

## CURRICULUM VITAE. ÅSA LÖFGREN, PhD.

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January 2022.

<b>Name</b>	Löfgren, Åsa
<b>Current Position</b>	Lecturer, Associate Professor
<b>Date of Birth</b>	July 3, 1972
<b>Citizenship</b>	Swedish
<b>Address (work)</b>	University of Gothenburg, Department of Economics, Box 640 SE-405 30 Gothenburg
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<b>Department web page</b>	<a href="https://www.gu.se/en/about/find-staff/asalofgren">https://www.gu.se/en/about/find-staff/asalofgren</a>
<b>Sustainable Future Policy Lab web page</b>	<a href="https://sfplab.org/?cat=691219218">https://sfplab.org/?cat=691219218</a>



## Professional Profile

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### Current employment, appointments and board membership

- Associate Professor and Lecturer (Docent and Lektor), Department of Economics, University of Gothenburg, 2011- ongoing.
- Member of the Environment for Development (EfD) Board (Enhetsråd). Period: 2022-01-01 - 2024-12-31
- Elected council member of the European Association of Environmental and Resource Economists (EAERE). Period: January 2022-01 - 01-2025-12-31
- Elected member of the Faculty Board of the School of Business, Economics and Law, University of Gothenburg. Period: 2021-07-01 - 2024-06-30
- Member of the Advisory Council of the Swedish Energy Agency. January 2021 – December 2023.
- Member of the Reväst Advisory Board 2020-ongoing
- Chair of the steering committee for the UGOT Centre for Collective Action Research (CeCAR) 2016-ongoing.

### Previous positions, appointments and board membership

- Deputy Head of Department, Department of Economics, University of Gothenburg 2018-2019.
- Expert in the committee reviewing a phase out of fossil fuel in the Swedish transport sector. In Swedish: Utredningen om utfasning av fossila drivmedel och förbud mot försäljning av nya bensin- och dieseldrivna bilar (Dir. 2019:106). 2020- 2021

- Member of the World Council of Environmental and Resource Economists Associations (WCEREA). 2019-2021.
- Member of the Swedish Climate Policy Council (Klimatpolitiska rådet). 2018-2020.
- Member of the Referee Panel Humanities and Social Sciences, Research Council of Norway 2017.
- Member of council for integrating sustainability in education at the School of Business, Economics and Law, University of Gothenburg. 2013– 2019.
- Scientific director for the Mistra Indigo Research Program 2012-2016.
- Member of the research advisory board (miljöforskningsråd) of the Swedish Environmental Protection Agency (Naturvårdsverket). 2012- 2015.
- Assistant Head of Department and Director of Studies (viceprefekt med ansvar för grundutbildningen), Department of Economics, 2011-2016.
- Member of the board of GAME (Göteborg Action for Management of the Environment). Representing University of Gothenburg. 2010-2014
- Member of the Advisory Board of the Centre for Environment and Sustainability, Gothenburg (GMV, Göteborgs miljövetenskapliga Centrum). 2010-2012
- Coordinator and responsible for the Environmental Sustainability Specialization, Graduate School, School of Business, Economics, and Law, 2010-2011.
- Coordinator and responsible for the Masters Program Master in Environmental Management and Economics, 2009-2011.
- Assistant professor (Biträdande lektor), Department of Economics, University of Gothenburg, 2009-2011.
- Director of studies (studierektor) the Environmental social science programme, University of Gothenburg, 2003-2004
- Post doc/researcher, Department of Economics, University of Gothenburg, 2003-2009.
- PhD Candidate, Department of Economics, University of Gothenburg, 1996-2003.

### **Degrees**

- Associate professor (docent) in economics, University of Gothenburg, 2011.
- PhD in economics, University of Gothenburg, 2003.
- Bachelor in Economics, University of Gothenburg, 1996

### **Visiting Scholar**

- April 2015 visiting scholar at the Resources for the Future, 1616 P Street, NW Washington DC 20036, phone: +1 202 328 5000.
- April 2008 visiting scholar at the Resources for the Future, 1616 P Street, NW Washington DC 20036, phone: +1 202 328 5000.

- November 2000 to February 2001 visiting scholar at the Resources for the Future, 1616 P street, NW Washington DC 20036, phone: +1 202 328 5000.

## Publications

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### Research articles

- A37. Johansson, M., D. Langlet, O. Larsson, Å. Löfgren, N. Harring, S. C. Jagers. 2021. "A Risk framework for optimising policies for deep decarbonisation technologies", *Energy Research & Social Science*, 82, 102297.
- A36. Löfgren, Å., J. Rootzén. 2021. "Brick by brick: Governing industry decarbonization in the face of uncertainty and risk", *Environmental Innovation and Societal Transitions*, 40, 189-202.
- A35. Bastos Lima M. G., Harring N., Jagers S. C., Löfgren Å., Persson M., Sjöstedt M., Brülde B., Langlet D., Steffen W., Alpizar F. 2021. "Large-scale collective action to avoid an Amazon tipping point - key actors and interventions", *Current Research in Environmental Sustainability*, 3, 100048.
- A34. Carlsson, F., Kataria, M., Krupnick, A., Lampi, E., Löfgren, Å., Qin, P., Sterner, T., and Yang, X. 2021. "The Climate Decade: Changing Attitudes on Three Continents", *Journal of Environmental Economics and Management*, 107, 102426.
- A33. Harring, N., Jagers, S.C., & Löfgren, Å. 2021. "COVID-19: Large-scale collective action, government intervention, and the importance of trust", *World Development*, Vol. 138, February 2021, 105236.
- A32. Fischer Carolyn, Leonie Reins, Dallas Burtraw, David Langlet, Åsa Löfgren, Michael Mehling, Harro van Asselt, Stefan Weishaar, Lars Zetterberg, & Kati Kulovesi. 2020. "The Legal and Economic Case for an Auction Reserve Price in the EU Emissions Trading System". 26 Colum. J. Eur. L. 1. *Columbia Journal of European Law* Spring, 2020.
- A31. Löfgren, Å., K. Nordblom. 2020. "A theoretical framework of decision making explaining the mechanisms of nudging". *Journal of Economic Behavior and Organization*, 174, 1-12.
- A30. Jagers, S.C., Harring, N., Löfgren, Å. et al. 2020. On the preconditions for large-scale collective action. *Ambio* 49, 1282–1296 <https://doi.org/10.1007/s13280-019-01284-w>
- A29. Boräng, F., Felgendreher, S., Harring, N., Löfgren, Å. 2019. "Committing to the Climate: A Global Study of Accountable Climate Targets", *Sustainability*, 11, 1861. doi:10.3390/su11071861.
- A28. Sterner, Thomas, Edward B. Barbier, Ian Bateman, Inge van den Bijgaart, Anne-Sophie Crépin, Ottmar Edenhofer, Carolyn Fischer, Wolfgang Habla, John Hassler, Olof Johansson-Stenman, Andreas Lange, Stephen Polasky, Johan Rockström, Henrik G. Smith, Will Steffen, Gernot Wagner, James E. Wilen, Francisco Alpizar, Christian Azar, Donna Carless, Carlos Chávez, Jessica Coria, Gustav Engström, Sverker C. Jagers, Gunnar Köhlin, Åsa Löfgren, Håkan Pleijel, Amanda Robinson. 2019. "Policy Design for the Anthropocene", *Nature Sustainability*, Volume 2, pp.14-21.
- A27. Löfgren, Å, Burtraw D, Wråke M, and Malinovskaya, A. 2018. "Distribution of Allowance Asset Values and the Use of Auction Revenues in the EU Emissions Trading System", *Review of Environmental Economics and Policy*, Volume 12, Issue 2, pp. 284–303.
- A26. Felgendreher, S, Löfgren, Å. 2018. "Higher education for sustainability: can education affect moral perceptions?" *Environmental Education Research*, 24:4, pp. 479-491 .
- A25. Löfgren, Å., Wråke, M., Hagberg, T., and Roth, S. 2014 "Why the EU ETS needs reforming: an empirical analysis of the impact on company investments" *Climate Policy*, Volume 14, Issue 5, pp. 537-558.

- A24. Carlsson, F., Kataria, M., Krupnick, A., Lampi, E., Löfgren, Å., Qin, P., and Sterner, T. 2013. "The Truth, the Whole Truth, and Nothing but the Truth A Multiple Country Test of an Oath Script", *Journal of Economic Behavior & Organization*, Volume 89, pp.105-121.
- A23. Carlsson, F., Kataria, M., Krupnick, A., Lampi, E., Löfgren, Å., Qin, P., and Sterner, T. 2013. "A Fair Share: Burden-Sharing Preferences in the United States and China", *Resource and Energy Economics*, Volume 35, Issue 1, pp.1-17.
- A22. Hasson, R., Löfgren, Å., and Visser, M. 2012. "Treatment Effects of Climate Change Risk on Mitigation and Adaptation Behavior in an Experimental Setting", *South African Journal of Economics*, Volume 80, Issue 3, pp. 415-430.
- A21. Carlsson, F., Löfgren, Å., and Sterner, T. 2012. "Discrimination in Scientific Review - A natural field experiment on blind versus non-blind review", *The Scandinavian Journal of Economics*, Volume 114, Issue 2, pp. 500-519.
- A20. Carlsson, F., Kataria, M., Krupnick, A., Lampi, E., Löfgren, Å., Qin, P., Chung, S., and Sterner, T. 2012. "Paying for Mitigation: A Multiple Country Study", *Land Economics*, Volume 88, Issue 2, pp.326-340.
- A19. Wråke, M., Burtraw, D., Löfgren, Å., and Zetterberg, L. 2012. "What Have We Learnt from the European Union's Emissions Trading System?", *AMBIO*, Volume 41, Issue 1, pp. 12-22.
- A18. Anthonsen, M., Löfgren, Å., Nilsson, K., and Westerlund, J. 2012. "Effects of Rent Dependency on Quality of Government", *Economics of Governance*, Volume 13, Issue 2, pp. 145-168.
- A17. Löfgren, Å., Martinsson, P., Hennlock, M., and Sterner, T. 2012. "Are experienced people affected by a pre-set default option—Results from a field experiment", *Journal of Environmental Economics and Management*, Volume 63, pp.66–72.
- A16. Carlsson, F., Kataria, M., Lampi, E., Löfgren, Å., and Sterner, T. 2011. "Is Fairness Blind? -The effect of framing on preferences for effort-sharing rules", *Ecological Economics*, Volume 70, Issue 8, pp. 1529-1535.
- A15. Hasson, R., Löfgren, Å., and Visser, M. 2010. "Climate Change in a Public Goods Game - Investment Decision in Mitigation versus Adaptation", *Ecological Economics*, Volume 70, Issue 2, pp. 331–338.
- A14. Carlsson, F., Garcia, J., and Löfgren, Å. 2010. "Conformity and the demand for environmental goods", *Environmental and Resource Economics*, Volume 47, Issue 3, pp. 407-421.
- A13. Coria, J., Löfgren, Å., and Sterner, T. 2010. "To Trade or Not to Trade: Firm-Level Analysis of Emissions Trading in Santiago, Chile", *Journal of Environmental Management*. Volume 91, Issue 11, November 2010, pp. 2126-2133.
- A12. Löfgren, Å. and Muller, A. 2010. "Swedish CO2 Emissions 1993 - 2006 -- An Application of Decomposition Analysis and Some Methodological Insights", *Environmental and Resource Economics*, Volume 47, Issue 2, pp. 221-239.
- A11. Jagers, S.C., Löfgren, Å., and Stripple, J. 2010. Attitudes to personal carbon allowances: political trust, fairness and ideology. *Climate Policy*, Vol. 10(4), pp. 410-431, September 2010.
- A10. Hammar, H., Löfgren, Å. 2010 "Explaining adoption of end-of-pipe solutions and clean technologies - Determinants of firms' investments for reducing emissions to air in four sectors in Sweden", *Energy Policy*, Vol.38 (7), pp. 3644-3651, 2010.
- A9. Löfgren, Å. and Nordblom, K. 2010. "Attitudes towards CO2 taxation – Is there an Al Gore effect?", *Applied Economics Letters*, Vol. 17(9), June 2010.

- A8. Löfgren, Å. and Nordblom, K. 2009. "Puzzling tax attitudes and labels", *Applied Economics Letters*, Vol. 16(18), pp. 1809-1812.
- A7. Löfgren, Å., Millock, K., and Nauges, C. 2008. "The Effect of Uncertainty on Pollution Abatement Investments: Measuring Hurdle Rates for Swedish Industry", *Resource and Energy Economics*, Vol. 30, no. 4 (December), pp.475-491.
- A6. Hammar, H and Löfgren, Å. 2008. "Vad tycker svenska folket om koldioxidskatten på bensin?" *Ekonomisk Debatt*, 2008, vol. 36, no., pp. 28-43. (In Swedish).
- A5. Löfgren, Å and Hammar, H. 2006. "The Variability of Environmental Protection Expenditures between Sectors in Sweden", *European Environment*, no.16, p.246-257.
- A4. Carlsson, F. and Löfgren, Å. 2006. Airline Choice, Switching Costs and Frequent Flyer Programs, *Applied Economics*, Volume 38, No 13, pp. 1469-1475(7).
- A3. Hammar, H, Löfgren, Å., and Sterner, T. 2004. "Political Economy Obstacles to Fuel Taxation", *Energy Journal*, no. 3, 2004.
- A2. Hammar, H. and Löfgren, Å. 2001. "The Determinants of Sulfur Emissions from Oil Consumption in Swedish Manufacturing Industry, 1976-1995", *Energy Journal*, Vol. 22, no. 2, May 2001, p.107-126
- A1. Löfgren, Å. and Hammar, H. 2000. "The Phase Out of Leaded Gasoline in the EU countries A Successful Failure?" *Transportation Research Part D, Transport and Environment*, Vol. 5D, No. 6, November 2000, p.419-431

#### **Reports, columns, opinion pieces, and other non-peer reviewed publications**

- R21. Löfgren Å., Burtraw D, Sterner T., Zetterberg L. 2021. Phasing out fossil fuel in the Swedish transport sector: reflections on the potential role of fuel standards and emissions trading, *Mistra Carbon Exit Policy Brief*.
- R20. Carlsson, F., Kataria, M., Lampi, E., Löfgren, Å., Sterner, T. Debattartikel "Ökat stöd för kraftfull klimatpolitik". Publicerad 2021-01-19 i Svenska Dagbladet <https://www.svd.se/okat-stod-for-kraftfull-klimatpolitik>
- R19. Carlsson, F., Å. Löfgren, and K. Nordblom. 2020. Grön nudge som miljöpolitiskt styrmedel. SNS Analys nr.69, December 2020.
- R18. Carlsson Jagers, Sverker, Åsa Löfgren, Will Steffen & Thomas Sterner. Policy design for the Anthropocene. Blog post "After the paper" for Nature Sustainability <https://sustainabilitycommunity.springernature.com/posts/policy-design-for-the-anthropocene-bbdf5c88-940b-4671-af4a-e75e79662aa7>. Published November 17, 2020.
- R17. Burtraw D. and Å. Löfgren. 2020. Evolution of market design for emissions trading – economic theory meets real world. EAERE Magazine No 9, Summer 2020. <https://www.eaere.org/magazine/>
- R16. DN Debatt 13/15 2020. "Regeringens krispolitik måste rymmas i klimatramverket".
- R15. Swedish Climate Policy Council Report 2020 <https://www.klimatpolitiskaradet.se/en/rapport-2020/>
- R14. Löfgren Å., Burtraw D, Keyes A. 2020. Decarbonizing the Industrial Sector - The Potential for Ambitious EU Member States to Use Flexible Performance Standards to Strengthen Carbon Price Signals, *Resources for the Future Report 20-03*.

- R13. Löfgren Å., Sterner, T. 2019. Turning short-term climate policies into long-term gains. *Nordic Investment Bank*, 3 December 2019. Accessed from [https://www.nib.int/who\\_we\\_are/news\\_and\\_media/articles/3375/turning\\_short-term\\_climate\\_policies\\_into\\_long-term\\_gains](https://www.nib.int/who_we_are/news_and_media/articles/3375/turning_short-term_climate_policies_into_long-term_gains)
- R12. Löfgren A., Sterner, T. Preparing tomorrow's leadership for climate change. *Ambition – The monthly magazine of the associations of MBAs (AMBA)*. December 2019/January 2020 issue. Page 13-14. Accessed from: <http://edition.pagesuite-professional.co.uk/html5/reader/production/default.aspx?pubname=&pubid=ab024a17-98ea-423e-9493-941fa6d33ad0&pnum=13>
- R11. Comment on B. Carlén and B. Kriström: Are Climate Policies in the Nordic Countries Cost-Effective? in Calmfors, Lars, et al. *Nordic Economic Policy Review 2019: Climate Policies in the Nordics*. Nordic Council of Ministers, 2019. Download: <10.6027/Nord2019-012>
- R10. Swedish Climate Policy Council Report 2019 <https://www.klimatpolitiskaradet.se/arsrapport-2019/>
- R9. Swedish Climate Policy Council Report 2018 <https://www.klimatpolitiskaradet.se/arsrapport/>
- R8. Burtraw D., Fischer C., Grennfelt P., Löfgren Å., Sterner T., Wråke M., and Zetterberg L. 2015. *Climate Policy Options and Consequences in the International Spotlight - A Report for Industry on the Implications of Domestic Policy Design and Global Negotiations*. Mistra Indigo.
- R7. *Studenternas syn på hållbar utveckling - En kartläggning av det första året på programutbildningarna, ht13/vt14*. 2015. Handelshögskolans råd för hållbar utveckling. [http://handels.gu.se/digitalAssets/1530/1530056\\_studenternas-syn-p---h--llbar-utveckling.pdf](http://handels.gu.se/digitalAssets/1530/1530056_studenternas-syn-p---h--llbar-utveckling.pdf)
- R6. *Hållbar utveckling i Handelshögskolans program - en kartläggning under 2014*. 2015. Handelshögskolans råd för hållbar utveckling. [http://handels.gu.se/digitalAssets/1530/1530055\\_h--llbar-utveckling-i-handelsh--gskolans-program.pdf](http://handels.gu.se/digitalAssets/1530/1530055_h--llbar-utveckling-i-handelsh--gskolans-program.pdf)
- R5. Burtraw D., Löfgren Å., Zetterberg L. 2013. *A Price Floor Solution to the Allowance Surplus in the EU ETS*. Mistra Indigo Policy Paper no.4, December 2013.
- R4. Gipperth, L., Löfgren, Å., Sandoff, A., Sundemo, M. 2012. *Att förvalta ansvaret att utbilda nästa generations Handelshögskolestudenter*. Report written for the Dean of the School of Business, Economics and Law, University of Gothenburg.
- R3. Coria, J., Hennlock, M., Löfgren Å., Persson, M., Söderholm, P., Sterner, T., Wråke, M. 2010. *The Progress of GHG Markets: Opportunities and Risks*, Gothenburg Environmental Economics Report, September 2010.
- R2. Löfgren, Å., Ådahl, A., Axelsson, E. 2007. *Framtida biobränslepriser – prisbildning under olika klimatåtaganden*, Biokombi Rya - Slutrapporter från ingående delprojekt, Report – CEC 2007:3.
- R1. Hammar, H., Löfgren, Å., and Sterner, T. 2001. *NO<sub>x</sub> taxes*, Chapter 5 in Study on the Economic and Environmental Implications of the Use of Environmental Taxes and Charges in the European Union and its Member States, Draft Final report to DG ENV Contact Ref: 34-3040/99/74628/MAR/B2.

### Book chapters

- B7. "Decoupling: Is there a Separate Contribution from Environmental Taxation" (with Adrian Muller and Thomas Sterner). Chapter in *Handbook of Research on Environmental Taxation*, edited by J. E. Milne, M. Skou Andersen, Edward Elgar Publishing. 2013.

- B6. "Klimaträttvisa i Sverige – vad är politiskt möjligt?". Kapitel i *Sverige i nytt klimat - våtvarm utmaning*, Formas Fokuserar, pp. 45-55, 2010.
- B5. "Utmaningen – forskare om en hållbar mänsklighet", Pocketerad Populärvetenskap, Vetenskapsrådet, 2008.
- B4. "EU:s klimatpolitik från ett välfärdsperspektiv – kostnadseffektivitet, fördelningseffekter och upplevd rättvisa" (med Olof Johansson-Stenman), in the book "The Global Climate Threat as a Challenge to the EU", Europapolitik 2008, 2008.
- B3. "Framtidens energisystem – vikten av att välja rätt styrmedel". Kapitel i *Bioenergi – till vad och hur mycket?*, Formas Fokuserar, pp. 351-362, 2007.
- B2. "Framtida biobränslepriser – prisbildning under olika klimatåtaganden", Biokombi Rya - Slutrapporter från ingående delprojekt, Report – CEC 2007:3. (med A. Ådahl och E. Axelsson), 2007.
- B1. "The Phase-Out of Leaded Gasoline: The European Experience" (with Henrik Hammar), 2004. Book chapter 10 in *Choosing Environmental Policy: Comparing Instruments and Outcomes in the U.S. and Europe*, RFF Press.

### Working Papers

- W33. Bastos Lima, Mairon G. and Harring, Niklas and Jagers, Sverker C. and Löfgren, Åsa and Persson, Martin and Sjøstedt, Martin and Brülde, Bengt and Langlet, David and Steffen, Will and Alpizar, Francisco, Large-Scale Collective Action to Avoid an Amazon Tipping Point – Key Actors and Interventions (November 1, 2020). CeCAR Working Paper Series No. 9, Available at SSRN: <https://ssrn.com/abstract=3739307> or <http://dx.doi.org/10.2139/ssrn.3739307>
- W32. Carlsson, F., Kataria, M., Krupnick, A., Lampi, E., Löfgren, Å., Qin, P., Sterner, T., and Yang, X. (2020). "The Climate Decade: Changing Attitudes on Three Continents", Working Papers in Economics no 786, Department of Economics, University of Gothenburg. (<http://hdl.handle.net/2077/64514>) or download as RFF WP 21-02 <https://www.rff.org/publications/working-papers/the-climate-decade-changing-attitudes-on-three-continents/>
- W31. Carolyn Fischer, Leonie Reins, Dallas Burtraw, Åsa Löfgren, Michael Mehling, Stefan Weishaar, Lars Zetterberg, Harro van Asselt, Kati Kulovesi. (2019). "The legal and economic case for an auction reserve price in the EU emissions trading system", CESifo Working Paper no 7903.
- W30. Löfgren, Å., Nordblom, K. (2019). "A theoretical framework explaining the mechanisms of nudging", Working Papers in Economics no 754, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W29. Jagers S. C., Harring N., Löfgren Å., Sjøstedt M., Alpizar F., Brülde B., Langlet D., Nilsson A., Almroth B. C., Dupont S., & Steffen W. (2019). "On the Preconditions for Large-Scale Collective Action". CeCAR Working Paper Series 2019:1. ([https://cecar.gu.se/digitalAssets/1717/1717752\\_cecar-wp1-final.pdf](https://cecar.gu.se/digitalAssets/1717/1717752_cecar-wp1-final.pdf))
- W2.8 Felgendreher, S, M. Hennlock, Å. Löfgren, C. Wollbrant (2018). "Environmental investment decisions: experimental evidence of team versus individual decision making", Working Papers in Economics no 719, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).

- W27. Hennlock, M, Å. Löfgren, T. Sterner, P. Martinsson (2018). "Emissions Trading Subject to Kantian Preferences", Working Papers in Economics no 718, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W26. Hennlock, M Löfgren, Å, Wollbrant, C (2017). "Prices versus Standards and Firm Behavior: Evidence from an Artefactual Field Experiment", Working Papers in Economics no 687, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W25. Löfgren, Å, Burtraw D, Wråke M, and Malinovskaya. (2015). "Architecture of the EU Emissions Trading System in Pahse 3 and the Distribution of Allowance Asset Values", RFF Discussion Paper 15-45.
- W24. Löfgren, Å., Wråke, M., Hagberg, T., Roth, S. (2013) "The Effect of EU-ETS on Swedish Industry's Investment in Carbon Mitigating Technologies", Working Papers in Economics no 565, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W23. Andersson, D., Löfgren Å., Widerberg, A. (2011). "Attitudes to Personal Carbon Allowances", Working Papers in Economics no 505, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W22. Hjerpe, M., Löfgren, Å., Linnér, B., Hennlock, M., Sterner, T., Jagers, S. C. (2011). "Common ground for effort sharing? Preferred principles for distributing climate mitigation efforts", Working Papers in Economics no 491, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W21. Muller, A., Löfgren, Å., Sterner, T. (2011). "Decoupling: Is there a Separate Contribution from Environmental Taxation", Working Papers in Economics no 486, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W20. Carlsson, Kataria, Krupnick, Lampi, Löfgren, Qin, Sterner, and Chung (2010). "The Truth, the Whole Truth, and Nothing but the Truth - A Multiple Country Test of an Oath Script", Working Papers in Economics no 473, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W19. Carlsson, Kataria, Krupnick, Lampi, Löfgren, Qin, Sterner, and Chung (2010). "A Fair Share : Burden-Sharing Preferences in the United States and China", Working Papers in Economics no 471, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W18. Carlsson, Kataria, Krupnick, Lampi, Löfgren, Qin, Chung, and Sterner (2010). " Paying for Mitigation: A Multiple Country Study", Working Papers in Economics no 447, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W17. Carlsson, Kataria, Lampi, Löfgren, and Sterner (2010). "Is Fairness Blind? -The effect of framing on preferences for effort-sharing rules", Working Papers in Economics no 437, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W16. Carlsson, Löfgren and Sterner (2009). "Discrimination in Scientific Review - A natural field experiment on blind versus non-blind review". *Working Papers in Economics no 419*, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W15. Löfgren, Martinsson, Hennlock and Sterner (2009). "Does experience eliminate the effect of a default option? - A field experiment on CO2-offsetting for air transport", *Working Papers in Economics no 391*, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).

- W14. Coria, Löfgren and Sterner (2009). "To Trade or Not to Trade: Firm-Level Analysis of Emissions Trading in Santiago, Chile", *Working Papers in Economics no 390*, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W13. Hasson , Löfgren, and Visser (2009). "Climate Change in a Public Goods Game - Investment Decision in Mitigation versus Adaptation", EFD-Discussion Paper 0923 and *Working Papers in Economics no 416*, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W12. Anthonsen, Löfgren and Nilsson (2009). "Natural Resource Dependency and Quality of Government", *Working Papers in Economics no 415*. Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W11. Jagers, Stripple and Löfgren (2009). "Individual Carbon Trading : A survey of the Swedish public support of an individual carbon trading scheme". *Working Papers in Economics no 360*, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W10. Löfgren and Muller (2008). "Swedish CO2 Emissions 1993 - 2006 -- An Application of Decomposition Analysis and Some Methodological Insights", *Working Papers in Economics no 311*, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W9. Carlsson, Garcia and Löfgren (2008). "Conformity and the demand for environmental goods" *Working Papers in Economics no 286*, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>).
- W8. Hammar and Löfgren (2007) "Explaining adoption of end-of-pipe solutions and clean technologies - Determinants of firms' investments for reducing emissions to air in four sectors in Sweden", Working Paper 102, National Institute of Economic Research (Konjunkturinstitutet), resubmission to Energy Economics December 2009.
- W7. Löfgren, Millock, and Nauge (2007). "Using Ex Post Data to Estimate the Hurdle Rate of Abatement Investments – An Application to the Swedish Pulp and Paper Industry and Energy Sector", *Working Papers in Economics no 249*, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>)
- W6. Löfgren and Nordblom (2006). "Puzzling Tax Attitudes and Labels", *Working Papers in Economics no 234*, Department of Economics University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>)
- W5. Löfgren and Nordblom (2006). "The Importance of Habit Formation for Environmental Taxation", *Working Papers in Economics no 204*, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>)
- W4. Carlsson, and Löfgren (2004). "Airline Choice, Switching Costs and Frequent Flyer Programs", *Working Papers in Economics no 123*, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>)
- W3. Löfgren (2003). "Habit Formation in the Environmental Quality: Dynamic Optimal Environmental Taxation", *Working Papers in Economics no 92*, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>)
- W2. Löfgren (2003). "The Effect of Addiction on Environmental Taxation in a First and Second-best world", *Working Papers in Economics no 91*, Department of Economics, University of Gothenburg. (<http://swopec.hhs.se/gunwpe/>)

W1. Hammar, Löfgren and Sterner (2003). "Political Economy Obstacles to Fuel Taxation", *EEU Working Paper 2003*:, Department of Economics, University of Gothenburg.

**Thesis**

Environmental Taxation – Empirical and Theoretical Applications, Economic Studies, Department of Economics, School of Economics and Commercial Law, Göteborg University, No. 121.

ISBN 91-88514-80-3. (For full-text version see <http://www.handels.gu.se/epc/>).

## Teaching and supervision

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### Academic pedagogical leadership

- *Assistant Head of Department and Director of Studies* (viceprefekt med ansvar för grundutbildningen), Department of Economics, 2011-2016.
- Coordinator and responsible for the *Environmental Sustainability Specialization*, Graduate School, School of Business, Economics, and Law, 2010-2011.
- Coordinator and responsible for the Masters Program *Master in Environmental Management and Economics*, 2009-2011.
- Director of studies (studierektor) the *Environmental social science programme*, University of Gothenburg, 2003-2004

### Courses

- Lecturer on *Inclusive Green Economy in Practice for Senior Civil Servants and Policy Makers – A Capacity Building Programme* funded by Sida, 2021.
- Lecturer on *The Public Sector Innovation Programme – Capacity building on Inclusive Green Economy* funded by Svenska Institutet, 2020 and 2021
- Undergraduate economics – Applied economics 2019-2020
- Executive MBA, course in Applied Economics, School of Business, Economics and Law, University of Gothenburg, 2010-2018, 2020, 2021.
- Course coordinator, lecturer and developer of the masters course “Topics in Environmental Economics” 2016, University of Gothenburg.
- Course coordinator, lecturer and developer of the masters course “Managing social dilemmas in theory and practice” 2007- 2011, University of Gothenburg.
- Undergraduate Macroeconomics, 2002-2003, University of Gothenburg.
- Undergraduate (bachelors level) Environmental Economics, 1998-2005, University of Gothenburg.
- Course coordinator and lecturer on undergraduate (bachelors level) Environmental Economics 2009-2011, 2014 – 2018, University of Gothenburg.
- Environmental Economics for environmental science students, 1999-2000, 2002-2003, 2006-2007, University of Gothenburg.
- Short course in environmental economics, 2003 CATIE (Costa Rica).
- Short course in policy instruments, Chalmers University of Technology, 2003.

### Supervision

#### *PhD supervision*

- Jens Ewald, Department of Economics, University of Gothenburg. 2020-ongoing.
- Mattias Sundemo, Department of Economics, University of Gothenburg. 2021-ongoing.
- Simon Felgendreher, Department of Economics, University of Gothenburg, 2014-2018. Title of thesis: *Essays on behavioral economics and the effects of the colonial rule on*

*Java*, ISBN: 978-91-88199-33-1.

- Markus Wråke, Department of Economics, Environmental Management and Economics, University of Gothenburg, 2008-2009. Title of the thesis: *European Energy Policy in Transition: Critical Aspects of Emissions Trading*, ISBN 978-91-85169-42-9.
- Jorge Garcia, Department of Economics, University of Gothenburg, 2005-2007. Title of the thesis: *Essays on Asymmetric Information and Environmental regulation through Disclosure*, ISBN 91-85169-16-1.
- Åsa Marbe, Chalmers University of Technology (Assistant supervisor) 2004-2005. Title of the thesis: *New Opportunities and System Consequences for Biomass Integrated Gasification Technology in CHP Applications*.

#### *Undergraduate and Master supervision*

- Lina Andersson. 2015. *Time to Degree, GPA v. SweSAT*, Undergraduate Thesis (Kandidatuppsats), Department of Economics, University of Gothenburg.
- Katarina Gerefalk and Emelie Pauli. 2012. *Congestion charging in Stockholm and Gothenburg: will Gothenburg have the same success story as Stockholm?*, Undergraduate Thesis (Kandidatuppsats), Department of Economics, University of Gothenburg.
- Sandra Andersson. 2012. *Behavioral economics applicability to the energy efficiency gap*, Masters Thesis, Department of Economics, University of Gothenburg.
- Josefin Carlsson and Åsa Wikner. 2011. *Consumer preferences for eco- and fair trade clothes in Gothenburg – A contingent valuation study*, Masters Thesis (Magisteruppsats), Department of Economics, University of Gothenburg.
- Bilal Qureshi and Hannes Sonnsjö. 2011. *SECURITIZING ENERGY - An Integrated Approach Towards a Secure Energy System*, Masters Thesis, Graduate School, University of Gothenburg.
- Mai Dinh Quy. 2011. *The Effect of the Gasoline Tax on Carbon Emissions in Sweden*, Masters Thesis, Graduate School, University of Gothenburg.
- Nining Widiyati. 2011. *Willingness to Pay to Avoid the Cost of Intermittent Water Supply: A Case Study of Bandung, Indonesia*, Masters Thesis, Graduate School, University of Gothenburg.
- Martin Brink. 2010. *Carbon leakage*, Undergraduate Thesis (Kandidatuppsats), Department of Economics, University of Gothenburg.
- Sandra Andersson. 2010. *Att tränga igenom till folket - en studie om effekterna av framing vid införandet av det ekonomiska styrmedlet trängselskatt*, Undergraduate Thesis (Kandidatuppsats), Department of Economics, University of Gothenburg.
- Tomas Hagberg and Susanna Roth. 2010. *Trading with Carbon: Technological Trends in Swedish Industries from a Climate Perspective*, Masters Thesis, Department of Economics, University of Gothenburg.
- David Andersson. 2009. *Exploring the potentials of a personal carbon trading scheme*, Masters Thesis, Department of Economics, University of Gothenburg
- Johan Telleus. 2008. *TEOREMA En studie och ett experiment om bidragsnivåer till en kollektiv vara under inkomstskillnad*, Masters Thesis, Department of Economics,

University of Gothenburg.

- Anna Mellin and Hanna Rydhed. 2008. *An Assessment of CO2 Differentiated Port Dues*, Masters Thesis, Department of Economics, University of Gothenburg.
- Karin Jonson and Anna Lock. 2006. *Absolute levels VS ranking- A study of consumers' marginal willingness to pay for environmentally friendly produced coffee*, Masters Thesis, Department of Economics, University of Gothenburg.
- Ida Rosengren and Fredrik Svartengren. 2004. *Utsläppsrätt får inte bli fel – en studie av olika tilldelningsmetoder under Kyotoprotokollets handelssystem*, Masters Thesis, Department of Economics, University of Gothenburg.

## Service to the profession

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### Reviewer

Ambio, Climate Policy, Ecological Economics, Energy Journal, Energy Policy, Energy Research & Social Science, Environmental and Resource Economics, International Review of Environmental and Resource Economics, Journal of Economic Dynamics and Control, Journal of Economic Behavior & Organization, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Public Economics, Journal of Sustainable Finance and Investment, Management Science, Nature Climate Change, Nordic Economic Policy Review, Oxford Economic Papers, Resource and Energy Economics, Scandinavian Journal of Economics, Utilities Policy, World Development.

### Conference organizer

- Chief Operating Officer for the 6th World Congress of Environmental and Resource Economists 2018. For a video about the congress visit [https://play.gu.se/media/t/0\\_tn5i9ofe](https://play.gu.se/media/t/0_tn5i9ofe)
- Co-organizer of the WCERE pre-conference "Supply and Demand of Environmental Economic Policy Advice" and leader of the "Social cost of carbon: which number to use?" workshop. 2018.
  - About the pre-conference: <http://www.eaere-conferences.org/index.php?y=2018&p=95>
  - Summaries of the pre-conference workshops: [http://www.eaere-conferences.org/doc/upload/Workshops\\_WCERE\\_Pre\\_Conference\\_20180607\\_webb\\_20180608110313.pdf](http://www.eaere-conferences.org/doc/upload/Workshops_WCERE_Pre_Conference_20180607_webb_20180608110313.pdf)
- Co-Organizer of the conference Looking Ahead toward Paris: International Perspectives on National Commitments - Signals from the European Union, the United States, and China. A policy dialogue hosted via a partnership between the Embassy of Sweden, Resources for the Future, and Mistra's Indigo research program. Washington DC. 21'st of April 2015.
- Co-Organizer of the conference "What is the Value of Being First?", San Francisco, California, May 7'th 2013. Partnership between Resources for the Future, and Mistra's Indigo research program. Perspectives from the California and Sweden Experiences
- Member of the scientific committee and local organizer committee of the 16'th Annual EAERE conference, European Association of Environmental and Resource Economists, Gothenburg University, June 25-28 2008.
- Organizer of the Clipore pre-conference "Critical Aspects of the Post 2012 EU Climate Policy", Gothenburg University, 25'th of June 2008.

- “Environmental Implications of Market-based Policy Instruments”, Göteborg November 20-21, 1997. Co-organized with Henrik Hammar and Thomas Sterner. The conference was a part of the Research Network on Market-Based Instruments for Sustainable Development, funded by the European Commission’s DGXII under its Environment and Climate RTD programme.

#### **Expert Evaluations for Academic Positions**

- Review of candidates for Assistant Professor in Economics (biträdande universitetslektor), Linköping University, 2021.

#### **Grading Committee and External Opponent**

- Member of grading committee doctoral dissertation for Ruiie Tian, Department of Economics, University of Gothenburg, September 2021.
- Member of grading committee doctoral dissertation for Samson Mukanjari, Department of Economics, University of Gothenburg, January 2020.
- Member of grading committee doctoral dissertation for Emil Persson, Department of Economics, University of Gothenburg, June 2016.
- Member of grading committee doctoral dissertation for Katarina Östberg, Swedish University of Agricultural Sciences, Umeå, June 2016
- Member of grading committee doctoral dissertation for Mohamed-Reda Moursli, Department of Economics, University of Gothenburg, September 2015.
- Member of grading committee doctoral dissertation for Marijane Jonsson, Department of Business Administration, Stockholm School of Economics, September 2015.
- Member of grading committee doctoral dissertation for Gabriella Schaad, Department of Business Administration, University of Gothenburg, December 2012.
- Member of grading committee doctoral dissertation for Olle Hage, Division of Economics, Luleå University of Technology, February 2008.
- Member of grading committee doctoral dissertation for Daniel Johansson, Department of Physical Resource Theory, Chalmers University of Technology, May 2007
- External opponent licentiate thesis for Fredrik Pettersson, Division of Economics, Luleå University of Technology, December 2005.

## Honors, Board Memberships, Committees, and Prizes

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- Member of the Environment for Development (EfD) Board (Enhetsråd). The Board has an advisory function with focus on strategic issues including funding. Period: 2022-01-01 – 2024-12-31
- Elected council member of the European Association of Environmental and Resource Economists (EAERE). For more info about the mission of EAERE: <https://www.eaere.org/mission-and-activities/>. Period: January 2022-01 – 01-2025-12-31
- Elected member of the Faculty Board of the School of Business, Economics and Law, University of Gothenburg. The Faculty Board is responsible for strategic planning, overall governance, and the quality assurance of education, research and cooperation (outreach) activities of the School. Period: 2021-07-01 – 2024-06-30
- Member of the Advisory Council of the Swedish Energy Agency. The Advisory Council is appointed by the Government and advises the Director General. 2021-01-14 – 2023-12-31
- Expert in the committee reviewing a phase out of fossil fuel in the Swedish transport sector. In Swedish: Utredningen om utfasning av fossila drivmedel och förbud mot försäljning av nya bensin- och dieseldrivna bilar (Dir. 2019:106). 2020- 2021
- Member of the Reväst Advisory Board 2020-ongoing
- Member of the World Council of Environmental and Resource Economists Associations (WCEREA). 2019-2021.
- Member of the Swedish Climate Policy Council (Klimatpolitiska rådet). 2018-2020.
- Member of the referee panel Humanities and Social Sciences, Research Council of Norway 2017.
- Member of the research advisory board (miljöforskningsråd) of the Swedish Environmental Protection Agency (Naturvårdsverket). 2012- 2015.
- Member of the board of GAME (Göteborg Action for Management of the Environment). Representing University of Gothenburg. 2010-2014
- Member of the Advisory Board of the Centre for Environment and Sustainability, Gothenburg (GMV, Göteborgs miljövetenskapliga Centrum). 2010-2012
- Member of council for integrating sustainability in education at the School of Business, Economics and Law, University of Gothenburg. 2013– 2019.
- Pedagogical prize of University of Gothenburg, 2003, Environmental Economics

## Scholarship and Received Research Grants

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- Funding from **Vetenskapsrådet** (VR): Nudges and boosts as policy instruments - understanding behavioral interventions (part of *core application writing team*, main applicant Katarina Nordblom): Time period: 2022-2024, amount: 4.6 million SEK.
- **Mistra** funding for the Mistra Carbon Exit research program phase II (Part of the *core application writing team and main applicant from GU/NEK*): Time period 2021-2024, amount to GU/NEK: 7.5 million SEK. For more information about the research program: <http://www.mistra.org/forskning/pagaende-forskning/mistra-carbon-exit.html>
- Funding from **Formas** (*main applicant*): Bridging the policy gap to materialize deep decarbonization. *Main applicant*. Time period 2021-2024, amount: 9.9 million SEK.
- Funding from **Energimyndigheten** (*main applicant*): Preferences for climate policies among Swedish, Chinese, and American citizens. Time period: 2019-2021, amount: 5.5 million SEK.
- **Mistra** funding for the Mistra Carbon Exit research program (part of the *core application writing team and main applicant from GU/NEK*): time period 2017-2020, amount to GU/NEK: 6 million SEK. For more information about the research program: <http://www.mistra.org/forskning/pagaende-forskning/mistra-carbon-exit.html>
- Part of the *core writing team* and group of principle investigators that received funding for the **UGOT Centre** for Collective Action Research (CeCAR) 2016-2021 from University of Gothenburg. For more information about the research program: <http://cecar.gu.se/>
- **Mistra** funding for the Mistra Indigo research program: time period 120101-160331 amount: 25 million SEK in total. For more information about the research program: <http://indigo.ivl.se/>
- Part of the group that received funding from **Formas Starka Forskningsmiljöer** for the research program: Human Cooperation to Manage Natural Resources (COMMONS). Period: 110101-151231.
- Fulltime Post-Graduate funding from **Mistra's** Climate Policy Research Program (CLIPORE): time period 060101-101231 amount: 4 million SEK.
- **Formas**: time period: 090101-111231 amount: 2 430 000 SEK, together with Fredrik Carlsson, Elina Lampi and Mitesh Kataria.
- **Gothenburg Energy** (Göteborg Energi), time period: 060101-080331 amount: 600 000.
- **The Swedish Energy Agency**: time period: 030301-040831 amount: 412 500 SEK, time period: 060101-070228 amount: 78 000 SEK .
- **The Royal Swedish Academy of Sciences** (KVA): 90 000 in year 2004.
- **Adlerbertska forskningsfonden**: 40 600 SEK in year 2000, 75 000 SEK in year 2003.
- **Knut och Alice Wallenberg stiftelse**: 5000 SEK in year 2000.