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EDUCATION

- PhD in Economics, Department of Economics, University of Copenhagen, December 2017. Dissertation: "R&D-Based Economic Growth, Directed Technical Change, and Environmental Policy". Assessment committee: Charles I. Jones (Stanford Graduate School of Business), John Hassler (IIES, Stockholm University), and Peter Birch Sørensen [Committee Chair] (University of Copenhagen). Supervisor: Christian Groth.
- Visiting researcher, Tilburg Sustainability Center, Tilburg University, January 2016 – June 2016. Visiting Sjak Smulders.
- Master of Economics, Department of Economics, University of Copenhagen, December 2014. Dissertation: "Growth Effects of Environmental Policy, when Production and Abatement Technologies are Embodied in Separate Intermediates". Dissertation nominated for the Zeuthen Prize of 2015.
- Exchange Student, University of California, San Diego, September 2012 – June 2013. Courses included graduate courses in macroeconomics, international trade, and public economics.
- Bachelor of Economics, Department of Economics, the University of Copenhagen, Summer 2012.

FIELDS OF CONCENTRATION

- Economic Growth
- Environmental Economics
- Macroeconomics

Research outputs

A coordination failure between EU climate policies exemplified by the North Sea energy island
Kruse-Andersen, Peter Kjær & Jacobsen, M. S., 2024, (Accepted/In press) In: Climate Policy.

Optimal carbon taxation in EU frontrunner countries: coordinating with the EU ETS and addressing leakage
Kruse-Andersen, Peter Kjær & Sørensen, Peter Birch, 2024, In: Climate Policy.

Directed technical change, environmental sustainability, and population growth
Kruse-Andersen, Peter Kjær, Oct 2023, In: Journal of Environmental Economics and Management. 122, 24 p., 102885.

Carbon leakage in a small open economy: The importance of international climate policies
Beck, U. R., Kruse-Andersen, Peter Kjær & Stewart, L. B., Jan 2023, In: Energy Economics. 117, 14 p., 106447.

Climate policy in the shadow of national security
Kruse-Andersen, Peter Kjær, Jan 2023, In: Economics Letters. 222, 3 p., 110923.

Testing R&D-Based Endogenous Growth Models
Kruse-Andersen, Peter Kjær, 2023, In: Oxford Bulletin of Economics and Statistics. 85, 5, p. 1083-1110

Optimal energy taxes and subsidies under a cost-effective unilateral climate policy: Addressing carbon leakage
Kruse-Andersen, Peter Kjær & Sørensen, Peter Birch, 2022, In: Energy Economics. 109, 105928.

Optimal Unilateral Climate Policy with Carbon Leakage at the Extensive and the Intensive Margin
Kruse-Andersen, Peter Kjær & Sørensen, Peter Birch, Jul 2021, CESifo.

Endogenizing the Cap in a Cap-and-Trade System: Assessing the Agreement on EU ETS Phase 4

Beck, U. R. & Kruse-Andersen, Peter Kjær, 2020, In: Environmental and Resource Economics. 77, p. 781–811

Optimal Energy Taxes and Subsidies under a Cost-Effective Unilateral Climate Policy: Addressing Carbon Leakage

Kruse-Andersen, Peter Kjær & Sørensen, Peter Birch, 27 Nov 2019, SSRN: Social Science Research Network, 37 p. (CESifo Working Papers; No. 7920).

Comment on B. Carlén and B. Kriström: Are Climate Policies in the Nordic Countries Cost-Effective?

Kruse-Andersen, Peter Kjær, 2019, In: Nordic Economic Policy Review. 2019, 12, p. 148-151

Endogenizing the cap in a cap-and-trade system: Assessing the agreement on EU ETS phase 4

Beck, U. R. & Kruse-Andersen, Peter Kjær, 2018, De Økonomiske Råd, 37 p.

Directed Technical Change and Economic Growth Effects of Environmental Policy

Kruse-Andersen, Peter Kjær, 2016, 37 p. (University of Copenhagen. Institute of Economics. Discussion Papers (Online); No. 16-06).

CONFERENCES, WORKSHOPS, AND EXTERNAL PRESENTATIONS

- The Danish Environmental Economic Conference 2022, Skodsborg, August 25-26, 2022.
- Presentation at the Department of Economics, Swedish University of Agricultural Sciences, Uppsala (online), April 20, 2022.
- 36th Annual Congress of the European Economic Association [EEA-2021], Copenhagen (online), August 23-27, 2021.
- 26th Annual Conference of the European Association of Environmental and Resource Economists [EAERE-2021], Berlin (online), June 23-25, 2021.
- Presentation at Potsdam Research Seminar in Economics (online), May 4, 2021.
- Presentation at OsloMet, Oslo (online), November 5, 2020.
- Conference on Sustainable Resource Use and Economic Dynamics 2020 [SURED-2020], Ascona (online), October 19-22, 2020.
- 35th Annual Congress of the European Economic Association [EEA-2020], Rotterdam (online), August 24 – 27, 2020.
- 25th Annual Conference of the European Association of Environmental and Resource Economists [EAERE-2020], Berlin (online), June 23 – July 3, 2020.
- CBS Inequality Platform's 1st First Workshop on Climate Change and Inequality, Copenhagen, November 7-8, 2019.
- Third Nordic Annual Environmental and Resource Economics (NAERE-2019) Workshop, Copenhagen, April 11-12, 2019.
- Emissions Trading: Which Way Forward (Conference), Paris, March 2019.
- Nordic Economic Policy Review Conference on Climate Policy and the Nordics, Stockholm, October 24, 2018.
- International Workshop Frontiers in Climate Change Economics, Copenhagen, October 4-5, 2018.
- The Danish Environmental Economic Conference 2018, Skodsborg, August 23-24, 2018.
- Conference on Sustainable Resource Use and Economic Dynamics [SURED-2018], Ascona, June 2-7, 2018.
- 23rd Annual Conference of the European Association of Environmental and Resource Economists [EAERE-2017], Athens, June 28 – July 1, 2017.
- 5th International Symposium on Environment and Energy Finance Issues [ISEFI-2017], Paris, May 22-23 2017.
- DGPE Annual Workshop, Middelfart, Fall 2016.

- The Danish Environmental Economic Conference 2016, Skodsborg, Fall 2016.
- Nordic Summer Symposium in Macroeconomics 2016, Ebeltoft, Summer, 2016.
- Conference on Sustainable Resource Use and Economic Dynamics (SURED 2016), Banyuls-sur-Mer, Summer 2016.
- QED Jamboree 2016, University of Amsterdam, Spring 2016.
- Macro Reading Group, Tilburg University, Spring 2016.
- TSC seminar, Tilburg Sustainability Center (TSC), Tilburg University, Spring 2016.
- DGPE Annual Workshop, Sandbjerg Gods, Sønderborg, Fall 2015.
- Macro Workshop, Department of Economics, University of Copenhagen, Fall 2015.
- The Danish Environmental Economic Conference 2015, Skodsborg, Fall 2015.
- Public Economic Theory Association Conference (PET15), Luxembourg, Summer 2015.
- DGPE Annual Workshop, Nyborg, Fall 2014.