

Curriculum vitae

ROLE IN THE PROJECT

Project manager Work package leader
Project partner Other (specify) Key researcher in WP.3

PERSONAL INFORMATION

*Family name, First name:	Holtmark, Bjart		
*Date of birth:	05.12.1956	*Sex:	Male
*Nationality:	Norwegian		

HIGHER EDUCATION/OTHER TRAINING

	Subjects/degree/	Name of institution, country
1986	Cand. Oecon.	University of Oslo, Department for Economics
2016	Dr. philos.	University of Oslo, Department for Economics

POSITIONS (academic, business, industry, public sector, national or international organisations)

Current Position

2002-	Senior Research Fellow, Statistics Norway
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Previous positions held (list)

2000-2001	Assistant Director General, Tax Department, Norwegian Ministry of Finance
1995-1999	Senior Research Fellow, CICERO
1990-1994	Research Fellow, Statistics Norway
1988-1989	Executive Officer, Planning Department, Norwegian Ministry of Finance
1986-1987	Research fellow, University of Oslo, Department for Economics

PUBLICATIONS

- Publications, technical reports, peer-review assignments, etc.
- Presentations at workshops or conferences (national/international level)
- Positions in professional associations / networks

EXTERNAL AFFILIATIONS

Research Network Member to the Ifo Institute and Centre for Economic Studies at the University of Munich.

AWARDS

The Sören Wibe Prize for the best article in *Journal of Forest Economics* 2014-2015.

DISSERTATION

Holtsmark, B. (2016) Seven essays on policies and international cooperation to abate emissions of greenhouse gases. Faculty of Social Sciences, University of Oslo.

ARTICLES IN INTERNATIONAL JOURNALS WITH PEER REVIEW

1. Malcolm, J. R., Holtsmark, B., & Piascik, P. W. (2020). Forest harvesting and the carbon debt in boreal east-central Canada. *Climatic Change*. doi:10.1007/s10584-020-02711-8
2. Holtsmark, B., & Weitzman, M. L. (2020). On the Effects of Linking Cap-and-Trade Systems for CO₂ Emissions. *Environmental and Resource Economics*, 75(3), 615-630. doi:10.1007/s10640-020-00401-8
3. Searchinger, Timothy D., Tim Beringer, Bjart Holtsmark, Daniel M. Kammen, Eric F. Lambin, Wolfgang Lucht, Peter Raven, and Jean-Pascal van Ypersele. 2018. "Europe's renewable energy directive poised to harm global forests." *Nature Communications* 9:3741. doi: 10.1038/s41467-018-06175-4.
4. Holtsmark, B. (2015). A comparison of the global warming effects of wood fuels and fossil fuels taking albedo into account. *GCB Bioenergy*, 7, 984-997.
5. Holtsmark, B. (2015) Quantifying the global warming potential of CO₂-emissions from wood fuels. *GCB Bioenergy*, 7(2), 195-206.
6. Holtsmark, B., & Skonhoft, A. (2014). The Norwegian support and subsidy policy of electric cars. Should it be adopted by other countries? *Environmental Science & Policy*, 42, 160-168.
7. Holtsmark, B. (2013). Boreal forest management and its effect on atmospheric CO₂. *Ecological Modelling*, 248(0), 130-134.
8. Hoel, M., B. Holtsmark (2012) Haavelmo on the Climate Issue. *Nordic Journal of Political Economy* 37, article 5.
9. Holtsmark, B. (2013). The outcome is in the assumptions: analyzing the effects on atmospheric CO₂ levels of increased use of bioenergy from forest biomass. *GCB Bioenergy*, 5(4), 467-473.
10. Hoel, M., Holtsmark, B., & Holtsmark, K. (2014). Faustmann and the climate. *Journal of Forest Economics*, 20 (2), 192-210.
11. Haberl, H., Schulze, E.-D., Körner, C., Law, B. E., Holtsmark, B., & Luysaert, S. (2013). Response: complexities of sustainable forest use. *GCB Bioenergy*, 5(1), 1-2.
12. Holtsmark, B., & Sommervoll, D. E. (2012). International emissions trading: Good or bad? *Economics Letters*, 117(1), 362-364.
13. Hovi, J., Greaker, M., Hagem, C., & Holtsmark, B. (2012). A credible compliance enforcement system for the climate regime. *Climate Policy*, 12(6), 741-754.
14. Holtsmark, B. (2012). Harvesting in boreal forests and the biofuel carbon debt. *Climatic Change*, 112(2), 415-428.
15. Godal, O., & Holtsmark, B. (2011). Permit Trading: Merely an Efficiency-Neutral Redistribution away from Climate-Change Victims? *The Scandinavian Journal of Economics*, 113(4), 784-797.

16. Hagem, C., Holtsmark, B., (2011). Is the clean development mechanism compatible with an ambitious climate agreement? *Environmental Economics* 2, 24-35.
17. Røgeberg, O. J., S. Andresen, B. Holtsmark (2010). International climate treaties: The case for pessimism. *Climate Law* 1, 177-197.
18. Asheim, G. B., & Holtsmark, B. (2009). Renegotiation-Proof Climate Agreements with Full Participation: Conditions for Pareto-Efficiency. *Environmental and Resource Economics*, 43(4), 519-533.
19. Holtsmark, B., (2006). Are global per capita CO₂-emissions likely to remain stable? *Energy & Environment* 17 2, 207 - 219.
20. Hovi, J., & Holtsmark, B. (2006). Cap-and-trade or carbon taxes? The feasibility of enforcement and the effects of non-compliance. *International Environmental Agreements: Politics, Law and Economics*, 6(2), 137-155.
21. Holtsmark, B., & Alfsen, K. H. (2005). PPP Correction of the IPCC Emission Scenarios – Does it Matter? *Climatic Change*, 68(1-2), 11-19.
22. Holtsmark, B., & Alfsen, K. H. (2004). The use of PPP or MER in the construction of emission scenarios is more than a question of “metrics”. *Climate Policy*, 4(2), 205-216.
23. Holtsmark, B. (2003). Russian behaviour in the market for permits under the Kyoto Protocol. *Climate Policy*, 3(4), 399-415.
24. Holtsmark, B., & Mæstad, O. (2002). Emission trading under the Kyoto Protocol—effects on fossil fuel markets under alternative regimes. *Energy Policy*, 30(3), 207-218.
25. Godal, O., & Holtsmark, B. (2001). Greenhouse gas taxation and the distribution of costs and benefits: the case of Norway. *Energy Policy*, 29(8), 653-662.
26. Ringius, L., Torvanger, A., & Holtsmark, B. (1998). Can multi-criteria rules fairly distribute climate burdens?: OECD results from three burden sharing rules. *Energy Policy*, 26(10), 777-793.

ARTICLES PUBLISHED IN NORWEGIAN JOURNALS WITH PEER REVIEW

27. Holtsmark, B.: Elektrifisering av veitransport – miljøeffekter og kostnader. Kommert i *Samfunnsøkonomen*.
28. Hagem, C., og B. Holtsmark: Er det noen fremtid for CDM-ordningen? *Samfunnsøkonomen* 5/2008, 10-18.
29. Holtsmark, B., 2007: Internasjonalt klimasamarbeid. Hvorfor skjer det så lite? *Økonomisk forum* 5 2007.
30. Holtsmark, B. og K H. Alfsen , 2004. Kyoto-protokollen - et mislykket prosjekt? *Internasjonal politikk* 62 3, 413-433. (ISSN 0020-577x)
31. Holtsmark, B., 1999. Kostnadseffektiv klimapolitikk med doble gevinster. *Norsk Økonomisk Tidsskrift* 113 1, 49-70. (ISSN 0801-9568)
32. Hovi, J. and B. Holtsmark, 1998. Betingete standpunkter i klimaforhandlingene. *Norsk Statsvitenskapelig Tidsskrift* 14 4, 353-374.
33. Holtsmark, B., 1993. Når etterkrigsbarna blir alderspensjonister. Befolkningsutviklingen og folketrygden i et makroøkonomisk perspektiv. *Norsk Økonomisk Tidsskrift* 107, 41-66. (ISSN 0039-0720)
34. Holtsmark, B., 1993. Skatter, avgifter og eksternaliteter – en kommentar til Haakon Vennemo. *Norsk Økonomisk Tidsskrift* 107, 205-220. (ISSN 0039-0720)

35. Holtsmark, B., 1988. Underskudd på driftsregnskapet og fast valutakurs: Betyr det en høy eller en stigende rente? *Sosialøkonomen* 3 1988: 21—23.
36. Hoel, M. and B. Holtsmark, 1987. Europas gassmarked som et forhandlingsmarked. *Sosialøkonomen* nr 8 1987:20—25.

ARTICLES BOOKS

37. Holtsmark, B. (2015) Is Increased Use of Biofuels from Forests a Good Idea? In P. E. Stoknes and K. Eliassen (ed): Science Based Activism. Festschrift to Jorgen Randers (2015), Ch 15, p 293-309.
38. Holtsmark, B. (2013) International cooperation on climate change: why is there so little progress? Chapter 13 in R. Fouquet (ed) Handbook on Energy and Climate Change. Edward Elgar.
39. Holtsmark, B., Befolkning, ressurser og klima. Artikkel i årbok for Det Norske Videnskapsakademi 2009.
40. Hagem, C. and B. Holtsmark, 2004, The Kyoto Protocol - Insignificant Impact on Global Emissions, in V. Grover (ed.), Climate Change: Perspectives Five Years After Kyoto". Science Publishers Inc., USA.
41. Holtsmark, B., 2004: Beskatning av småforetak. I Robert Pålsson (red): Årbok for Nordisk skatteforskning 2004, side 153-170
42. Holtsmark, B., 2001: Norsk generalrapport. Om skattekonkurranse. I Robert Pålsson (red): Årbok for Nordisk skatteforskning 2001, side 37-48.
43. Holtsmark, B. and Ottar Mæstad, 2001, "The Kyoto Protocol and the fossil fuel markets under different emission trading regimes", 334-360, in E. Hope, L. Melamed and M. Lychagin (ed.): *Electricity Economics*. Publishing House of the Siberian Branch of the Russian Academy of Sciences, Russia. (Translated/slightly revised version of Holtsmark and Mæstad (2002).)
44. Vislie, J., B. Holtsmark, M. Hoel (1990) The European gas market as a bargaining game. In O. Bjerkholt and Ø. Olsen: Recent Modelling Approaches in Applied Energy Economics. Chapman and Hall, London.

ARTICLES IN INTERNATIONAL MAGAZINES

45. Holtsmark, B., 2004. Misleading critique of the Intergovernmental Panel on Climate Change. Royal Economic Society's Newsletter April 2005

REPORTS/NOTES ETC

46. Holtsmark, B. (2017) Multinomial logit estimation of transition probabilities for workers in government sector, municipal sector, private sector with and without contractual pensions (AFP) and self-employed. Documents 32/2017. Statistisk sentralbyrå.
47. Holtsmark, B., & Bjertnæs, G.H.M (2015). The size of the marginal cost of public funds (MCF). Rapport 2015/13. Statistisk sentralbyrå.
48. Holtsmark, B., Virkningen på klimagassutslipp ved økt bruk av biodrivstoff – en litteraturgjennomgang. Rapport no 44/2010. Statistisk sentralbyrå.
49. Holtsmark, B. and Kyrre Aamdal, 1992. Makroøkonomiske konsekvenser av befolkningsutviklinga. Attachment to NOU 1992:1 *Trygghet – Verdighet – Omsorg*.

