

Name: *Siri Pettersen Strandenes*

Professor emerita, Department of Economics, Norwegian School of Economics (NHH)
Honorary Visiting Professor, Faculty of Finance, Bayes Business School, City, University of London

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.

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Home page (www.nhh.no/en/employees/faculty/siri-pettersen-strandenes/)

ARTICLES IN REFEREED JOURNALS AND BOOKS

- Strandenes, Siri Pettersen (2021) Transport and international trade, in Roger Vickerman (ed.) *International Encyclopedia of Transportation*, Elsevier, 10081.
- Strandenes, Siri Pettersen and Helen Thanopoulou (2020) Income distribution and bulk cargo demand. Trends and uncertainties, *Case Studies on Transport Policy*, Vol 8 (3), 729-735.
- Strandenes, Siri Pettersen and Helen Thanopoulou (2020) GDP and international seaborne trade: past trends, presents breaks and future directions, in Wilmsmeier, Gordon and Jason Monios (eds.) *Geographies of Maritime Transport*. Edward Elgar Publishing.
- Strandenes, Siri Pettersen (2020) Utflagging i luftfarten, in Terje Andreas Mathisen and Pål Andreas Pedersen (eds.) *Transport i interaksjon mellom marked og offentlig regulering. Festskrift til Finn Jørgensen*, Fagbokforlaget, 147-164.
- Jia, Haiying, Ove Daae Lampe, Veronika Solteszova, and Siri P. Strandenes (2017) Norwegian port connectivity and its policy implications, *Maritime Policy and Management*, 44(8), 956-966,
- 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*, 19, 619-630.
- Adland, Roar Haiying Jia, Siri Pettersen Strandenes (2017), Are AIS-based trade volume estimates reliable? The case of crude oil exports, *Maritime Policy and Management*. 44(5) 657-665.
- Thanopoulou, Helen; and Strandenes, Siri Pettersen (2017) A theoretical framework for analysing long-term uncertainty in shipping. *Case Studies on Transport Policy*, 5(2), 325-33.
- 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*; 53, 37-49.
- 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: Policy and Practice*, 110, p191-201.
- 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.
- Thanopoulou Helen and, Siri Pettersen Strandenes (2015), Turning down the volume? Prospect of structural changes in international energy seaborne trade. *Research in Transportation Business & Management*, 17, 8-13.
- 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, p329-341.
- Strandenes, Siri Pettersen (2014) "Efficiency-enhancing Port Pricing Models", in Thierry Vanelander and Christa Sys (eds.) *Port Business. Market Challenges and Management Actions*, University Press Antwerp, 43.-60.
- Strandenes, Siri Pettersen (2013), Freight Transport Pricing Models, in Moshe Ben-Akiva, Hilde Meersman and Eddy van de Voorde, *Freight Transport Modelling (In honour 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)

- 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.
- Strandenes, Siri Pettersen (2010) "The Shipping Industry" in Schreiner, Axel *Textbook of Maritime Medicine*, chapter 3, e-book available at <http://textbook.ncmm.no/the-shipping-industry>
- Ubøe, Jan, Jonas Andersson, Kurt Jörnsten and Siri Pettersen Strandenes (2009) "Modelling Freight Markets for Coal" in *Maritime Economics and Logistics*, 2009,11,289-301.
- 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, 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 bulk freight market revisited", *Maritime Policy and Management*, VOL. 33, # 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.
- Strandenes, Siri Pettersen (2004) *Airport Capacities and Airline Competition in Hilde Meersman, Paul Roosens, Eddy van de Voorde and Frank Witlox: Optimising strategies in the air transport business. Survival of the fittest? Antwerp-Appeldoorn, Garant*
- Strandenes, Siri Pettersen (2002) "Economics of the markets for ships" in Grammenos, Costas (ed.) *Handbook of Maritime Economics and Business*, Lloyds of London Press, London, 186-202.
- 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.
- 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) "The second order effects on commercial shipping of restrictions on the use of TBT" *The 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, 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, 517-541.
- Norman, Victor D. and Siri Pettersen 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, 1992.

Editing

"Shipping Strategies and bulk shipping in the 1990s", Institute for Shipping Research, Norwegian School of Economics and Business Administration, Bergen, 1990. Edited with Arnljot Strømme Svendsen and Tor Wergeland.

EXPERIENCE RECORD:***Previous positions***

- 2002-2019 Professor in economics, Department of economics, NHH
- 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 www.snf.no)

Research and course management

- 2016-2017 Head of Department, Department of Economics, NHH
- 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 Norwegian 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

- 2020 Member Board RegWatchEurope, Chair 2021. (www.regwatcheurope.eu)
- 2016- Member, Norwegian Better Regulation Council appointed by the Ministry of Trade, Industry and Fisheries (<http://regelradet.no/in-english/>)
- 2014 - Member of Board and Chair of Audit and the Risk Committees, Norwegian Hull Club (Marine insurance) (www.norclub.no)
- 2009-2019 Member, Corporate Assembly *Telenor ASA* (www.telenor.no)
Deputy member 2003-2009
- 2007-2010 Member Board DnB NOR ASA (www.dnb.com)
- 2004-2006 Member Board *Troms Fylkes Dampskibsselskap ASA* (TFDS) (later merged into Hurtigruten ASA <http://www.hurtigruten.com/en/>)
- 2002-2006 Member Board *Bergshav Shipholding AS* (www.bergshav.com)
- 1999-2010 Member Board *Vital Forsikring ASA* (now DNB Livsforsikring ASA) (www.dnb.com)
- 1992-1999 Deputy Chairman, Control Committee *Den norske Bank* (DnB), member 1990-1991
- 1992-2000 Chairman, Anti-Dumping Committee of the Norwegian Ministry of Finance
- 1991-1995 Deputy Chairman Board of the *Guaranty fund for commercial banks*.
- 1985-1987 Deputy member/member Board of the *Norges Bank* (Central bank of Norway) (<http://www.norges-bank.no/>)

- 1985-1989 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).

Boards – Foundations / other

- 2016- Member of Board of Directors the Rafto Foundation for Human Rights. (www.rafto.no)
- 2003- Member/ Deputy member Bergen Riksmålsforenings Fond
- 2005-15 Member/ Deputy member of Board Det Nyttige Selskab (www.detnyttige.no)

Teaching at NHH

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

International research and teaching

- 2016- Centre for Maritime & Air Transport Management, University of Antwerp lectures in the course Air Transport Pricing Strategies
- 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, 2005-2016.
- 1997- External examiner for PhD at Technische Universiteit Delft, Molde University College, Cardiff Business School, Bodø Graduate School of Business, Erasmus University Rotterdam, Bayes Business School, City, University of London, Newcastle University, KTH Royal Institute of Technology, Stockholm, School of Business, Economics and Law, University of Gotheburg,
- 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, *Universiteit Antwerpen*, Antwerp, *Hong Kong Polytechnic University*, Hong Kong, *Bayes Business School City*, *University of London*, London, *University of Southern Denmark*, Esbjerg
- 1980- Presented papers at several international research conferences.

Consultancy work for:

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