

KARL-GUSTAF LÖFGREN
CURRICULUM VITAE
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Name:

Karl-Gustaf Löfgren

Civil status:

Married

Date of Birth:

December 16, 1943

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Umeå University

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Foreign Languages, English (fluent), German (fair), French, Italian (awful).

Education:

1. B.A. (Fil kand) University of Umeå: Economics, Mathematics, Statistics, and Political Science, January 1968
2. Fil. lic., University of Umeå: Economics, May 1972
3. Ph.D. (Fil dr), University of Umeå: Economics, March 1977

Positions:

1. Assistant Lecturer (1:e amanuens), University of Umeå: Economics, Spring 1966 - Fall 1967
2. Assistant Lecturer (assistent), University of Umeå: Economics, Spring 1968 - Spring 1971
3. Assistant Professor (forskarassistent), University of Umeå: Economics, Fall 1971 - Fall 1976
4. Acting Professor, University of Umeå: economics, Spring 1977 - Fall 1977
5. Chairman of the Department of Economics, Spring 1977 - Spring 1979
6. Associate professor (docent), University of Umeå: Economics, Spring 1978 - Spring 1979

7. Professor, The Swedish University of Agricultural Sciences, Faculty of Forestry, Umeå: Economics, Fall 1979 - Spring 1988
8. Visiting professor at the Department of Economics, University of Wisconsin, Madison, Spring 1980
9. Chairman at the Department of Forest Economics, Fall 1980 - Fall 1986 and Fall 1987 - Spring 1988
10. Visiting professor, College of Natural Resources, University of California Berkeley, Spring 1987
11. Professor, University of Umeå: Economics, Fall 1988 -
12. Chairman at the Department of Economics, Fall 1988 – Fall 1999
13. Prodean, Social Science Faculty, University of Umeå, 1993/94
14. Visiting Professor at the Department of Economics, University of Wisconsin, Madison, Spring 1996.
15. Visiting Professor The Agricultural University Wagening, The Netherlands (September 1996)
15. Visiting Professor Center of Economic Studies, (CES), Munich, Germany, Autumn 1996.
16. Dean, Social Science Faculty, University of Umeå, Fall 1999 –Spring 2002.
17. Prodean, Social Science Faculty, University of Umeå, Fall 2002-Spring 2005

Teaching experience:

1. Undergraduate teaching in Economics, University of Umeå, Spring 1966 - Spring 1971
2. Graduate teaching in Microeconomics, Macroeconomics, and Mathematics for Economists, University of Umeå, Fall 1971 -
3. Undergraduate and graduate teaching in Economics, College of Forestry, Fall 1979 – Spring 1989.
4. Graduate teaching at the University of California, Berkeley. (Forest Economics and Quantitative Economic Policy; Disequilibrium Cost Benefit Analysis) Spring 1987
5. Undergraduate teaching at the Stockholm School of Economics, Spring 1990.
6. Graduate teaching at the University of Lund, Spring and Autumn 1991.
7. Graduate teaching Agricultural University, Wageningen, The Netherlands, Autumn 1996
8. Graduate teaching Ludvig Maximillian University, Munich, Germany, Autumn 1996.
9. Graduate teaching Heidelberg University, January 2002.
10. Graduate teaching Venice International University, July 2005.
11. Graduate teaching at Uppsala University, Autumn 2006

Fellowships and awards:

Bernadotte Fellow of the American-Scandinavian Foundation, 1980

Nordbanken's Prize in Social Science, 1995

Honorary doctor at the Faculty of Forestry and Agriculture, Helsinki University, 2007.

Honorary doctor at the Swedish University of Agricultural Sciences, Uppsala 2011.

Academic Assignments:

Faculty dissertation opponent, University of Uppsala, 1978 (Christian Nilsson's dissertation)

Faculty dissertation opponent, University of Lund, 1980 (Inga Persson-Tanimura's dissertation)

Faculty dissertation opponent, Stockholm School of Economics, 1981 (Anders Björklund's dissertation)

Faculty dissertation opponent, Stockholm School of Economics, 1982 (Lars Hultkrantz' dissertation)

Member of Nils Westergaard Nielssen dissertation committee, University of Copenhagen, 1983

Faculty dissertation opponent, University of Lund, 1986 (Per Olov Bjuggren's dissertation)

Faculty dissertation opponent, University of Helsinki, 1986 (Marianne Stenius' dissertation)

Faculty dissertation opponent, University of Tromsö, 1991 (Ola Flaaten's dissertation)

Faculty dissertation opponent, University of Uppsala, 1992 (Urban Hansson-Brusewitz' dissertation)

Faculty dissertation opponent, University of Oslo, 1994 (Tom Kornstad's dissertation)

Faculty dissertation opponent, University of Oslo, 1995 (Leif Andreassen's dissertation)

Faculty dissertation opponent, University of Helsinki, 1996 (Markku Ollikainen's dissertation)

Faculty dissertation opponent, Norway Business School, 1997 (Arild Angelsens's dissertation)

Faculty dissertation opponent University of Aarhus, 1998 (Tryggvi Herbertsson's dissertation)

Faculty dissertation opponent, Norwegian Agricultural University, Ås, 2000 (Erik Naevdal's dissertation)

Faculty opponent, Stockholm University, 2001, Ann Sofie Crepin's licentiate thesis.

Faculty opponent, Helsinki University, 2004, Kari Hyytiäinen's dissertation.

Faculty opponent, Gronningen University, 2007, Kurt Niquidet's dissertation.

Faculty opponent, Lund University, 2009, Gustaf Engströms licentiate thesis

Journal referee: Ambio, American Economic Review, American Journal of Agricultural Economics, Annals of Regional Science, Bulletin of Economic Research, Canadian Journal of Economics, Forest Science, Economic Journal, Environment and Resource Economics, European Economic Review, European Journal of Political Economy, German Economic Review, Journal of Economic Development, Journal of Forest Economics, Journal of Public Economics, Journal of Industrial Relations, Journal of Regional Science, Journal of Environmental Economics and Management, Journal of Regional Science and Urban Economics, Land Economics, Resources and Energy, Scandinavian Journal of Economics, Journal of Forest Economics, Scandinavian Journal of Forest Research, Scandinavian Journal of Social Medicine, Zeitschrift für Nationalökonomie and Yearbook of Resource and Environmental Economics.

Chairman of Research Committee No. 1, Faculty of Forestry, The Swedish University of Agricultural Sciences, 1980 - 1988. (Member: 1989 -1992)

Member of Research Committee No. 6 (economics), Faculty of Agriculture, The Swedish University of Agricultural Sciences, 1982 - 1988

Member of the editorial board of Ekonomisk Debatt (Journal of the Swedish Economic Association), 1979 - 1997.

Member of the editorial board of Environmental and Resource Economics, 1990 -

Associate editor of Natural Resource Modeling, 1991 - 2003

Member of the editorial board of Scandinavian Journal of Economics 1985 - 1995.

Member of the editorial board of International Yearbook of Environmental and Resource Economics 1995 -

Member of the editorial board of *Ambio* 1997 –

Member of the Editorial Board of *Arbetsliv and Arbetsmarknad* 1997-2000

Member of the Panel of Economic Policy 1998-1999

Member of the editorial board of *The German Economic Review* 1999-

Member of the Editorial Council of *Journal of Environmental Economics and Management*
2001-2004

Member of the Editorial Board of *The Open Forest Science Journal* 2008-

Member of the American Economic Association 1977 -

Member of the Swedish Economic Association 1978 -

Member of the Scandinavian Society of Forest Economics 1979 -

Member of the European Economic Association 1986 -

Member of the Royal Economic Society 1989 -

Member of the Swedish Council of Economic Advisors 1987 - 1992
(Acting chairman 1990/91, and Spring 1992)

Adjunct member of The Prize Committee for the Alfred Nobel Memorial Prize in Economic Science, 1993-1997, and 2000-2001.

Member of The Prize Committee for the Alfred Nobel Memorial Prize in Economics, 2002-2007.

Member of the Royal Skytteanum Foundation 1995 -

Member of The Royal Academy of Agriculture and Forestry 1996 -

Member of The Royal Academy of Science 1999-

Member of The Gastronomic Academy of Northern Sweden 2000-

Invited Lectures:

1. Ecozoek - lecture, Wageningen, The Netherlands, April 1989: "Environmental Economics: Retrospectives and Perspectives".
2. Symposium on Operations Research, Ulm, Germany Sept, 1989: "Forecasting the Business Cycle Not Using Minimum Autocorrelation Factors"
3. Key note European Association of Environment and Resource Economists, Stockholm, Sweden June, 1991 "Welfare Gains from Genetic Progress in Forestry"
4. Symposium on Operations Research, Hamburg, Germany, August 1992. "Welfare Consequences of Technological and Environmental Externalities in the Ramsey Growth Model"
- 5 Key note European Association of Environmental and Resource Economics, Tilburg, The Netherlands, June 1997, "Green Accounting: What do we Know and What do we Need to Know"?
- 6 Chinese – Swedish Roundtable on Environmental Policy, Beijing, May 2000.
- 7 Keynote address Oslo 2001, Norwegian Research Council (Wage Setting and Taxes in Dynamic General Equilibrium) .
- 8 Invited special address, World Meeting in Environmental and Resource Economics, Monterey, California 2002, Resource Scarcity, National Accounting and Growth.
- 9 Key note lecture at 5th Ulvö meeting 2003, Dynamic Cost-Benefit Rules.
- 10 School coordinator and lecturer at The European Summer School in Environment and Resource Economics in Venice 2005.
- 11 Invited sub-session address IUFRO- world meeting Seoul 2010, South Korea, Economic Modeling in Forestry-Avoiding the Lucas Critique

Monographs (M):

1. Studies in the Theory of Price Discrimination (Studier i teorin för prisdiskriminering), Umeå Economic Studies, No 2 1971, 100 pp (Fil lic dissertation) in Swedish
2. A Study in Neo-Keynesian Unemployment and Inflation Theory (En studie i neokeynesiansk arbetslöshets- och inflationsteori), Umeå Economic Studies, No 34 1977, 256 pp (Ph.D. dissertation) in Swedish
3. The Labour Market in the County of Norrbotten - A Study of a Regional Market (Arbetsmarknaden i Norrbotten - en studie av en regional arbetsmarknad), together with R Axelsson), Umeå Economic Studies, No 38 1977, 180 pp in Swedish
- 3a. The Labour Market in the County of Norrbotten (Arbetsmarknaden i Norrbotten). SOU 1978:68 4, 220 pp in Swedish
4. The Theory of Resource Allocation (Resursfördelningsteori), together with R Axelsson, B Holmlund, R Jacobsson and T Puu) Umeå 1974, 350 pp in Swedish. Revised and published by Studentlitteratur, Lund 1987, and in yearly new editions.

5. Problems of Resource Allocation (Resursfördelningsteori), together with R Axelsson et al), Umeå 1974, 100 pp in Swedish
6. Keynes, Disequilibrium Theory and the Economics of Information - On the Selfregulating Forces of the Economy (Keynes, Ojämviktsteoretikerna och Informationsteoretikerna - Om det ekonomiska systemets självreglerande egenskaper) Umeå 1974, 125 pp in Swedish
7. The Swedish Labour Market Policy During the 20th Century (Svensk Arbetsmarknadspolitik under 1900-talet), together with R Axelsson, L G Nilsson, Prisma, Stockholm 1979, 160 pp in Swedish
- 7a. The Swedish Labour Market Policy During the 20th Century (Svensk Arbetsmarknadspolitik under 1900-talet) (second edition). Prisma, Stockholm 1983, 200 pp in Swedish
- 7b. The Swedish Labour Market Policy During the 20th Century (Svensk Arbetsmarknadspolitik under 1900-talet) (third edition). Prisma, Stockholm 1985, 200 pp in Swedish
- 7c. The Swedish Labour Market Policy During the 20th Century (Svensk Arbetsmarknadspolitik under 1970-talet) (fourth edition). Prisma, Stockholm 1987, 200 pp in Swedish
8. River Driving along the Uman-River; A Cost Benefit Analysis (Virkestransporter längs Uman - samhällsekonomiska synpunkter på valet av transportsätt), Department of Forest Economics, SLU, Report No 28 1980 (together with P O Johansson) in Swedish
9. Disequilibrium Macroeconomics in Open Economies. Basil Blackwell, Oxford 1984, (together with J T Cuddington and P O Johansson), 270 pp
10. The Economics of Forestry and Natural Resources. Basil Blackwell, Oxford 1985, (together with P O Johansson), 300 pp
11. An Evaluation of the Malmfältsdelegationen (Utvärdering av Malmfältsdelegationen) Umeå Economic Studies No 161, 1985 (collaborator, main authors are L Engström and H Ohlsson), 300 pp
12. An Economic Analysis of the Subsidization of Forestry (En ekonomisk analys av stödet till skogsbruket), Department of Economics, Research report, No 62, 1986, (together with M Göransson), 170 pp
13. How Can Our Forests Save Us? (Skogen vår räddningsplanka?) LU 1987; bilaga 6 (together with S Holm, L Hultkrantz, N-E Nilsson and S Wibe), 150 pp
14. Trade Unions, Employment, and Unemployment Durations: Clarendon Press, Oxford 1989 in a volume written together with B Holmlund and L Engström, FIEF Studies in Labor Markets.

15. The Effect of the Work of Delegation for the Mining Region (Effekterna av Malmfält delegationens arbete) (collaborator, main authors are Henry Ohlsson and Olle Westerlund) Umeå Economic Studies 1988, 200 pp
16. Forest Economics (Skogsekonomi), SNS, Stockholm 1988, 106 pp (ed. together with L Hultkrantz and P O Johansson) in Swedish
17. Unemployment and Inflation in Europe: Theory, Evidence, and Policy, Basil Blackwell 1990, (ed. together with B Holmlund)
18. Wage Formation and Labor Market Policy (Lönebildning och arbetsmarknadspolitik). Bilaga till Arbetsmarknad och arbetsmarknadspolitik 1990, Ds 1991:53 (together with M Wikström) in Swedish
19. Stabilization Policies and Business Cycles (Konjunkturprognoser & Konjunkturpolitik), Allmänna förlaget, 1993 (Editor together with L E Öller) in Swedish
20. Labor Market Policy on New Roads (Arbetsmarknadspolitik på nya vägar), editor together with Bertil Holmlund and Eskil Wadensjö, Stockholm: Fritzes, 1993.
21. The Effects of Labor Market Policy, Riksdagens Revisorer, Rapport 1995/96: 10 (together with Roger Axelsson and Kurt Brännäs) in Swedish.
22. Welfare Measurement, Green NNP and Sustainability: A Growth Theoretical Approach (together with Thomas Aronsson and Per-Olov Johansson), Cheltenham: Edward Elgar, 1997
23. Disequilibrium Macroeconomics in Open Economies, (*Chinese, translation of item 9 above*) Shanghai: Basil Blackwell
24. Economics of Space and Time: Scientific Papers of Tönu Puu (editor together with Åke E Andersson, Martin Beckmann, and Anders Stenberg), Berlin: Springer Verlag 1997
25. Microeconomics (Mikroekonomi), Lund: Studentlitteratur 1998, (together with Axelsson, R., Holmlund, B., Jacobsson, R., and Puu, T.
26. Economic Theory for the Environment, Cheltenham: Edward Elgar, 2002, co-editor together with Bengt Kriström and Sir Partha Dasgupta.
27. Welfare Measurement in Imperfect Markets- A Growth Theoretical Approach, Cheltenham: Edward Elgar 2004 (together with Thomas Aronsson and Kenneth Backlund).
28. **Stochastic Differential Equations and Stochastic Optimal Control: Learning by Exercising, Umeå University, Mimeo (2007).**
29. **Thomas Aronsson, Karl-Gustaf Lofgren ,(2008), WELFARE THEORY: HISTORY AND MODERN RESULTS, in *Mathematical Models in Economics*, [Ed. Wei-Bin Zhang], in *Encyclopedia of Life Support Systems (EOLSS)*, Developed under the Auspices of the UNESCO, Eolss Publishers, Oxford ,UK, [<http://www.eolss.net>]**

30. **AttMäta Välfärd och Hållbar Utveckling-En EMS rapport om gröna nationalräkenskaper (How to Measure Welfare and Sustainable Development) together with Chuan-Zhong Li forthcoming *Finance ministry, Sweden 2010***
31. **Handbook of Environmental Accounting, (editor together with Thomas Aronsson), Edward Elgar 2010**
32. **Green Accounting and Sustainability, (editor together with Chuan-Zhong Li), Edward Elgar 2011.**

Journal Articles (J.A.):

1. The Objective Function and its Consequences for the Decision Makers Choice of Activity (Målsättningsteoriernas konsekvenser för beslutsfattarnas aktivitetsval), together with C Lindström, *Erhversøkonomisk Tidsskrift, No 4, 1968* in Swedish
2. The Theory of Intertemporal Price Discrimination, An Outline, *The Swedish Journal of Economics, No 3, 1971*
3. A Model Analysis of Pollution (En modellanalys av miljöavgifter), *Journal of Economic Society, No 1, 1974* in Swedish
4. On the Optimal Distribution of Vacancies - A Model and its Application, (together with B Holmlund) *The Swedish Journal of Economics, No 4, 1975*
5. The Theory of Production, when Bottlenecks are Present (Teorin för produktion vid flaskhalsar), *Journal of Economic Society, No 1, 1975* in Swedish
6. On the Length of Spells and Unemployment in Sweden: Comment (together with R Axelsson and B Holmlund), *The American Economic Review, March, 1977*
7. Dumping, Devaluation, and Monopoly Prices, *Rivista Internazionale di Scienze Economiche e Commerciali, No 8, 1977*
8. A Note on Output under Discrimination, *Rivista Internazionale di Scienze Economiche e Commerciali, No 9, 1977*
9. The Demand for Labour and Search Activity in the Swedish Labour Market, *European Economic Review, No 3, 1977* (together with R Axelsson)
10. The Corridor and the Stability of the Effective Excess Demand Hypothesis, *The Scandinavian Journal of Economics, No 1, 1979*
11. The Effects of Tariffs and Real Wages on Employment in A Barro-Grossman Model of an Open Economy (together with P O Johansson), *Scandinavian Journal of Economics, No 2, 1980*. Also published in Matthiessen & Ström ed:s Unemployment, Mac Millan 1981
12. Derived Demand, Rationing and the Slutsky Equation in the Theory of Production, *Rivista Scienze Economiche e Commerciali, No 3, 1980*
13. Rationing in the Theory of Production. Once again, *Rivista Scienze Economiche e Commerciali, No 4, 1982*

14. A Note on the General Equilibrium Effects of Taxes on Labour Supply, Scandinavian Journal of Economics, No 3, 1981 (together with R Axelsson and R Jacobsson)
15. On the Determinants of Labour Supply in Sweden, in a volume on Labour Market Issues in Sweden, ed *Eliasson, Holmlund & Stafford, IUI, Stockholm 1982* (together with R Axelsson and R Jacobsson)
16. The Effects of Rationing on the Demand for Production Factors - The Case of the Swedish Roundwood Market, Canadian Journal of Forest Research, No 3, 1981
17. A Note on the Effects of Tariffs in a Small Open Economy, Weltwirtschaftliches Archiv, No 13, 1981, (together with P O Johansson)
18. Comment on Burdett & Hool, "Macroeconomic Effects of Categorical Wage Subsidies", in Haveman & Palmer ed:s, Jobs for Disadvantaged Workers, The Brookings Institution, 1982
19. Contract Theory and the Phillips Curve, Zeitschrift fur Nationalökonomie, No 1-2, 1982
20. The Faustmann-Ohlin Theorem: A Historical Note, History of Political Economy, No 2, 1983
21. The Supply of Roundwood and Taxation, in System Analysis in Forestry and Forest Industries, edited by Andersson, Kallio, Morgan & Seppelä, North Holland, 1986
23. Monopsony, Conjectural Equilibria, and the Swedish Roundwood Market, Forest Science No 2 1983 (together with P O Johansson)
22. The Timber Supply Function under Regulatory Constraint, Canadian Journal of Forest Research 13, No 3, 1983 (together with P O Johansson)
24. Endowments and Timber Supply, European Review of Agricultural Economics, No 1, 1984
25. An Econometric Analysis of Aggregate Timber Supply in Sweden, (together with R Brännlund and P O Johansson), Forest Science, 1985
26. A Bargaining Approach to the Modelling of the Swedish Roundwood Market, (together with P O Johansson), Land Economics, No 1, 1985
33. The Effect of Biotechnological Progress on the Socially Optimal Rotation Period, Forest Ecology and Management 1985, reprinted The International Library on Environmental Economic Policy, in the volume Economics of Forestry ed. Roger Sedjo 2003.
28. The Pricing of Pulpwood and Spatial discrimination: Theory and Practice European Review of Agricultural Economics, 1985
29. The Effects on the Supply of Wood from Subsidized Regeneration Measures: An Econometric Analysis, Canadian Journal of Forest Research, No 3, 1985 (together with R Brännlund and M Göransson)
30. The Spatial Monopsony: A Theoretical Analysis, Journal of Regional Science, No 3, 1986

31. Supply Consequences of Subsidization of Thinning Activities in Sweden, Scandinavian Journal of Forest Research, No 3, 1986 (together with O Carlén)
32. A Bargaining Approach to the Modelling of the Swedish Roundwood Market, Reply, Land Economics, No 2, 1987 (together with P O Johansson)
33. Where is the Beef: A Reply to Price. Journal of Environmental Management: 1988 (together with P O Johansson)
34. Tariff Policy and Real Wage Adjustments in a Small Open Economy (together with P O Johansson). In C H Siven, ed. Unemployment in Europe, Timbro 1987
35. Behavioral Modes for a Firm Facing an Uncertain Supply or Demand Curve, Scandinavian Journal of Economics, No 1, 1987, (together with B Ranneby)
36. Uncertain and Self-enforceable Delivery Contracts for Natural Resources, European Journal of Political Economy, No 4, 1987
37. A Fundamental Inequality for the Assessment of Forest Land Values, Canadian Journal of Forest Research; 1987
38. On the Economic Value of Genetic Progress in Forestry, Forest Science 1988
39. Disequilibrium Cost-Benefit Rules: an Exposition and Extension, In a volume on Evaluation and Policy Making in Environmental Economics, edited by H Folmer and E Ierland, North Holland Publishing Company 1989
40. Recreational Values, Pareto Optimality and Timber Supply, (together with P O Johansson and K G Mäler) In a volume: Evaluation and Policy -making in Environmental Economics edited by H Folmer and I Ierland, North Holland Publishing Company, 1989
41. Buying and Selling Behavior in Stochastic Environments with Backstop Markets. Zeitschrift für Nationalökonomie, No 2, 1989
42. On the Use and Non-use of Mathematics in and Economics, Forest Economics: The Swedish Experience 1876-1976, Scandinavian Journal of Forest Research, 5, 1990
43. The Measurement of Welfare Gains from Genetic Progress in Forestry: General Equilibrium and Disequilibrium Results, Natural Resource Modeling, 21, 1990
44. Forecasting the Business Cycle Using Maximum Autocorrelation Factors (together with B Ranneby and S Sjöstedt) Method of Operations Research 63, 1990
45. Comments on Dreze and Bean. European Unemployment: Lessons from a Multi-Country Econometric Study, Scandinavian Journal of Economics, No 2, 1990 (together with T. Karlsson)
46. Macroeconomic Model Building in Sweden, An Incomplete Survey, Scandinavian Journal of Economics, 93, 1991
47. Supply Risk Management under Imperfect Competition - Empirical Applications to the Swedish Pulp and Paper Industry (with M Bergman), Empirical Economics, 1991
48. Another Reconciliation between Economists and Forestry Experts: OLG-arguments. Environmental and Resource Economics, 1, 1991

49. The Spatial Monopsony and Monopoly in a Stochastic Environment, *Journal of Regional Science*, 32, 1992
50. A Note on the Welfare Gains from Genetic Progress in Forestry: What can the Market Tell us?, *Forest Science*, 38, 1992
51. Excess Demand, Monopolistic Price Setting and Stochastic Input Supply: An Interpretation of Happenings in the wood Market, (together with R Brännlund) *Scandinavian Journal of Forest Research*, 1992
52. If Forced to Choose; comments on C.R. Hulten, "Accounting for the Wealth of Nations: The Net versus Gross Output Controversy and its Ramifications", *Scandinavian Journal of Economics, supplement*, 1992
53. Monopoly Union Wage Setting, Devaluation Risk, and Decentralized versus Centralized Bargaining, *European Journal of Political Economy*, 1993
54. Forecasting the Business Cycle not Using Minimum Autocorrelation Factors, *Journal of Forecasting*, 1993 ,(together with B Ranneby and S Sjöstedt)
55. Monopoly Union versus Efficient Bargaining - Wage and Employment Determination in the Swedish Construction Sector, *European Journal of Political Economy*, 1993, (together with T Aronsson and M Wikström)
56. Welfare Consequences of Technological and Environmental Externalities in the Ramsey Growth Model, *Natural Resource Modeling*, 1993, (together with T Aronsson)
57. Welfare Measurement and the Health Environment, *Annals of Operations Research*, 1994 (together with T Aronsson and P O Johansson)
58. Knut Wicksell on Forestry: A Note (with T Hedlund-Nyström, L Jonung and B Sandelin). In L Jonung ed. *Swedish Economic Thought: Explorations and Advances*, Routledge, 1993
59. Economics and Mathematics in Forest Economics: Some Swedish Contributions. In *Swedish Economic Thought: Explorations and Advances*, Routledge, 1993
60. Monopoly Union Wage Setting and the Evaluation of Public Projects, *Labour* 8, 1994.
61. Markets and Externalities. In *Principles of Environmental and Resource Economics: A Guide to Students and Decision Makers*, ed:s Folmer, Gabel, and Opschoor. London: Edward Elgar, 1995
62. Wealth from Optimal Health, *Journal of Health Economics*, 1995 (together with Per-Olov Johansson)
63. National Product Related Welfare Measures in the Presence of Technological Change, Externalities and Uncertainty, *Environmental and Resource Economics*, 1995 (together with Thomas Aronsson)
64. Knut Wicksell on the Optimal Rotation Problem in Forestry, *Journal of Forest Economics*, 2, 1995

65. Cyclical Dumping and Correlated Business Cycles in Imperfect Markets, *Applied Economics*, 1995 (together with Runar Brännlund)
66. Thorsten Streyffert - Economist and Forester, *Journal of Forest Economics*, 3, 1995 (together with Leif Mattsson)
67. A Back of the Envelope Calculation Method for Calculations of the Gains from Genetic Progress in Forestry with some Theoretical Underpinning, *Ecological Modelling*, 1996
68. On the Interpretation of Green NNP-Measures as Cost-Benefit Rules, *Environment and Resource Economics*, 1996 (together with Per-Olov Johansson)
69. Social Accounting and Welfare Measurement in a Growth Model with Human Capital, *Scandinavian Journal of Economics*, 1996 (together with Thomas Aronsson)
70. Emissions and Stochastic Waste Load, *Land Economics*, May 1996 (together with Runar Brännlund).
71. *Renewable Resources: Forestry*, in *Handbook of Environmental and Resource Economics*, Edward Elgar, 1999, ed. by J. van den Bergh (together with Thomas Aronsson).
72. Green Accounting: What do we Know and What do we Need to Know ? , in Folmer, H and T., Tietenberg *Yearbook of Environment and Resource Economics*, 1998, London: Edward Elgar (together with Thomas Aronsson) *Reprinted in International Library of Critical Writings in Economic Series, "Macroeconomics and the Environment" edited by M Munasinghe, Edward Elgar, 2002.*
73. On the Welfare Significance of Green Accounting as Taught by Parable, *Journal of Environmental Economics and Management*, 1997 (together with Martin Weitzman, who is main author).
74. Nuclear Power, Externalities and Pigouvian Taxes: A Dynamic Analysis under Uncertainty, (together with Thomas Aronsson and Kenneth Backlund) *Environmental and Resource Economics*, 1998.
75. On the Value of Changes in Life Expectancy: Blips Versus Parametric Changes, *Journal of Risk and Uncertainty*, 1997 (together with M Johannesson and P O Johansson).
76. On the Proper Treatment of Defensive Expenditures in Green-NNP Accounts, forthcoming in Boman M and Kritröm, B (eds.) *Topics in Environmental Economics*, Amsterdam: Kluwer, 1999, (together with Thomas Aronsson and P O Johansson).
77. Green Accounting in Imperfect Market Economies, *Environment and Resource Economics* 1998, (together with T., Aronsson)
78. Pollution Tax Design and Green National Accounting,(together with Thomas Aronsson), *European Economic Review* 1999 .
79. A Dynamic Model of Biodiversity Preservation, *Environment and Development Economics* 1998. (together with Chuan-Zhong Li)

- 80 Forecasting Prices of Paper Products, *Journal of Forest Economics* 5, 1999 ,
(together with Runar Brännlund and Sara Sjöstedt).
- 81 Welfare Equivalent NNP under Distributional Objectives, *Economic Letters*, 1999
(together with Thomas Aronsson)
- 82 Welfare Measurement and Cost Benefit Analysis in Nash and Stackelberg
Differential Fish Games, *Natural Resource Modeling* 1999.
- 83 Renewable Resources and Economic Sustainability: A Dynamic Analysis with
Heterogeneous Time Preferences, *Journal of Environmental Economics and*
Management 2000, (together with Chuan-Zhong Li)
- 84 A Theory of Red Pine Management for Both Timber and Commercial Seeds,
Forest Science, 2000, (together with Chuan Zhong Li).
- 85 Harvesting Versus Biodiversity: An Occam's Razor Version, *Environmental and*
Resource Economics, 2000 (together with Chuan-Zhong Li and Martin Weitzman).
- 86 On the Output Swedish Education Sector; Additional Remarks, *The Review of*
Income and Wealth, 1999 (together with Thomas Aronsson and Per Marklund)
- 87 Ohlin versus Heckscher and Wicksell on Forestry: One Win (points) and One
Draw, in Findlay R, Jonung L and Lundahl M editors, Bertil Ohlin: A
Centennial Celebration (1899-1999) MIT Press. 2002.
- 88 On Optimal R&D Policy for a Patent Race with Uncertain Duration, (together with
Thomas Aronsson and Per - Olov Johansson), in Kriström B., Dasgupta, P., &
Löfgren KG (eds) Essays In Honor of Karl-Göran Mäler, Cheltenham: Edward
Elgar 2002.
- 89 Wage Setting and Tax Progressivity in Dynamic General Equilibrium, (together
with Thomas Aronsson and Thomas Sjögren) *Oxford Economic Papers*, 2002,
- 90 Red Pine Management for Timber, Commercial Seeds and Amenities: Comparing
Nested Models, (together with Chuan Zhong Li) *Journal of Forest Economics*
2000.
- 91 Union Wage Setting and Capital Income Taxation in Dynamic General
Equilibrium, (together with Thomas Aronsson and Tomas Sjögren) *German*
Economic Review 2001.
- 92 Green Accounting and Green Taxes in the Global Economy, in Folmer, H., Gabel,
L., and Rose, A. (eds.) *Frontiers in Environmental Economics* , Cheltenham:
Edward Elgar, 2001 (together with Thomas Aronsson).
- 93 Market with Asymmetric Information: The Contributions of George Akerlof, Michael
Spence and Joseph Stiglitz, *Scandinavian Journal of Economics* 2002 (together
with Torsten Persson and Jörgen Weibull)
- 94 Short-Run Timber Supply under Uncertainty and Welfare Gains from Perfect
Competition, *Natural Resource Modeling* 2003) together with Peichen Gong).

- 95 Real versus Hypothetical Willingness to Accept, *in Kriström B., Dasgupta, P., & Löfgren KG (eds) Essays In Honor of Karl-Göran Mäler, Cheltenham: Edward Elgar 2002* (together with Chuan Zhong Li and Michael Hanemann).
- 96 Resource Scarcity, National Accounting and Growth, *forthcoming in a volume edited by Carson, R., M Hanemann and V.K. Smith, Resources for the Future* (co-authors Thomas Aronsson and Kenneth Backlund).
- 97 Risk Aversion and the Short-Run Supply of Timber, *Forest Science 2003* (together with Peichen Gong)
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