical accumulation. The integration of toxicology and economics in environmental policy-making. Cambridge University Press, 1998 (with M. Johannesson)
- 3.54 Value for money? A contingent valuation study of the optimal size of the Swedish health care budget. Health Policy, 1995 (with I. Eckerlund, M. Johannesson, M. Tambour and N. Zethraeus)
- 3.55 On the interpretation of 'green' NNP measures as cost-benefit rules. Environmental and Resource Economics, 1996 (with K.-G. Löfgren)
- 3.56 On the proper treatment of household defensive expenditures in "Green" NNP measures. In Boman, M., Brännlund, R. and Kriström, B. (eds) Topics in environmental economics, Kluwer Press, 1999 (with T. Aronsson and K.-G. Löfgren)
- 3.57 On the value of changes in life expectancy. Journal of Health Economics, 1996
- 3.58 An economic approach. In Vighi, M. and Funari, E. (eds) Pesticide risk in groundwater. Lewis Publishers, 1995

- 3.59 Att (få) vara eller inte, det är frågan. Om svenskars syn på fördelningen av vårdresurser mellan unga och gamla. (To be, or not to be, that is the question. On Swedes views on the allocation of medical resources between young and old people). I Jonung, L. (ed.) Ekonomisk politisk omvälvning, 1995. In Swedish
- 3.60 Theory of economic valuation of environmental goods and services. In Bergh van den, J.C.J.M. (ed) The Handbook of Environmental and Resource Economics. Edward Elgar Publishers, 1999
- 3.61 Commodity prices as payment vehicles in valuation experiments. Environmental and Resource Economics, 1996
- 3.62 To be, or not to be, that is the question. An empirical study of the WTP for an increased life expectancy at an advanced age. Journal of Risk and Uncertainty, 1996 (with M. Johannesson)
- 3.63 The economics of ageing: On the attitude of the Swedish people to the distribution of health care resources between the young and the old. Health Policy, 1996 (with M. Johannesson)
- 3.64 The value of life extension and the marginal rate of time preference: A pilot study. Applied Economics Letters, 1996 (with M. Johannesson)
- 3.65 The discounting of lives saved in future generations - Some empirical results. Health Economics, 1996 (with M. Johannesson)
- 3.66 The value of private safety versus the value of public safety. Journal of Risk and Uncertainty, 1996 (with M. Johannesson and R. O'Connor). Reprinted in Gayer T. and Viscusi, W.K. (eds) Classics in risk management, Edward Elgar 2004
- 3.67 On the use of market prices to evaluate medical treatments. Journal of Health Economics, 1997
- 3.68 Is the value of a Qaly gained independent of age? Some empirical evidence. Journal of Health Economics, 1997 (with M. Johannesson)
- 3.69 Quality of life and the WTP for an increased life expectancy at an advanced age. Journal of Public Economics, 1997 (with M. Johannesson)

- 3.70 Saving lives in the present versus saving lives in the future - Is there a framing effect. *Journal of Risk and Uncertainty*, 1997 (with M. Johannesson)
- 3.71 An experimental comparison of dichotomous choice contingent valuation questions and real purchase decisions. *Applied Economics*, 1998 (with M. Johannesson and B. Liljas)
- 3.72 Economic efficiency and mixed public/private insurance. *Journal of Public Economics*, 1997 (with Å. Blomqvist)
- 3.73 Rejoinder to T.M. Selden. *Journal of Public Economics*, 1998 (with Å. Blomqvist)
- 3.74 A note on prevention versus cure. *Health Policy*, 1997 (with M. Johannesson)
- 3.75 On the value of changes in life expectancy: Blips versus parametric changes. *Journal of Risk and Uncertainty*, 1997 (with M. Johannesson and K.-G. Löfgren)
- 3.76 Time spent on waiting lists for medical care: An insurance approach. *Journal of Health Economics*, 1998 (with M. Johannesson and T. Söderqvist)
- 3.77 Does the choice of numéraire matter in cost-benefit analysis? *Journal of Public Economics*, 1998
- 3.78 The overall expected quality of life in the Swedish population in relation to age and other socioeconomic factors. *Disease Management and Clinical Outcomes*, 1997 (with M. Johannesson)
- 3.79 Stated preferences, real behaviour and anchoring-Some empirical evidence. *Environmental and Resource Economics*, 1999 (with R. O'Conor and M. Johannesson)
- 3.80 Calibrating hypothetical willingness to pay responses. *Journal of Risk and Uncertainty*, 1999 (with M. Johannesson, G.C. Blomquist, K. Blumenschein, B. Liljas and R.M. O'Conor)
- 3.81 Microeconomics of valuation. In Folmer, H. and Gabel, L. (eds) *Principles of Environmental and Resource Economics*, Edward Elgar, 2000
- 3.82 Contingent valuation or QALYs. In Jeanrenaud, C. and Soguel, N. (eds.) *Valuing the cost of smoking. Assessment methods, risk perception and policy options*. Kluwer, 1999

- 3.83 Properties of actuarially-fair and pay-as-you-go health insurance schemes for the elderly. An OLG model approach. *Journal of Health Economics*, 2000
- 3.84 Investment decisions, future consumption and sustainability under optimal growth. In Kriström, B. and Starrett, D. (eds) *Environmental economics*, Oxford University Press, forthcoming (with T. Aronsson and K.-G. Löfgren)
- 3.85 Is there a meaningful definition of the value of a statistical life? *Journal of Health Economics*, 2001
- 3.86 On the value of estimating the value of a statistical life. *Swiss Journal of Economics and Statistics*, 2001
- 3.87 On optimal R&D policy for a patent race with uncertain duration. In Kriström, B., Dasgupta, P. and Löfgren, K.-G., *Economic theory for the environment. Essays in honor of Karl-Göran Mäler*, Edward Elgar, 2002 (with T. Aronsson and K-G Löfgren)
- 3.88 A note on private vs public health insurance schemes for the elderly: Partial vs general equilibrium effects. *Geneva Papers on Risk and Insurance* 26, 2001
- 3.89 Defining the value of statistical life: Reply. *Journal of Health Economics*, 2002
- 3.90 The Role of Efficiency in Risk Management. In McDaniels, T.L. and Small, M. (eds.) *Risk Analysis and Society: Interdisciplinary Perspectives on the Field*. Cambridge University Press, 2003 (with J. Graham and J. Nakanishi)
- 3.91 The value of a statistical life: Theoretical and empirical evidence. *Applied Health Economics and Health Policy*, 2002
- 3.92 On the definition and age-dependency of the value of a statistical life. *Journal of Risk and Uncertainty*, 2002
- 3.93 Dynamic cost-benefit analysis: The case of salmon in Vindelälven. In Aronsson, T., Axelsson, R. and Brännlund, R. (eds.) *The Theory and Practice of Environmental and Resource Economics. Essays in honor of Karl-Gustaf Löfgren*. Edward Elgar, 2006 (with C. Håkansson and B. Kriström)
- 3.94 Introduction to special issue of *Resource and Energy Economics on Environment and Health*, 2006
- 3.95 On a clear day you might see an environmental Kuznets curve. *Environmental and Resource Economics*, 2007 (with B. Kriström)
- 3.96 On the definition and estimation of the value of a “statistical life”. In M. Florio (ed.) “Cost-benefit analysis and incentives in evaluation”. Edward Elgar, 2007

- 3.97 On the treatment of taxes in cost-benefit analysis. Cuadernos Económicos, 2010
- 3.98 A blueprint for a cost-benefit analysis of a water use conflict. Hydroelectricity versus other uses. In P-O Johansson and B. Kriström (eds) "Modern cost-benefit analysis of hydropower conflicts". Edward Elgar, 2011
- 3.99 A note on cost-benefit analysis, the marginal cost of public funds, and the marginal excess burden of taxes. Environmental Economics, 2010 (with B. Kriström)
- 3.100 The new economics of evaluating water projects. Annual Review of Resource Economics, 2011 (with B. Kriström)
- 3.101 Comment on Burgess and Zerbe: On bank market power and the social discount rate. Journal of Benefit-Cost Analysis, 2011 (with B. Kriström)
- 3.102 Omreglering så att (nästan) alla blir vinnare – exemplet vattenkraft (Reregulation such that (almost) everyone gains – the hydropower example). Ekonomisk Debatt, forthcoming (with B. Kriström, in Swedish)

#### Reviews

- 4.1 Review of Negishi, T: "Microeconomic foundations of Keynesian Macroeconomics", Scandinavian Journal of Economics, No 1 1981
- 4.2 Review of Conrad, J. "Nitrate pollution and politics", European Review of Agricultural Economics, No 1 1990

#### Working Papers

- 5.1 Kostnads-intäktanalys av arbetsmarknadsutbildning under varierande modell och antaganden (A cost-benefit analysis of labor market training). Umeå, 1974. In Swedish
- 5.2 Regionala multiplikatorer - Några modeller och skattningsförsök (Regional multipliers - models and estimations), Umeå Economic Studies, No 33 1977. In Swedish
- 5.3 A note on the economic interpretation of the relationships between input-output multipliers, Umeå Economic Studies, No 42 1977
- 5.4 Sysselsättning och samhällsekonomi - En studie av Algots etablering i Västerbotten (A cost-benefit analyses of a plant relocation), Umeå Economic Studies, No 53 1978. Ph.D. thesis. In Swedish

- 5.5 Samhällsekonomiska konsekvenser av en nedläggning av NCB:s Hörneforsfabrik (A cost-benefit analysis of a shut-down of a pulp plant), Umeå Economic Studies, No 59 1979 (with S. Brand, D. Lans & M.Lundström). In Swedish
- 5.6 Virkestransporter längs Uman. Samhällsekonomiska synpunkter på valet av transportsätt (A cost-benefit analysis of means of transport of roundwood), Working Paper No 28, Swedish University of Agricultural Sciences, 1980 (with K.G. Löfgren)
- 5.7 On potential employment effects of firm-oriented labor market policy measures in a small open economy, Umeå Economic Studies, No 74 1980
- 5.8 Fiscal Policy in a disequilibrium model of a small open economy, Umeå Economic Studies, No 86 1981
- 5.9 On the properties of a disequilibrium model of a small open economy, Umeå Economic Studies, No 87 1981 (with K.G. Löfgren)
- 5.10 The balanced-budget theorem in a small open economy, Umeå Economic Studies, No 100 1982
- 5.11 On the effects of productive government expenditures under Keynesian unemployment, Umeå Economic Studies, No 112 1981
- 5.12 Six different results on the properties on the timber supply function, Working Paper No 39, Swedish University of Agricultural Sciences, 1982 (with K.G.Löfgren)
- 5.13 On cost-benefit rules when markets do not clear, Umeå Economic Studies, No 124 1983
- 5.14 Optimum tariffs, revenue maximizing tariffs and unemployment: A general disequilibrium analysis, Seminar paper 266, Institute for International Economic Studies, Stockholm 1983 (with J.T. Cuddington)
- 5.15 On socially optimal forest rotations: Faustmann versus Nautiyal and Fowler, Umeå 1983 (with K.G. Löfgren)
- 5.16 On the properties of the compensating variation and equivalent variation measures. The case of public goods and rationed private goods, FIEF, Working Paper No 1, 1985
- 5.17 Något om effekterna av löneändringar och finanspolitik i "nykeynesianska" makromodeller, (On the effects of wage adjustments and fiscal policy in Neo-Keynesian macro models), FIEF, Working Paper No 2, 1985. In Swedish

- 5.18 Measuring monetary welfare change with econometric disequilibrium labor market models. FIEF, Working Paper No 27, 1986
- 5.19 The macroeconomic effects of productive public expenditure: A review of the literature. Working Paper, the World Bank, 1986
- 5.20 Fiscal deficit reduction programmes in developing countries: Stabilization versus growth in the presence of credit rationing. Working Paper, the World Bank, 1986 (with J.T. Cuddington)
- 5.21 A medium-term analysis of financial policies in developing countries: An intertemporal model with money and credit rationing. Working Paper, the World Bank, 1986 (with J.T. Cuddington)
- 5.22 Estimating how the value of a hunting permit is affected by the hunter's expectations, Working Paper No 68, Swedish University of Agricultural Sciences, 1987
- 5.23 On optimal rotations when a standing forest has value, Working Paper No 70, Swedish University of Agricultural Sciences, 1987 (with M. Hite & K.G. Löfgren)
- 5.24 Money measures of the total value of forest lands, Umeå 1988 (with K.G. Löfgren)
- 5.25 An intertemporal disequilibrium model of a small open economy, Stockholm 1989 (with V. Bergström)
- 5.26 Om elsparandets samhällsekonomiska intäkter och kostnader. Statens energiverk, 1990.
- 5.27 Omreglering av elmarknaden? Statens energiverk, 1991.
- 5.28 Valuing health changes, Stockholm 1991 (with Å. Blomqvist, M. Johannesson and B. Jönsson)
- 5.29 On optimal patents: A review article. Mimeo
- 5.30 On the value and optimal protection of a patent. Mimeo (with K.-G. Löfgren)
- 5.31 Comparative dynamics in health economics: Some useful results. Mimeo (with K.-G. Löfgren)
- 5.32 Welfare, growth and green NNP. Mimeo (with T. Aronsson and K.G. Löfgren)
- 5.33 Valuing a public good using the CVM: Demand curves, spike models and optimal design. Mimeo, 1995 (with B. Kriström and H. Nyquist)

- 5.34 The value of life extension and the marginal rate of time preference: An empirical study. Mimeo, 1995 (with M. Johannesson)
- 5.35 Homegrown values and hypothetical surveys: A comment. Mimeo, 1995 (with M. Johannesson and B. Liljas)
- 5.36 Optimal non-linear health insurance. Mimeo, 1996 (with A. Blomquist)

And many more when I get time to update!