

Johannes Mauritzen

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PERSONAL

Born July 21, 1982
Norwegian Citizen

Languages

Norwegian and English: Native
German: Beginner

Fields of interest

Energy Economics, Business Economics, Empirical Finance, Natural Resource and Environmental Economics, Applied Statistics/Econometrics, Industrial Organisation

PUBLICATIONS

Peer Reviewed

The Other Renewable: Hydropower Upgrades and Renewable Portfolio Standards. With Stein-Erik Fleten and Carl Ulrich. The Energy Journal, Forthcoming

Cost, Contractors and Scale: An Empirical Analysis of the California Solar Market
The Energy Journal, Vol. 38, No. 6.

The Effect of Oil Prices on Field Production: Evidence from the Norwegian Continental Shelf
Oxford Bulletin of Economics and Statistics, Volume 79, Issue 1, February 2017, pages 124-144.

How electricity price spikes can help overcome the energy efficiency gap
Economics Letters, Vol. 134, September 2015, Pages 114-117.

Now or Later? Trading wind power closer to real-time and how poorly designed subsidies lead to higher balancing costs
The Energy Journal, Vol. 36, No. 4, 2015

The Decision to Scrap a Wind Turbine: Policy changes, scrapping incentives and why wind turbines in good locations get scrapped first
The Energy Journal, Vol. 35, No. 2, 2014.

Dead Battery? Wind Power, the Spot Market, and Hydropower Interaction in the Nordic Electricity Market
The Energy Journal, Vol. 34, No. 1, 2013

Conference Proceedings

What Happens When it's Windy in Denmark? How Wind Power Affects Price Variability in the Nordic Electricity Market
IAEE International Conference, Stockholm, June 2011
Student Paper Award Recipient

Sun and Lemons: Getting over Information Asymmetries in the California Solar Market
Allied Social Sciences Associations Conference in Boston, January 2015

Real-time Versus Day-ahead Market Power in a Hydro-based Electricity Market
With Thomas Tangerås
IAEE International Conference, Antalya, May 2015

Lease or Buy? A Bayesian model of quality differences in California solar panels
Conference Proceedings, IAEE International Conference, Bergen, June 2016

Working Papers

The Other Renewable: Investment in Hydropower and Renewable Portfolio Standards

With Stein-Erik Fleten and Carl Ulrich

Revise and resubmit, The Energy Journal

REPORTS AND ANALYSIS

En verden med billig solkraft Hva betyr solenergirevolusjonen, Norsk Klimastiftelsen nr 5/2015

PUBLICATIONS IN POPULAR PRESS

Car trouble. The Economist, letters, March 25th, 2017

Nothing paradoxical about Norwegian policies. Financial Times, letters, May 10th, 2016

The Norwegian model. The Economist, letters, October 24th, 2015

An outdated view of wind turbines. Financial Times, letters, July 3rd, 2015.

The attractiveness of electric cars has little to do with the price of oil. Financial Times, letters, January 21st, 2015.

Technology, jobs and urbanisation. The Economist, letters, February 8th, 2014.

Too generous to Norway. The Economist, letters, February 16th, 2013.

Electric cars are being mass-produced. Financial Times, letters, November 5th, 2012.

Europe should let China subsidize its energy production. Financial Times, Letters, September 11th, 2012.

In Norwegian

Strømkabler til Europa vil vre bra for Norge. Sysla, May 8th, 2017.

Midtbyen burde bli mer som et shoppingcenter. Adresseavisen, March 1st, 2017.

Powerhouse er den type grep som byen trenger Adresseavisen, January 18th, 2017

Serieproduksjon skaper energirevelosjon. Sysla, May 10th, 2016

Strømkundene slipper å blø. Adresseavisen, April 20th, 2016.

Derfor fant republikanerne og demokratene sammen. Sysla, February 12th, 2016.

Byen er redskapet for bekjempe klimaendring. Sysla, December 1st, 2015.

God samfunnskonomi fra MDG. Dagens næringsliv, September 21st, 2015.

Derfor blir solenergi billigere. Sysla, August 20th, 2015.

Køprising skal gjre vondt Bergens Tidende, April 27th 2015

Derfor faller oljeprisen Bergens Tidende, January 19th, 2015

Billig Klimaforsikring Bergens Tidende, January 6th, 2015

Mytene om høye bygg Bergens Tidende, November 6th, 2014

Den absurde skattepolitikken Bergens Tidende, September 8th, 2014

Sykkelpartiet Høyre Bergens Tidende, August 4th, 2014.

Dyr symbolpolitikk Bergens Tidende, June 7th, 2014.

En lysere sykkelfremtid Bergens Tidende, May 7th, 2014.

Rene investeringer Bergens Tidende, April 5th, 2014.

Livet etter oljen Bergens Tidende, July 31st, 2013.

Bevar Bryggen, Bygg Bybanen Bergens Tidende, March 30th, 2013.

Norge er sykkelversting i Nord-Europa Aftenposten, September 20th, 2012.

Bygg Høyere!, Aftenposten August 10th, 2012.

PRESENTATIONS

- 2016** IAEE Bergen, Real Options Conference Oslo, Nordic Industrial Organisation Meeting Reykjavik.
- 2015** ASSA Boston, Umeå School of Business and economics, FIBE, UCL Department of Statistics, NTNU Department of Industrial Economics, University of Stavanger Business School, University of Aberdeen, RWTH Aachen.
- 2014** IAEE New York, IAEE Asia Conference - Beijing, Research Institute of Industrial Economics (Stockholm), Norwegian Conference for Business Economics (FIBE), Workshop on Intermittent Renewables and Market Design - Hardanger, Economics of Uncertainty Workshop - NTNU, CenSES Annual Conference, University of Neuchatel
- 2013** IAEE Dusseldorf, Research Institute of Industrial Economics, FIBE, CenSES Annual Conference
- 2012** NTNU Department of Industrial Economics, University of Southern Denmark - Esbjerg, Swedish Department of Commerce - Energy Division

RESEARCH AND WORK EXPERIENCE

Associate Professor, Department of Accounting, Auditing and Business Analytics, BI Norwegian Business School. Campus Trondheim
March 2016 -

Post-doctoral Fellow, Department of Industrial Economics and Technology Management, Norwegian University of Science and Technology.
January 2016 - February 2016.

Post-doctoral Fellow, Center for Sustainable Energy Studies, Norwegian School of Economics, Department of Business and Management Science.
January 2013 - December 2015.

Visiting researcher, Department of Statistical Science, University College London.
February - March, 2015

Research Institute of Industrial Economics (IFN), Stockholm, Sweden.

Affiliated Researcher, January 2013 to present.

Research Fellow, May 2012 to December 2012.

Guest Researcher, September to 2011 to May 2012.

Research Scholar, NHH Norwegian School of Economics, Department of Finance and Management Science. August 2008 to August 2012. Research towards Ph.D. degree. 25% teaching.

Graduate Research Assistant, Center for Reinventing Public Education, University of Washington, Seattle, WA. June 2007 to August 2008. Cleaning and analyzing longitudinal data sets related to research on charter schools. Extensive work with Stata and statistical modeling. Some field work / interviewing.

Research Analyst, Levy Forecasting Center, LLC, Mount Kisco, NY. July 2004 to June 2006. Researched macroeconomics trends in finance, capital spending, and inventories. Aided in calculating forecasts. Wrote analytical piece in monthly newsletter. Aided in drafting memos and bulletins to clients. Designed and implemented forecasting tool using Visual Basic.

TEACHING

Advisor, Bachelor Thesis in Macroeconomics, BI, Spring 2017.

Lecturer, Business Economics, BI, Fall 2016.

Lecturer, Applied Macroeconomics, BI, Fall 2016.

Lecturer, Microeconomics (with Ruud Egging), NTNU. Fall 2015.

Investment Science (part of course Project Management), NTNU. Fall 2015.

Lecturer, Bergen Summer Research School, University of Bergen. Getting started with energy and climate data analysis with R. Summer 2014.

Guest Lecturer, Environmental Economics, NHH. Non-market valuation and using the R statistical programming language. Spring 2013 and spring 2014.

Lecturer, Physics and Economics of Renewable Energy (with Jan Petter Hansen, University of Bergen), NHH. Spring 2010 and spring 2011.

Teaching Assistant: Driftsregnskap og Budsjettering (Introduction to Management Accounting and Budgeting.)

Teaching Assistant: Introduction to Microeconomics, Introduction to Macroeconomics. University of Washington, Department of Economics. Fall 2006, Spring 2007.

Norwegian Instructor, high school credit course. Concordia Language Villages, Bemidji MN. Summer 2006.

Masters thesis supervision:

Emma Micklem, NHH. *Wind Power in South Africa.*

Christopher Brenner, NHH. *Biomass and the German Energy Policy.*

Louis Magnus Pauchon, NHH. *Energy Efficiency Policy for Buildings: A comparison of Norway and France.*

Arild Huitfeldt og Torgeir Persen, NHH. *Realopsjonsanalyse av Vindkraftverk under utvikling Vil en realopsjonstilnærming forbedre verdivurderingen av et vindkraftverk under utvikling? (Will a Real-Options Approach Improve the Valuation of a Wind Park under Development?)*

Kjartan Skjæveland and Tønnes Thompson, NHH. *The End of a Long Term Relationship between the Price of Crude Oil and Natural Gas: A Cointegration Approach.*

Arve Tundal and Mari Hougsnæs, NHH. *Kostnadsanalyse: Hydro Aluminium Sunndal. En vurdering av fremtidig anodeleverandør til Hydro Aluminium Sunndal. (A Valuation of Future Anode Deliveries to Hydro Aluminium Sunndal.)*

Nikolaos Tsagkaropoulos, NHH. *Bicycle Sharing Systems, Are They Here To Stay?* Fall 2014

Ivan Paladin and Kenza Taoufik, NHH. *The Cost of Sun: The Case Study of Croatia using a Levelized Cost of Energy Approach.*

Sven Arensman, NHH. *A Bright New Day for Thermal Energy Storage in CSP.*

EDUCATION

**Ph.D. Business
Economics
August 2008 -
May 2012**

Department of Finance and Management Science
NHH Norwegian School of Economics
Bergen, Norway

**Master of Arts
August 2006 -
June 2008**

Department of Economics
University of Washington
Seattle, WA, USA

**Bachelor of Arts
August 2000 -
May 2004**

St. Olaf College
Mathematics and History Majors
Summe Cum Laude
Northfield, MN, USA

REFEREEING

Journal of Environmental Economics and Management, The Energy Journal,
Energy Economics, Journal of Energy Engineering, Journal of Sustainable Energy
Planning and Management

PROGRAMMING

R, Python, html/css, Stata, some Matlab, C++, Visual Basic

PEDAGOGICAL TRAINING

Teaching Economics, credit course, Fall 2006, Department of Economics, Univer-
sity of Washington, Seattle (with Eugene Silberberg)

Pedagogical Training Certificate, Spring 2013, NHH, (with Arild Raaheim, Uni-
versity of Bergen/NHH)