

JINGYING ZHOU LYKKE

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EDUCATION

International Master of Science in Quantitative Economics (IMSQE) *Aug 2018 - Jun 2020*
Aarhus University Aarhus, Denmark

- Thesis topic: EBM-CVAR Model Estimation by Extended Switching Algorithm and Cointegration Analysis of Global Mean Sea Level

Master of Management (Finance) *Mar 2013 - Aug 2014*
University of Melbourne Melbourne, Australia

Bachelor in Economics *Sep 2008 - Jun 2012*
Yunnan University Kunming, China

EMPLOYMENT

PhD fellow *Sep 2020 - present*
Aarhus University Aarhus, Denmark

- Research interests: climate econometrics, time-series econometrics, and financial econometrics, mathematical finance.
- Main supervisor: Professor Eric Hillebrand
- Co-supervisor: Associate Professor Mikkel Bennedsen

Investment manager *Jan 2016 - Apr 2017*
Kunming Join Harvest Equity Investment Corp. Kunming, China

- Develop and maintain the relationship with other financial institutions; conduct due diligence and feasibility study for potential investment opportunities; perform valuation analysis using models like FCFF model.

Cash management assistant *Jun 2015 - Dec 2015*
Yunnan Gongtong Construction Group Ltd. Kunming, China

- Assist in building a long-term relationship with commercial banks to get debt financing, such as revolving lines of credit; conduct daily cash management and manage settlement accounts; perform feasibility studies for projects.

TEACHING EXPERIENCE & SUPERVISION

Lecturer *Spring semester 2021 - 2022*
ECON Data and Software Lab

- Give introductions to topics that are relevant for bachelor projects. The topics covered include text editing in LaTeX, databases, data cleaning and visualization, data analysis, skills for writing, and preparing the oral defenses.
- Offer help with specific questions the students encounter when producing empirical results and writing projects.

Instructor/Teaching assistant *Autumn semester 2020*
Master-level course: time-series econometrics.

Supervision *Spring semester 2022*
Supervising a bachelor project on forecasting inflation using a state space model.

CONFERENCES & TALKS

Contributed talks

- EGU General Assembly 2021 (virtual)* *April 2021*
- A State Space model Representation of a Two-component Energy Balance Model
- 2021 EMCC-V: Econometric Models of Climate Change Conference (virtual)* *August 2021*
- A State Space model Representation of a Two-component Energy Balance Model
- EC²: Econometrics of Climate, Energy, and Resources (Aarhus)* *December 2021*
- A State Space model Representation of a Two-component Energy Balance Model
- EGU General Assembly 2022 (upcoming)* *May 2022*
- Global Mean Surface Temperature Projection Constrained by Historical Observations

Invited talks

- EcoSta2022 (upcoming)* *June 2022*
- A State Space model Representation of a Two-component Energy Balance Model

SKILLS & AWARDS

Language	Chinese (mother tongue) English: professional working proficiency Danish: B2 level (upper intermediate) Prøve i Dansk 3 (PD3) passed (06/2021, speaking: 12, writing & reading: 7).
Qualification	CFA (Chartered Financial Analyst) Level III passed (08/2017).
Technical Skills	R, Matlab, OxMetrics, and L ^A T _E X.
Awards	Danish Government Scholarship, 2018; Merit Student of Yunnan Province, China, 2007.