

Name: *Siri Pettersen Stranden***Nationality:** Norwegian,**Present positions:**

Professor and Head of Department, Department of Economics, Norwegian School of Economics (NHH),

Visiting Professor, Faculty of Finance, Cass Business School, City University, London

Visiting professor, Department of Transport and Regional Sciences, University of Antwerp

Education: Siviløkonom (MSc) 1973, Høyere Avdelings Eksamen (HAE) 1978; HAE thesis: "Business Cycles in the Tanker Industry"(In Norwegian), both degrees from NHH.

Key Qualifications: International Economics, Shipping and Air Transport Economics. Broad experience as member of board in finance and shipping, since 1985.

Contact details: Work +4755959254, Mobile +4799238006, siri.stranden@nhh.no

EXPERIENCE RECORD:**Former positions**

1992-2002 Associate professor in international economics, Department of Economics, NHH

1989-91 Assistant professor in shipping economics, Institute for Shipping Research, NHH.

1980-89 Researcher, Center for Applied Research, Bergen, SAF (from 1992 SNF)

Research and course management

2014-2016 Project leader *Mapping vessel behaviour and cargo flows* (CARGOMAP), financed by Norwegian Research Council

2004-2008 Project leader *Strategic implications of network organisation and macroeconomic environment for maritime logistics* (STRATNET), financed by Norwegian Research Council

1996 Acting Director for Research, Centre for International Economics and Shipping, NHH and SNF.

1992-98 Programme Director Master's in International Business (MIB) Programme, NHH.

1980-2016 Project leader for several research programmes at SNF.

Boards and committees – research related

2015-2017 Member of Expert Panel assessment of The Value of Commercial Marine Shipping to Canada, Council of Canadian Academies

2015-2016 Chair, Committee for Maritime21 An integrated strategy for research, development and innovation, appointed by the Ministry of Trade, Industry and Fisheries

2013-2017 Deputy Member of Board Norwegian School of Economics

2009-2013 Deputy Member of Board Norwegian School of Economics

2013-2014 Chairman, Committee for the E.ON Ruhrgas Academic Exchange Programme in Economics. Member since 2008.

2005-2010 Member Board for the Department of Maritime Research and Innovation, *University of Southern Denmark*

2005-2009 Chairman Board Maritime and Offshore Research (MAROFF), *Norwegian Research Council (NFR)*, member from 1996

1998-00 Member Expert group for Economics (Peer review), *Norwegian Research Council (NFR)*

1997-05 Member Board *Chr. Michelsens Institute (CMI)*; Bergen

1989-94 Member Board of *Institute of Transport Economics* (TØI); Oslo.

Boards and committees – companies and institutions

- 2016- Member, Norwegian Better Regulation Council appointed by the Ministry of Trade, Industry and Fisheries (<http://regelradet.no/in-english/>)
- 2016 - Member, Board of Directors, the Rafto Foundation for Human Rights (www.rafto.no)
- 2014 - Member of Board and Chairman of Audit and the Risk Committees, Norwegian Hull Club (Marine insurance) (www.norclub.no)
- 2009- Member, Corporate Assembly *Telenor ASA* (www.telenor.no)
Deputy member 2003-2009
- 2007-10 Member Board DnB NOR ASA (www.dnb.com)
- 2004-06 Member Board *Troms Fylkes Dampskibsselskap ASA* (TFDS) (later merged into Hurtigruten ASA <http://www.hurtigruten.com/en/>)
- 2002-06 Member Board *Bergshav Shipholding AS* (www.bergshav.com)
- 1999-2010 Member Board *Vital Forsikring ASA* (www.dnb.com)
- 1992-99 Deputy Chairman, Control Committee *Den norske Bank* (DnB), member 1990-1991
- 1992-00 Chairman, Anti-Dumping Committee of the Norwegian *Ministry of Finance*
- 1991-95 Deputy Chairman Board of the *Guaranty fund for commercial banks*.
- 1985-87 Deputy member/member Board of the *Norges Bank* (Central bank of Norway) (<http://www.norges-bank.no/>)
- 1985-89 Member Board of the *Norwegian Guarantee Institute for Export Credits* (GIEK) (www.giek.no)
- 1982 - Member of committees to evaluate
(1) the *Competitiveness of the Norwegian Shipping Industry*, (NOU 1983:7) appointed the by Ministry of Trade, (2) *Medium and Long Term Perspectives on the Norwegian Economy*, (NOU 1988:21) appointed by the Ministry of Finance, (3) *Changes in the Norwegian Export Guaranties*, (NOU 1990:31) appointed by the Ministry of Foreign Affairs, (4) *Importance of taxes, tariffs and charges for the competitiveness of the airline industry*, working group appointed by Ministry of Finance, 1999, (5) *Competition in the financial sector*, (NOU 2000:9) appointed by the Ministry of Finance, (6) *State Ownership*, (NOU 2004:7) appointed by Ministry for Trade and the Industry, (7) *High-speed rail in Norway* Assessment Study appointed by Jernbaneverket. (2012).

Teaching at NHH

- 1989- Courses in: Shipping and Offshore Markets, Shipping Economics, Shipping Risk, Maritime History and Economics, Transport and logistics, Integrated Supply Chains, International Economics, International competition, Globalisation and Integration, International Finance and Foreign Exchange Management Accounting and Decision Analysis

International research and teaching

- 1998- Member editorial board of journals; *European Research Studies* and *Maritime Economics and Logistics*.
- 1998- Member Board for Special interest group on Maritime Transport and Ports, *World Conference on Transport Research Society* (WCTRS) (1998-2004)
Member Council for *International Association of Maritime Economists* (IAME) (2000-2002) & (2010-2012) Member Scientific committee for IAME 2001, 2005-2015.

- 1997- External examiner for PhD at Technische Universiteit Delft, Molde University College, Cardiff Business School, Bodø Graduate School of Business, Erasmus University Rotterdam. Cass Business School City University, Newcastle University
- 1990- Academic visits: *University of Wales*, *Institute für Weltwirtschaft*, Kiel, *Universität Konstanz*, Konstanz, *Johannes Kepler Universität Linz*, *Humboldt-Universität zu Berlin* Berlin, *Leopold-Franzens-Universität Innsbruck*, *Universität Antwerpen* Antwerp, *Hong Kong Polytechnic University* Hong Kong, *Cass Business School City University* London, *University of Southern Denmark*, Esbjerg
- 1980- Presented several papers at international research conferences.

Consultancy work for:

The Norwegian Competition Authorities, Oslo Airport AS, Statoil ASA, COWI A/S (Denmark), Norwegian Defence Research Establishment (FFI).

Research in progress:

Jia, Haiying, Veronika Solteszova, Ove Daae Lampe, Siri P. Strandenes, Assessing port connectivity using maritime big data – the case of Norwegian ports.

(Submitted)

Alizadeh, Amir, Siri Pettersen Strandenes, and Helen Thanopoulou, Capacity adjustment decisions in the service industry under stochastic revenue: the case of the shipping industry

Brunstad, Rolf J, Kurt Jörnsten and Siri Pettersen Strandenes, Optimal regulation in a taxi market in a medium sized city with simultaneous radio-dispatches and taxi stand allocation, (Presented at the International Transportation Economics Association Annual Conference, Oslo 17-19 June 2015)

Selected publications:**Papers in international refereed journals and books.**

Jia, Haiying, Ove Daae Lampe, Veronica Solteszova, and Siri P. Strandenes (2017), An automatic algorithm for generating seaborne transport pattern maps based on AIS. *Maritime Economics and Logistics*, DOI: 10.1057/s41278-017-0075-7

Adland, Roar, Haiying Jia, Siri P. Strandenes (2017), Are AIS-based trade volume estimated reliable? The case of crude oil exports, *Maritime Policy and Management*. <http://dx.doi.org/10.1080/03088839.2017.1309470>

Thanopoulou, Helen; Strandenes, Siri Pettersen (2017) A theoretical framework for analysing long-term uncertainty in shipping. *Case Studies on Transport Policy*, <https://doi.org/10.1016/j.cstp.2017.03.008>

Adland, Roar, Haiying Jia, Siri P. Strandenes (2016), The determinants of vessel capacity utilization: The case of Brazilian iron ore exports, *Transportation Research Part A*, <http://dx.doi.org/10.1016/j.tra.2016.11.023>

Adland, Roar Os; Fonnes, Gro Anita; Jia, Haiying; Lampe, Ove Daae; Strandenes, Siri Pettersen (2017) The impact of regional environmental regulations on empirical vessel speeds. *Transportation Research Part D: Transport and Environment*; Volume 53, 37-49.

Alizadeh, Amir, Siri Pettersen Strandenes, and Helen Thanopoulou (2016), Capacity retirement in the dry bulk market: A vessel Based Logit Scrapping Model, *Transportation research part E*, 92, 28-42. DOI: [10.1016/j.tre.2016.03.005](https://doi.org/10.1016/j.tre.2016.03.005)

Thanopoulou Helen and, Siri Pettersen Strandenes (2015), Turning down the volume? The Impact of Fossil Fuel Prospects on Shipping. *Research in Transportation Business & Management*, 17, 8-13, DOI: [10.1016/j.rbtm.2015.10.005](https://doi.org/10.1016/j.rbtm.2015.10.005)

- Meersman, Hilde, Siri Pettersen Strandenes, and Eddy van de Voorde (2015), Port Pricing, in Chris Nash (ed.) *Handbook of Research Methods and Applications in Transport Economics and Policy*, London, Edward Elgar Publishing. Ch 15, p 329- 341.
- Strandenes, Siri Pettersen (2014) "Efficiency-enhancing Port Pricing Models", in Thierry Vanelslander and Christa Sys (eds.) *Port Business. Market Challenges and Management Actions*, University Press Antwerp, p 43.-60.
- Strandenes, Siri Pettersen (2013) "Freight Transport Pricing Models", in Moshe Ben-Akiva, Hilde Meersman and Eddy van de Voorde (eds.), *Freight Transport Modelling (In honor of Prof Marvin L. Manheim)*, Emerald Group Publishing , 319-334.
- Strandenes, Siri Pettersen (2013) "The Shipping Industry" in Schreiner, Axel *Textbook of Maritime Medicine 2. Ed.*, chapter 3, e-book published by the Norwegian Centre for Maritime Medicine , Bergen (NCMM) in association with the International Maritime Health Association (IMHA) available at <http://textbook.ncmm.no>
- Jiang, Liping, Erik Bastiansen and Siri Pettersen Strandenes (2013) The international competitiveness of China's shipbuilding industry, *Transportations Research Part E*, 60, 39-48
- Jiang, Liping and Siri Pettersen Strandenes (2012) " Assessing the cost competitiveness of China's shipbuilding industry, *Maritime Economics and Logistics*, Vol. 14 #4, 480-497.
- Strandenes, Siri Pettersen (2012) "Maritime Freight Markets" in Talley, Wayne K. (ed.) *The Blackwell Companion to Maritime Economics* , Blackwell Companion to Contemporary Economics, Wiley-Blackwell
- Cullinane Kevin, Siri Pettersen Strandenes and Gordon Wilmsmeier, (2010) "The best of the best from IAME 2009", editorial in *Maritime Economics and Logistics*, Vol. 12, #1, 1-7
- Strandenes, Siri Pettersen (2010) "Economics of the markets for ships" in Grammenos, Costas (ed.) *The Handbook of Maritime Economics and Business*, Lloyds of London Press, London, 2 ed., 217-234
- Ubøe, Jan, Jonas Andersson, Kurt Jørnsten and Siri Pettersen Strandenes (2009) "Modelling freight markets for coal", *Maritime Economics and Logistics*, 11, 289-301
- Adland, Roar and Siri Pettersen Strandenes (2007) "A discrete-time stochastic partial equilibrium model of the spot freight market" *Journal of Transport Economics and Policy* , Volume 41, Part 2, May, pp. 189–218
- Adland, Roar, Haiying Jia and Siri Pettersen Strandenes (2006) "Asset bubbles in shipping? An analysis of recent history in the dry bulk market", *Maritime Economics and Logistics*, 8, 223-233
- Adland, Roar and Siri Pettersen Strandenes (2006) "Market efficiency in the tanker freight market revisited", *Maritime Policy and Management*, VOL. 33, NO. 2, 107–117
- Strandenes, Siri Pettersen and Elmar Wolfstetter (2005) "Efficient (Re-)Scheduling: An Auction Approach", *Economics Letters* Vol. 89 # 2 , 2005, 187-192 .
- Strandenes, Siri Pettersen (2004) "Port Pricing Structures and Ship Efficiency", *Review of Network Economics*, Vol. 3 # 2, 135-144 <http://www.bepress.com/rne/vol3/iss2/4>
- Kind, Hans Jarle and Siri Pettersen Strandenes (2002) "Causes and effects of FDI by the Norwegian Maritime Industry" *Maritime Policy and Management*, Vol. 29 # 3, 223-239 (Co-authored with Hans Jarle Kind)
- Strandenes, Siri Pettersen and Peter Marlow (2000) "Port pricing and competitiveness in short sea shipping" *International Journal of Transport Economics*, Vol. 27 # 3, 315 - 334.
- Strandenes, Siri Pettersen (2000) "Second Order Effects for Shipping of Prohibiting TBT» *Science of the Total Environment*, Vol. 258/ 1-2, pp. 111-117

- Strandenes, Siri Pettersen (1999) «The shipbroking function and market efficiency», *International Journal of Maritime Economics*, Vol. II, 1, 17-26.
- Strandenes, Siri Pettersen (1999) «Is there a potential for a two-tier tanker market?» *Maritime Policy and Management*, Vol. 26 # 3, pp. 249-264.
- Randøy, Trond and Siri Pettersen Strandenes (1998) «The effect of public ownership and deregulation in the Scandinavian Airline Industry.» *Journal of Air Transport Management*, vol. 3 # 4, 211-215.
- Fuglseth, Anna Mette and Siri Pettersen Strandenes (1997) «NorshipS: a Decision Support System for Analysis of Bulk Shipping Markets». *Computers in Human Behavior*, Vol. 13, # 4 1997, pp 517-541.
- Strandenes, Siri Pettersen (1997) «Effects on Transport Costs of Differing Quality Requirements in Tanker Trades. Model simulations of Tanker Shipping» in A. Goulielmos (ed.), *Essays in honour and in memory of Late Professor Emeritus of Maritime Economics Dr. Basil N. Metaxas*, Piraeus,
- Norman, Victor D. and Siri P. Strandenes (1994) «Deregulation of Scandinavian Airlines. A case study of the Oslo-Stockholm Route.» In Paul R. Krugman and Alasdair Smith: *Empirical Studies of Strategic Trade Policy*, University of Chicago Press, 1994.
- Strandenes, Siri Pettersen (1992) «Economic regulation of domestic air transport in Sweden in Yves Bourdet (ed.): *Internationalization, market power and consumer welfare*, Routledge, London & New York.

Selected other papers

- Strandenes, Siri Pettersen (1990) «Capacity utilization in shipbuilding and shipping» in Siri Pettersen Strandenes, Arnljot Strømme Svendsen and Tor Wergeland (eds.): *Shipping Strategies and bulk shipping in the 1990s*. Institute for Shipping Research, Norwegian School of Economics and Business Administration, Bergen, 1990, p. 49-63.
- Strandenes, Siri Pettersen (1986) “NORSHIP - a simulation model for bulk shipping markets”, Center for Applied Research, Norwegian School of Economics and Business Administration, Bergen
- Strandenes, Siri Pettersen (1984) Price Determination in the Time Charter and Second Hand Market, Center for Applied Research, Norwegian School of Economics and Business Administration, Bergen.
- Strandenes, Siri Pettersen (1981) Demand substitution between tankers of different sizes, *Norwegian Maritime Research*, Vol. 11, 1983. p. 27-36. Also in Einar Hope (ed.): *Studies in shipping economics*, Bedriftsøkonomens Forlag, Oslo, p. 63-77
- «Effects on Transport Costs of Differing Quality Requirements in Tanker Trades. Model simulations of Tanker Shipping» in A. Goulielmos (ed.), *Essays in honour and in memory of Late Professor Emeritus of Maritime Economics Dr. Basil N. Metaxas*, Piraeus, 1997