

Curriculum Vitae

September, 2011

Name Lars *Tommy* Lundgren
Date of birth September 1, 1970
Place of birth Härnösand, Sweden
Civil status Married to Tianyan Song.
Languages Swedish (native), English (fluent), French (poor)

Degrees

Bachelors thesis 1996: “The Swedish Krona Risk Premium during 1992-1995: An Econometric Analysis”, Department of Economics, University of Umeå.

Ph D thesis 2001: “Dynamic Factor Demand and Environmental Investments – Applications to the Swedish Forest Industry”, Department of Forest Economics, Swedish University of Agricultural Sciences - SLU. Supervisor: prof Bengt Kriström. Thesis opponent: Prof Anastasios Xepapadeas, Department of Economics, University of Crete, Greece.

Associate Professor 2007 (docent) in Economics, Department of Economics, Umeå University.

References

1. Professor Bengt Kriström, Department of Forest Economics, SLU, Sweden. bengt.kristrom@sekon.slu.se .
2. Professor Runar Brännlund, Department of Economics/Department of Forest Economics, University of Umeå/SLU, Sweden. runar.brannlund@econ.umu.se .
3. Professor Lars Hassel, Department of Business Studies, Åbo Akademi, Åbo, Finland, and Umeå School of Business, Umeå University, Umeå, Sweden. lars.hassel@usbe.umu.se.

Current and past positions

Main affiliation: *Centre for Environmental and Resource Economics* (CERE), a joint venture between Umeå University and Swedish University of Agricultural Sciences.

Current

1. Researcher, Umeå School of Business (USBE), Umeå University, Umeå, Sweden. 2006-10-01 – 2011-12-31 (80%)
2. Researcher, Department of Forest Economics, SLU, Umeå, Sweden. 2006-10-01 – employed until further notice (20%)

Past

Researcher, Department of Forest Economics, SLU, Umeå, Sweden 2001-06-09 – 2006-09-30.

Visits abroad (invited research fellow)

- 1) Visiting scholar at the Department of Agricultural and Resource Economics, UC Berkeley, CA 94 720, USA, 1998-01-01 – 1998-08-01. Local sponsor: Professor Michael Hanemann.
- 2) Visiting scholar at the Department of Economics, University of Calgary, Alberta Canada, 2002-02-06 – 2002-04-30. Local sponsor: Professor Elizabeth Wilman.
- 3) Visiting scholar at the Department of Economics, University of Otago, Dunedin, New Zealand, July – Sep, 2005. Local sponsor: Professor Dorian Owen.

Teaching (in somewhat chronological order)

<u>Course</u>	<u>Level</u>
1. Introductory Microeconomics* (SLU)	Undergraduate
2. Environmental Economics (SLU)	Undergraduate
3. Natural Resource Economics (SLU)	Undergraduate
4. Demand Analysis and Market Eval. (SLU)	Undergraduate
5. The firm and the Environment* (SLU)	Master
6. Business Strategy and the Env.* (SLU)	Undergraduate
7. Introductory forest economics (SLU)	Undergraduate
8. Supply strategy in the forest sector (SLU)	Undergraduate
9. Microeconomic Theory (SLU)	Graduate
10. Environmental economics and policy** (SLU)	Graduate
11. Environmental and Resource Economics** (Beijing Forestry University)	Graduate
12. Economic methods for evaluating public projects* (Umeå University)	Master
13. Environmental and Resource Economics (Umeå University)	Master/graduate

* Course responsibility

** Shared course responsibility

Supervising

Undergraduate level

2002 – 2009: supervisor to numerous bachelor and master students at the department of economics at Umeå University, and at the department of Forest Economics, Swedish University of Agricultural Sciences.

Graduate level

1. Main supervisor to Örjan Furtenback, Ph D student dept of forest economics/CERE, SLU, Umeå, Sweden. Licenciate thesis 30/9, 2009: “Fuel substitution in Swedish district heating and CGE modeling with forest as capital”. Ph D thesis defended 30/9, 2011: “Three essays on Swedish energy and climate policy options – dynamic CGE-models with heterogeneous forests and econometric model of fuel substitution in district heating plants”. Current position: researcher at the Environmental Economics Unit at National Institute for Economic Research (Konjunkturinstitutet).
- 2.

3. Main supervisor to Shanshan Zhang, Ph D student dept of forest economics/CERE, SLU, Umeå, Sweden 2011-10-01 - 2015.
4. Deputy supervisor to Eric Brocwell, Ph D student dept of economics/CERE, Umeå University, Umeå Sweden (with Runar Brännlund). 2010 -
5. Deputy supervisor to Mathilda Eriksson, Ph D student dept of economics/CERE, Umeå University, Umeå Sweden (with Runar Brännlund). 2010 -

Committee work

1. Member of the grading committee (chairman) at the Ph d dissertation for Fredrik Pettersson, Division of Economics, Luleå University, 2008. Thesis title: “The economics of power generation and climate policy”
2. Member of the grading committee for Ph D Jonatan Svanlund, Economic History, Umeå University, 2010. Thesis title: “Swedish and Finnish Catch-up Growth 1950-2000”.
3. Member of grading committee (chairman) for Ph D Jonas Nilsson, School of Business, Umeå University, 2010. Thesis title: “Consumer decision in a complex environment – Examining the decision making process of socially responsible mutual fund investors”.
4. Main opponent at Licenciate seminar for Anna Olsson, Luleå Technical University, May 2011. Thesis title: “Examining the competition for forest resources in Sweden using factor substitution analysis and partial equilibrium modeling”.

Scientific work

Departmental working papers and reports

1. Lundgren, T. (1997) “Capital Spending in the Swedish Forest Industry Sector – Four Conventional Investment Models”, *Working paper 237*, Department of Forest Economics, SLU Umeå.
2. Lundgren, T. (1998) “Forecasting Capital Spending in the Swedish Forest Industry – A Performance Test of Classical Investment Models”, *Working paper 259*, Department of Forest Economics, SLU Umeå.
3. Lundgren, T. and Sjöström, M. (1998) “A Dynamic Factor Demand Model for the Swedish Pulp Industry”, *Working paper 479*, Department of Economics, University of Umeå.
4. Lundgren, T. (1998) “Voluntary Environmental Investments”, *Working paper 261*, Department of Forest Economics, SLU Umeå.
5. Kriström, B. and T. Lundgren (2000) ”Abatement Investments and Green Goodwill”, *Working paper 285*, Department of Forest Economic, SLU Umeå.
6. Lundgren, T. and Sjöström, M. (2001) “A Flexible Specification of Adjustment Costs in Dynamic Factor Demand Models”, *Working paper 301*, Department of Forest Economics, SLU Umeå.
7. Brännlund, R, and T. Lundgren (2001) “A Dynamic Analysis of Interfuel Substitution for Swedish Heating Plants”, *Working paper 298*, Department of Forest Economics, SLU Umeå.
8. Kriström, B. and T. Lundgren (2001) ”Models of the Green Firm”, *Working paper 315*, Department of Forest Economics, SLU Umeå.

9. Lundgren, T. (2001) "A Real Options Approach to Abatement Investments and Green Goodwill", *Working paper 316*, Department of Forest Economics, SLU Umeå.
10. Kriström, B. and T. Lundgren (2002) "Swedish CO₂-Emissions 1900-2010: An Exploratory Note", *Working paper 324*, Department of Forest Economics, SLU Umeå.
11. Lundgren, T. (2002) "Långsiktiga avtal i miljöpolitiken", *Report 126*, Department of Forest Economics, SLU Umeå.
12. Lundgren, T. (2003) "Ekonomiska konsekvenser av att 'gå före' och att utföra åtgärder i början av ett långsiktigt åtagande", *Report 127*, Department of Forest Economics, SLU Umeå.
13. Lundgren, T. (2003) "Swedish Timberland Investments", *Working paper 330*, Department of Forest Economics, SLU, Umeå.
14. Brännlund, R., T. Lundgren (2004) "Kyoto och Basindustrin – Modeller och Simulering", *Working paper 347*, Department of Forest Economics, SLU, Umeå.
15. Lundgren, T. (2004), "The Determinants of Economic Growth in the Swedish Mountain Region - the Role of the Forest Industry, the Tourism Sector, and Protected Land." *FjällMistra-rapport nr. 8*, ISSN 1652-3822.
16. Lundgren, T. (2005) "Economic Growth in the Swedish Mountain Region", *Working paper 349*, Department of Forest Economics, SLU, Umeå. (submitted)
17. Lundgren, T. (2005) "Effekter på basindustrin av förändringar i energiskattesystemet – simulering med en faktorefterfrågemodell" *Working paper 351*, Department of Forest Economics, SLU, Umeå.
18. Lundgren, T. (2005) "Measuring Regional Welfare Considering Natural and Cultural Resources", *Economics Discussion Papers No. 0510*, Department of Economics, University of Otago, Dunedin, New Zealand. (submitted)
19. Brännlund, R. and T. Lundgren (2006), "Swedish Industry and Kyoto – An Assessment of the Effects of the European CO₂ Emission Permit Trading System", *Umeå Economic Studies 668*, Umeå University, Umeå.
20. Lundgren, T. (2006) "Att mäta regional välfärd och ta hänsyn till natur- och kulturkapital", *Working paper 358*, Department of Forest Economics, SLU, Umeå.
21. Hammar, H., T. Lundgren, M. Sjöström (2006) "The importance of transport costs in Swedish forest industry", *Working paper 359*, Department of Forest Economics, SLU, Umeå.
22. Hammar, H., T. Lundgren, M. Sjöström (2006) "The significance of transport costs in Swedish forest industry", *Working paper 97, Dec 2006*, National Institute of Economic Research (KI), Stockholm, Sweden.
23. Lundgren, T. (2007) "On the economics of corporate social responsibility", Working paper series *Socially Investment Research Platform*, SIRP WP 07-03 (www.sirp.se)
24. Lundgren, T., R. Olsson "How bad is bad news? Assessing the effects of environmental incidents on firm value", Working paper series *Socially Investment Research Platform*, SIRP WP 07-04 (www.sirp.se)

25. Lundgren T., G. Bostedt (2008) "Accounting for Cultural Heritage", Working paper 365, Department of Forest Economics, SLU, Umeå.
26. Hammar, H., T. Lundgren, M. Sjöström, M. Andersson (2008) "The Kilometer Tax and Swedish Industry", Working paper 369, Department of Forest Economics, SLU, Umeå.
27. Brännlund, Runar, Kriström, Bengt, Lundgren, Tommy and Marklund, Per-Olov (2008), "The Economics of Biofuels", UES 736, Dept of Economics, Umeå University.
28. Brännlund, R., T. Lundgren (2008) "Environmental Policy and Profitability", UES 750, Dept of Economics, Umeå University.
29. Brännlund, R., T. Lundgren (2009) "Environmental policy without costs? A review of the Porter hypothesis", UES 770, Dept of Economics, Umeå University.
30. Lundgren, T., R. Olsson (2010) "Environmental Incidents and Firm Value – International Evidence using a Multi-Factor Event Study Framework". WP 3, *Centre for Environmental and Resource Economics*, www.cere.se.
31. Lundgren, T., P-O Marklund (2010) "Climate Policy and Profit Efficiency", WP 11, *Centre for Environmental and Resource Economics*, www.cere.se.
32. Brännlund, R., Lundgren, T., P-O Marklund (2011) "Environmental performance and climate policy", WP 06-2011, *Centre for Environmental and Resource Economics*, www.cere.se.
33. Lundgren, T., P-O. Marklund (2011), "Assessing the welfare effects of promoting biomass growth and the use of bioenergy – A simple back-of-an-envelope calculation." WP 11-2011, *Centre for Environmental and Resource Economics*, www.cere.se.
34. Brännlund, R., O. Carlén, Lundgren, T., P-O Marklund (2011). "The costs and benefits of intensive forest management". WP 12-2011, *Centre for Environmental and Resource Economics*, www.cere.se.

Papers published in peer-reviewed journals (including forthcoming)

1. Lundgren, T. (1998) "Capital Spending in the Swedish Forest Industry Sector – Four Classical Investment Models", *Journal of Forest Economics* 4(1), 61-83.
2. Lundgren, T. and Sjöström, M. (1999) "A Dynamic Factor Demand Model for the Swedish Pulp Industry – An Euler Equation Approach", *Journal of Forest Economics* 5(1), 45-67.
3. Lundgren, T and Sjöström, M. (2001) "A Flexible Specification of Adjustment Costs in Dynamic Factor Demand Models", *Economics Letters* 72(2), 145-150.
4. Lundgren, T. (2003) "A Real Options Approach to Abatement Investments and Green Goodwill", *Environmental and Resource Economics* 25(1), 17-31.
5. Kriström, B. and T. Lundgren (2003) "Abatement Investments and Green Goodwill", *Applied Economics* 35(18), 1915-1923.
6. Lundgren, T, and R. Brännlund (2004) "A Dynamic Analysis of Interfuel Substitution for Swedish Heating Plants", *Energy Economics*, Volume 26, Issue 6, November, Pages 961-976.

7. Lundgren, T., (2004), "Forecasting Investment Under Uncertainty: A Performance Test of Investment Models", *Empirical Economics Letters* 3(6), November, 289 - 298.
8. Kriström, B. and T. Lundgren (2005), "Swedish CO₂-Emissions 1900-2010: An Exploratory Note", *Energy Policy* 33(9), June 2005, 1223 – 1230.
9. Lundgren, T., (2005), "Assessing the Investment Performance of Swedish Timberland: A CAPM Approach", *Land Economics* 81(3), August, 353 - 362.
10. Lundgren, T., C. Sandström, T. Willebrand (2006) "Reaching for new perspectives on socio-ecological systems: Exploring the possibilities for adaptive co-management in the Swedish mountain region", *The International Journal of Biodiversity Science and Management* 2(4), 359-70.
11. Brännlund, R. and T. Lundgren (2007) "Swedish Industry and Kyoto – An Assessment of the Effects of the European CO₂ Emission Permit Trading System", *Energy Policy* 35(9), 4749-4762.
12. Hammar, H., T. Lundgren, M. Sjöström (2008) "The significance of transport costs in Swedish forest industry", *Journal of Transport Economics and Policy* 42(1), 83-104.
13. T. Lundgren, Per-Olov Marklund, Brännlund, R., B. Kriström, (2008/2009), "The Economics of Biofuels", *International Review of Environmental and Resource Economics*, Vol 2, 237-280.
14. Lundgren, T. (2009) "Environmental Protection and Impact on Adjacent Economies", *Growth and Change* 40(3), 513-532.
15. Brännlund, R., T. Lundgren (2009) "Environmental policy without costs? A review of the Porter hypothesis", *International Review of Environmental and Resource Economics* 3, 1-43.
16. Bostedt, G., T. Lundgren (2010) "Accounting for Cultural Heritage - A Theoretical and Empirical Exploration with Focus on Swedish Reindeer Husbandry", *Ecological Economics* 69(3), 651-657.
17. Lundgren, T., R. Olsson (2009) "How bad is bad news? Assessing the effects of environmental incidents on firm value", *American Journal of Finance and Accounting* 1(4), 376-92.
18. Brännlund, R., T. Lundgren (2010), "Environmental Policy and Profitability – Evidence from Swedish Industry", *Environmental Economics and Policy Studies* 12(1-2), 59-78.
19. Lundgren, T., R. Olsson (2010). "Environmental Incidents and Firm Value - International Evidence using a Multi-Factor Event Study Framework", *Applied Financial Economics* 20(16), 1293 - 1307.
20. Lundgren, T. (2011), "A micro-economic model of corporate social responsibility", *Metroeconomica* 62(1), 69-95.
21. Hammar, H., T. Lundgren, M. Sjöström, M. Andersson (2011), "The Kilometer Tax and Swedish Industry", *Applied Economics* 43, 2907–2917.
22. Lundgren, T., P-O Marklund (2011), "Biofuel economics – A review", in print in *Encyclopedia of Energy, Natural Resource and Environmental Economics*, Elsevier, London, UK. Eds. J. Shogren, B. Kriström, R. Brännlund.

23. Lundgren, T., P-O Marklund (2011), "Climate policy and impact on firms", manuscript under review *Resource and Energy Economics*.
24. Brännlund, R., Lundgren, T., P-O Marklund (2011), "Environmental performance in Swedish industry", manuscript under review *Energy Economics*.
25. Brännlund, R., O. Carlén, Lundgren, T., P-O Marklund (2011). "The costs and benefits of intensive forest management", re-submission *Journal of Benefit-Cost Analysis*.
26. Lundgren, T., P-O. Marklund (2011), "Assessing the welfare effects of promoting biomass growth and the use of bioenergy – A simple back-of-an-envelope calculation", re-submission *Climate Change Economics*.

Other publications in Swedish and media

1. Lundgren, T. (2002) "Miljöinvesteringar lönar sig", Fakta-Skog 1, 2002.
2. SOU 2003:60, "Handla för bättre klimat", delbetänkande av FlexMex2-utredningen, part of chap. 10.
3. "Basindustrin och Kyoto – Effekter på Konkurrenskraften av Handel med Utsläppsrätter", Institutet för Tillväxtpolitiska Studier (ITPS), A2004:019, chap. 7 (with Runar Brännlund).
4. Lundgren, T. (2004) "Vad kostar en offensiv klimatpolitik?", *Ekonomisk Debatt* 6, 19-32.
5. Lundgren, T. (2005) "Varför investerar en del företag frivilligt i miljövänlig teknologi?", prize essay *Thule Yearbook* 2005, ISSN 0280-8692, Royal Skytteanska Society.
6. Naturvårdsverket (Swedish EPA) (2007), "Klimat, transporter och regioner - en studie om målkonflikter och målsynergier" (co-authored).
7. SIK/ITPS (2007), "Kilometre tax for lorries – effects on industries and regions" (co-authored)
8. Västerbottenskuriren (VK), 18/7, 2009, "En ohelig allians". English translation: "Unholy alliance in climate policy". (co-authored with R. Brännlund and B. Kriström)
9. "Osäkrat klimat – laddad utmaning", Sep 2009, Formas Fokuserarbook, chapter on CSR and welfare (co-authored with P. Cerin). Also translated to english in 2010, "Climate challenge – the safety's off".
10. "En samhällsekonomisk bedömning av intensivodling av skog", 2009, faktaunderlag till MINT-utredning om möjligheter till intensivodling av skog, SLU, Rapport. ISBN 978-91-86197-44-5. (co-authored with R. Brännlund, Ola Carlén, and Per-Olov Marklund).
11. Västerbottenskuriren (VK), 18/7, 2009, "En ohelig allians". English translation: "Unholy alliance in climate policy". (co-authored with R. Brännlund and B. Kriström)
12. "Hållbar utveckling - Från risk till värde" (2011). Studentlitteratur. Eds. L. Hassel, L-O Larsson, E. Nore. One chapter on sustainable development in Swedish industry.
13. "För eller emot – Har E85 en framtid som miljöbränsle?". Comment on the issue in Miljörapporten Nr 5/2011. Published commentary on

“Ska jag tanka etanol? (Semida Silveira) FORES Think Tank Study 2011:1, *Essays on Environmental Economics and Entrepreneurship*.

Conference presentations

“A Dynamic Factor Demand Model for the Swedish Pulp Industry”, presented at the

1. IUFRO meeting September 1997, Umeå, Sweden,
2. 5th Ulvön conference, Sweden, June 1998.

“The Theory of Exhaustible Resources and the Swedish Mining Industry”, presented at the 6th Ulvön conference on environmental economics in June 1999.

“A Real Options Approach to Abatement Investments and Green Goodwill”, presented at the Young Economist Conference Oxford UK, March 2000.

“Abatement Investments and Green Goodwill”, presented at the

1. 7th Ulvön conference on environmental economics, Sweden, June 2000.
2. 10th EAERE annual conference at the island of Crete, Greece, July 2000.
3. Southern Economic Association annual meeting in November 2001, in Tampa, Florida, USA. (invited to session on green goodwill)

“A Dynamic Analysis of Inter-fuel Substitution for Swedish Heating Plants”, presented at the

1. 8th Ulvön conference on environmental economics, Sweden, June 2001.
2. 11th EAERE annual conference Southampton, UK, July 2001.

“Swedish Timberland Returns”, presented at the 9th Ulvön conference on environmental economics, June 2002.

“Economic Growth and trends in the Swedish Mountain Region”, poster session at *Fjällen i fokus* (Swedish mountain region in focus), Umeå, Sweden, Sep 29-30, 2004.

“The Determinants of Economic Growth in the Swedish Mountain Region - the Role of the Forest Industry, the Tourism Sector, and Protected Land”, presented at

1. the International Symposium on Society and Resource Management (ISSRM) 2005 conference, June 16 – 19, Östersund, Sweden.
2. the Western Agricultural Economics Association annual meeting, June 28-30, 2006, Anchorage, AK, USA.

“Measuring Regional Welfare Considering Natural and Cultural Resources”, presented at the Western Agricultural Economics Association annual meeting, June 28-30, 2006, Anchorage, AK, USA.

“Swedish Industry and Kyoto – An Assessment of the Effects of the European CO₂ Emission Permit Trading System”, presented at the Third World Congress of Environmental and Resource Economists, Kyoto International Conference Hall, Kyoto, Japan, July 3-7, 2006.

“Skogen, turismen och reservaten – spelar de någon roll?”, presented at Fjällen i fokus, Vilhelmina - Sweden, November 20, 2006.

”On the economics of corporate social responsibility”, presented at

1. 13th Annual International Sustainable Development Research Conference. Critical Perspectives on Health, Climate Change and Corporate Responsibility, June 10-12, 2007 in Västerås, Sweden.
2. The Maastricht 2007, ESG Seminar “On The Relevance of Extra-Financial Information”, September 21, 2007, at the Department of Economics and Finance, University of Maastricht.

“The significance of transport costs in the Swedish forest industry”, presented at the 15th EAERE Annual Conference, hosted by the University of Macedonia, Thessaloniki, Greece, 27-30 June 2007. (Co-presented with Henrik Hammar, KI, Sthlm).

“How bad is bad news?”, presented at the 15th Ulvön conference on environmental economics, June 2008.

“A model of corporate social responsibility”, presented at the 3rd Atlantic Conference on Energy and Environmental Economics organized by: rede , Universidade de Vigo A Toxa, Galicia (Spain), 4-5 July 2008.

"Accounting for Cultural Heritage", EAERE Annual Conference on Environmental and Resource Economics, Amsterdam, NL, June 2009.

“Environmental Incidents and Firm Value - International Evidence using a Multi-Factor Event Study Framework”. 16th Annual International Sustainable Development Research Conference held at The Hong Kong Convention and Exhibition Centre, Hong Kong on 30 May – 1 June 2010.

“Climate Policy and Profit Efficiency”, Fourth World Congress of Environmental and Resource Economists June 28 to July 2, 2010 Montreal, Canada.

“Environmental Performance and Swedish industry” (2010), 11th Global Conference on Environmental Taxation Issues (GCET) 2010, Bangkok 3-5 November, 2010.

“Sustainability in Swedish industry – the role of climate policy”, MISTRA meeting in Bilbao, May 2011.

“Climate Policy and Environmental Performance”, EAERE Annual Conference on Environmental and Resource Economics, Rome, University Tor Vergata, June 2011 (R. Brännlund presenter).

Attended/organized Workshops

1. *GAMS/MPSGE workshop*, November 2003, Trinity College, Dublin, Ireland. Organizer: Prof. Markusen, Boulder, CO.
2. *Mountain Mistra SAM workshop: what to include?*, Feb 2004, SLU, Umeå, Sweden. Organizer: Tommy Lundgren/Mountain Mistra Research Program.
3. *Measuring regional welfare*, November 2004, University of Umeå, Umeå, Sweden. Organizers: the Mountain Mistra Research Program, Tommy Lundgren, and CERUM, Robert Sörensen.
4. *Local and regional SAM:s*, 2004, the Upland Centre. Organizer: Tommy Lundgren, SLU, and Kit Nicholson, chief director, the Upland Centre, Penrith, Cumbria, UK.
5. *The Maastricht 2007, ESG Seminar*, “On the economics of corporate social responsibility”, September 21, 2007, at the Department of Economics and Finance, University of Maastricht.
6. *Workshop on Corporate Social Responsibility and Socially Responsible Investing*, organizer Tommy Lundgren, Umeå, Sweden, November 16, 2007. “A model of corporate social responsibility”.
7. *CERE workshop on environmental and resource economics*, Oct 2008, Umeå, Sweden, “A model of corporate social responsibility”
8. MISTRA’s Workshop on Sustainable Investments, Gothenburg, Sweden, May 7, 2009. “Environmental policy, environmental performance, and profitability”.
9. Ammarnäs first workshop on environmental and resource economics 2010. Organizer Tommy Lundgren/CERE. Presentation: “Climate policy, environmental performance, and impact on firms”.
10. Ammarnäs 2nd workshop on environmental and resource economics 2011. Co-organizer.

Invited presentations - university, faculty, and department level

1. “Voluntary Environmental Investments”, October 8, 1999, at the Department of Agricultural and Resource Economics, University of California Berkeley, USA.
2. “Swedish CO₂-Emissions 1900-2010: An Exploratory Note”, presented March 15, 2002, at the Department of Economics, University of Calgary, Alberta, Canada.
3. “The Determinants of Economic Growth in the Swedish Mountain Region - the Role of the Forest Industry, the Tourism Sector, and Protected Land,” presented at:
 - Department of Economics, University of Umeå, Sweden. (December 17, 2004)
 - Department of Economics, University of Otago, Dunedin, New Zealand. (July 29, 2005)
4. “Swedish Industry and Kyoto – An Assessment of the Effects of the European CO₂ Emission Permit Trading System”, presented at the Swedish Institute for Economic Research (Konjunkturinstitutet), March 2006.

5. “Environmental policy, environmental performance, and profitability”, IEEF Seminar at Faculty of Economics and Business, Groningen University, NL, April 29, 2009.
6. “Biofuels, the Climate, and Economics”, May 14, 2009, Department of Economics, Swedish University of Agricultural Sciences, Uppsala, Sweden.
7. “Bioenergy, Policy, and Climate Economics”, invited to speak at the 50th anniversary of Beijing Forestry University, College of Economics and Management, October 18, 2009.
8. “Environmental Policy and Efficiency Among Firms”, lecture/seminar given at Beijing Forestry University, College of Economics and Management, June 2010.
9. “Climate policy and impact on firms”. Invited speaker at department of economics, University of Otago, Dunedin, August 29, 2011.
10. “Climate policy and impact on firms”. Invited speaker at University of Las Palmas, Dept of Applied Economics, December 12, 2011.

Expert in governmental investigations and consulting

1. (2002) Economic consequences of early commitment in climate policy: the case of Swedish Green House Gas emissions, Ministry of Industry, FlexMex2.
2. (2003) Voluntary agreements in environmental policy, Ministry of Industry, FlexMex2.
3. (2003) Experiences from emissions trading in Denmark, Ministry of Industry, FlexMex2.
4. (2004) Kyoto and the manufacturing industry – factor demand modeling and impact analysis, Swedish Institute for Growth Policy Studies (ITPS), and Ministry of Industry.
5. (2005/2006) Effects on Swedish industry of changes in energy taxation system, Swedish Institute for Growth Policy Studies (ITPS), and Ministry of Industry.
6. (2006) The forest sector and the proposed tax on road transport – what can factor demand modeling elasticities tell us? Swedish Institute of Economic Research (KI).
7. (2006/2007) Swedish Industry and a proposed tax on road transport – a regional perspective, Swedish Environmental Protection Agency (SEPA) and TRANSEK.
8. (2008/2009) An evaluation of intensive methods in forest management (Möjligheter till intensivodling av skog), Ministry of Agriculture and Swedish Environmental Protection Agency (Jo 2008/1885). (co-authored with R. Brännlund, O. Carlén, and P. Marklund)
9. (2011) The effects on energy intensive industry of electricity price increases due to an increase in green certificates for renewable energy. Swedish Energy Authority.
10. (2011) Commenting on cost-benefit analysis of changes in the monitoring system of electricity consumption. The Energy Markets Inspectorate.
11. (2012) The effect of transport taxes on society. Report for Centre for Transport Studies. Vinnova-project (PI Matts Andersson, WSP). Joint collaboration WSP, SLU, VTI, KTH, SU.

Referee service

Energy Economics, Energy Journal, Environmental and Development Economics, Environmental and Resource Economics, European Review of Agricultural Economics, Finnish Economic Papers, International Journal of Innovation and Sustainable Development, Journal of Environmental Economics and Management, Journal of Forest Economics, Natural Resource Modeling, Resource and Energy Economics, Sustainable Development, Tillväxtpolitisk Utsikt (ITPS).

Editorial work

Member of the editorial board of

The Open Environmental Sciences.

Prizes and awards

1. Kungliga Skytteanska samfundet (the Royal Skytteanska Society) prize to promising young researcher in environmental economics, May 2004. Jury motivation: *“Tommy Lundgren is a promising young researcher who already established himself in the area of environmental economics, both nationally and internationally, by publishing articles in various prominent international peer-reviewed scientific journals”*.
2. The Globe Award (2008). As a member of the research group **Sustainable Investment Research Platform, SIRP, at Umeå School of Business** (www.sirp.se), selected as winner of the *Best CSR Research* (corporate social responsibility research) *“for an outstanding and tangible research in the field of CSR”*. The prize was handed out by Her Royal Highness and Crown Princess Victoria Bernadotte.

Brief description of past and current projects

1. *The determinants of investment in the Swedish forest industry, 1996-1998*. Classical investment analysis of Swedish forest industry data, both aggregate and firm level. Wallander/Hedelius fund, Handelsbanken. (with Bengt Kriström).
2. *Environmental investments – applications to the Swedish forest industry, 1998 - 2001*. Principal investigator. Wallander/Hedelius fund, Handelsbanken. Modeling of the “green” firm, both theory and empirics (with Bengt Kriström).
3. *Swedish timberland investments – assessment of investment performance, 2001 – 2002 (FORMAS)*. (with Peichen Gong) Evaluation of Swedish timberland as an investment vehicle. Financial econometrics methods used to analyze timberland returns, its characteristics, and relation to other investments alternatives.
4. *The MountainMistra project, 2003-2006*. The research concerns regional economics and development in the Swedish mountain region. Methods used in analysis: social accounting matrix (SAM) and regional growth modeling and empirics. Principal investigator for one of three theoretical frameworks (measuring regional welfare), and also

- principal researcher in sub-project concerning economic trends and economic development, in the Swedish mountain area.
5. *Taxing waste incineration and the effects of a kilometer tax, 2005 – 2006*. Principal investigator. The royal Swedish academy of agriculture and forestry, KSLA. Seed money to investigate data status to possibly start up bigger project. (with Magnus Sjöström, National Institute of Economic Research).
 6. *Direct and indirect effects of environmental policy on the Swedish forest sector, 2006-2008* (FORMAS). Principal investigator (with Bengt Kriström). 1) Building a CGE-model of the forest sector, and 2) dynamic factor demand modeling of the Swedish industry and the forest sector. Policy impact analysis.
 7. *The significance of transport costs in Swedish Forest Industry, 2006 – 2007*. Effects on factor demand in Swedish manufacturing of a kilometer tax on heavy vehicles. (Joint project with Magnus Sjöström and Henrik Hammar, National institute of economic research, KI)
 8. *Sustainable Investment Research Platform (SIRP), 2006-2012*. MISTRA financed. Umeå School of Business and Economics (USBE). Principal investigator on sub-project concerning research on corporate social responsibility and environmental performance in Swedish industry. Theoretical modeling and empirical analysis using the economics/finance toolbox. For more information and output, see www.sirp.se .
 9. *Bioenergy, the Climate, and Economics, 2008-2011* (FORMAS). Principal investigator. The economics of biofuels and the effects on climate and welfare of societies. CGE modeling and theoretical dynamic growth modeling with emphasis on environmental and climate issues associated with the increasing use of bioenergy.
 10. *Impact of energy and environmental policy on sustainable development and competitiveness in Swedish industry, 2011-2013* (Energimyndigheten – the Swedish Energy agency). Principal investigator. Empirical investigation of productivity using state-of-the-art performance measurement techniques. For more information and output, see www.sustainableindustry.se .