

# Chenyan Lyu

LAST UPDATED: NOV, 2022

Edinburgh Business School  
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## Academic Appointment

Postdoctoral Associate Researcher, The UK Industrial Decarbonisation Research and Innovation Centre (IDRIC). Edinburgh Business School, Heriot Watt University, Edinburgh, UK.  
Sep 2022 - Now

## Education

PhD in Economics, Copenhagen Business School, Denmark, 2019 - 2022

PhD in Economics, Durham University, UK, 2019

MSc in Finance, University of Southampton, UK, 2018

BSc in Forestry and Agriculture, Beijing Forestry University, China, 2017

## Research Interest

Emission Market Design, Environmental & Energy Economics, Sustainable Finance

## Publication

Lyu, C. and Huang, L. (2017). **The Influence of RMB Internationalization-Speculation and Demonstration Based on NOEM Model**. Journal of Regional Financial Research (In Chinese). 2017(01): 47-53

Lyu, C., Jamasb, T., Spanholtz, J. P. G. (2022). **The long COVID of Energy Markets and Prices**. European Energy & Climate Journal. 11(1): 3-7

## Working Papers

Lyu, C. (2021). **Dynamics of Regional Carbon Markets in China**. SSRN Electron. J. (Under Review)

Lyu, C., and Scholtens, L.J.R. (Bert). (2022). **Is the Global Carbon Market Integrated? Return and Volatility Connectedness in ETS Systems**. SSRN Electron. J. (Under Review)

**Volatility spillovers in the interconnected NordPool electricity markets - the effect of the carbon price**. (with Hung Do, Rabindra Nepal, Tooraj Jamasb).

## Selected Works in Progress

Carbon and Green bond market hedging: complementary or supplement? (with Bert Scholtens)

Carbon Price Forecasting and Spillover Effects: A Neural Network approach (with Pauline Barrieu, George Tzougas, Despoina Makariou, Rui Zhu)

How Effective Has the EU-ETS Been to Battle Air Pollution? - A Spatial Insight.

Air pollution and development in Africa- Resource management and civil conflict (with Myriam Marending and Stefano Tripodi).

## Professional Activities

Research Assistant 2020 - Now  
 Copenhagen School of Energy Infrastructure, CBS

- Research project - Accelerating the Energy Transition at the Sea and on Land : Ports and Hubs (funded by Den Danske Maritime Fond).
- Proposal - Ten Year Network Development Plan (TYNDP) Joint Scenarios Methodology Analysis ( funded by the European Commission).

Teaching Assistant 2020 - 2022  
 Department of Economics, CBS

- 1) Energy Markets, Competition, and Regulation (Lecturer & TA) (2020)
- 2) Environmental and Resource Economics (Lecturer & TA) (2020)
- 3) International Economics (2022)

Referee Service 2020 - Now  
 · JOURNAL OF ENERGY ECONOMICS; THE ENERGY JOURNAL

## Awards and Grants

William Demant Fonden Studieophold Grant, Denmark (9,500 Dkk)	May 2022
Student Paper Award (runnerup), 43rd IAEE Conference, Japan (\$500)	Apr 2022
Otto Mønstedts Fond Travel Grant, Denmark (15,000 Dkk)	Apr 2022
Augustinus Fonden Travel Grant, Denmark (15,000 Dkk)	Mar 2022
Skill-course funding, PhD School, Copenhagen Business School (30,000 Dkk)	Jul-2021
Excellent leader, Beijing Forestry University (1%)	2016-2017
Scholarship of outstanding achievements, Beijing Forestry University (1%)	2016-2017

## Conference Presentation

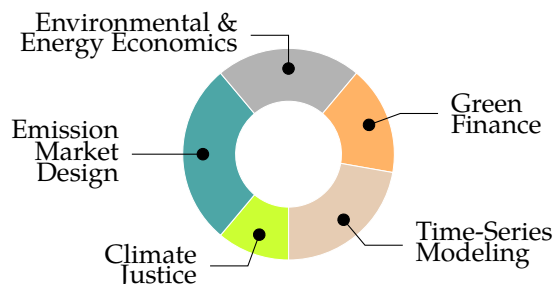
**2022:** 29th Young Energy Economists and Engineers Seminar (May, Ghent, Belgium), 43rd IAEE International Conference\*2 Papers (July, Tokyo, Japan)

**2021:** The 1st IAEE Online Conference (Jun, Virtual); DGPE annual workshop (Nov, Denmark)

**2019:** International Conference on Energy System Integration (London, UK); The 16th IAEE European Conference (Ljubljana, Slovenia); International Workshop on Sustainable Road Freight (Cambridge, UK)

## Skills and Reserch Interest

R  
 STATA  
 Eviews 10.0  
 Excel  
 L<sup>A</sup>T<sub>E</sub>X  
 ArcGIS  
 Chinese  
 English



## Non-academic Working Experience

China Beijing Environment Exchange, Beijing, China Department of Research and Development	Sep - Dec 2018
RUIHUA Certified Public Accountants, Beijing, China	Jun - Aug 2016
China Development Bank, Beijing, China Treasury and Financial Market Department	Jun - Aug 2015
China Development Bank Securities, Beijing, China Treasury and Financial Market Department	May- Jun 2015

## Extra-Cirrucular Activities

Captain of Women's Basketball Team, Beijing Forestry Univerisity (BJFU)	2014 - 2017
⇒ 4th of Chinese University Basketball Association (CUBA) in Beijing area, 2014	
⇒ Championship of college basketball competition across BJFU, 2015, 2016, and 2017	
Voluntary works to help disable people for Non-Profit Organization in China	2013 - 2014
Hiking, Badminton, Knitting, Cooking, Coding	

## Academic Referee

### **Professor. Tooraj Jamasb**

Professor of Energy Economics  
Department of Economics, CBS  
Frederiksberg, Copenhagen  
Tel +45 38152223  
Email: tj.eco@cbs.dk

### **Professor. L.J.R. Bert Scholtens**

Professor of Economics & Finance  
University of Groningen  
Groningen, The Netherlands  
Tel +31 503637064  
E-mail: l.j.r.scholtens@rug.nl

### **Professor. Lisbeth La Cour**

Deputy Head, Associate Professor Department  
of Economics, CBS Frederiksberg, Copenhagen  
Tel +45 38152488  
E-mail: llc.eco@cbs.dk

### **Professor. Bing Xu**

Professor of Finance  
School of Social Sciences,  
Edinburgh Business School  
Heriot-Watt University,  
Edinburgh, The United Kingdom  
E-mail: b.xu@hw.ac.uk