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Education

2019–2022 **Ph.D.**
NTNU. Dissertation: *Essays in Financial Economics*

2002–2004 **Certified European Financial Analyst**
Norwegian School of Economics (NHH)

1995–1999 **M.Sc.**
NTNU / NORD University

Academic Positions

2024– **Associate Professor**
NTNU, Dept. of Industrial Economics and Technology Management

2022–2023 **Adjunct Associate Professor**
NTNU, Dept. of Industrial Economics and Technology Management

Industrial Positions

2011–2023 **Head of Fixed Income and FX**
SpareBank1 Markets

2006–2011 **Chief Analyst**
Danske Bank Markets

2005 **Advisor**
Norsk Hydro ASA

2002–2004 **Head of Front Office**
Telenor ASA, Treasury

2001–2002 **Head of Reporting and Settlements**
Telenor ASA, Treasury

1999–2001 **Accountant**
Arthur Andersen & Co

Board Positions

2024– **WellPower Technologies AS**

2023– **Morelius AS**

2021–2023 **Fuglehunden AS**

Articles in Peer-reviewed Journals

Alizadeh, Amir, Brage Grove, Malvina Marchese, Ioannis Moutzouris, Morten Risstad, and Christian Rustad (2025). "A hybrid combination approach to forecast freight rates volatility." In: *Quantitative Finance*.

Eggen, Sivert, Tord Johan Espe, Kristoffer Grude, Morten Risstad, and Rickard Sandberg (2025). "Financial Time Series Uncertainty: A Review of Probabilistic AI Applications." In: *Journal of Economic Surveys*. DOI: `https://doi.org/10.1111/joes.70018`.

Høverstad, Boye, Morten Risstad, and Lavrans Kaul Sagen (2025). "Transformers vs. LSTM-MLP for Option Pricing." In: *AIMS Mathemathics*.

Pimentel, Rita, Morten Risstad, Sondre Rogde, et al. (2025). "Option pricing with deep learning: a long short-term memory approach." In: *Decisions in Economics and Finance*. DOI: `https://doi.org/10.1007/s10203-025-00518-9`.

Vinje, Jacob et al. (2025). "Merged LSTM-MLP for option valuation". In: *Quantitative Finance* 0.0, pp. 1–16. DOI: `10.1080/14697688.2025.2493965`.

Abrahamsen, Nils-Gunnar Birkeland, Emil Nylén-Forthun, Mats Møller, Petter Eilif De Lange, and Morten Risstad (2024). "Financial Distress Prediction in the Nordics: Early Warnings from Machine Learning Models". In: *Journal of Risk and Financial Management* 17.10, p. 432.

Gunnarsson, Elias Søvik, Håkon Ramon Isern, Aristidis Kaloudis, Morten Risstad, Benjamin Vigdel, and Sjur Westgaard (2024). "Prediction of realized volatility and implied volatility indices using AI and machine learning: A review". In: *International Review of Financial Analysis*, p. 103221.

Holand, Mathias and Morten Risstad (2024). "On the relevance of realized quarticity for exchange rate volatility forecasts". In: *Data Science in Finance and Economics* 4.4, pp. 514–530.

Olsen, Asbjørn, Gard Djupskås, Petter Eilif De Lange, and Morten Risstad (2024). "Forecasting implied volatilities of currency options with machine learning techniques and econometrics models". In: *International Journal of Data Science and Analytics*, pp. 1–19.

Blom, Herman Mørkved, Petter Eilif De Lange, and Morten Risstad (2023). "Estimating Value-at-Risk in the EURUSD Currency Cross from Implied Volatilities Using Machine Learning Methods and Quantile Regression." In: *Journal of Risk & Financial Management* 16.7.

De Lange, Petter Eilif, Morten Risstad, Kristian Semmen, and Sjur Westgaard (2023). "Term Premia in Norwegian Interest Rate Swaps". In: *Journal of Risk and Financial Management* 16.3, p. 188.

Risstad, Morten, Airin Thodesen, Kristian August Thune, and Sjur Westgaard (2023). "On the Exchange Rate Dynamics of the Norwegian Krone". In: *Journal of Risk and Financial Management* 16.7, p. 308.

De Lange, Petter Eilif, Morten Risstad, and Sjur Westgaard (2022). "Term Premia in Norwegian Government Bond Yields". In: *Beta* 36.1, pp. 1–21.

De Lange, Petter Eilif, Sjur Westgaard, and Morten Risstad (2022). "Estimating value-at-risk using quantile regression and implied volatilities". In: *Journal of Risk Model Validation* 16.1.

Pimentel, Rita, Morten Risstad, and Sjur Westgaard (2022). "Predicting interest rate distributions using PCA & quantile regression". In: *Digital Finance* 4.4, pp. 291–311.

Work in Progress

Engan, Andre, Lars Ole Hjelkrem, and Morten Risstad (2025). "A Review of Credit Risk Assessment in Banking - From Deterministic Models to Probabilistic AI." In: *(under review)*.

Graça, Rodrigo, Maria Lavrutich, Jonas Lund, Malvina Marchese, Morten Risstad, and Markus Vonheim (2025). "Biological impacts and firm profitability: Evidence from Norwegian salmon aquaculture." In: *(under review)*.

Hovden, Erik Krokan, Morten Risstad, Erik Magnus Brynildsen Spone, Ole Magnus Qvam Strand, and Sjur Westgaard (2025). "Forecasting Short-Term WTI Crude Oil Prices: Are State-of-the-Art Deep Learning Models More Accurate than Traditional Econometric Models?" In: *(under review)*.

Moen, Ida. A., Marie. S. Pedersen, Hans Magnus Utne, Morten Risstad, and Sjur Westgaard (2025). "Forecasting day-ahead EURUSD tail risk: Leveraging machine learning and the volatility surface." In: *(revise & resubmit)*.