

# Curriculum Vitae

## Lanlan Li

Associate Professor

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## Research Interests

### ❖ Demand-side management of residential energy

- ※ modeling of demand response
- ※ electricity and natural gas pricing for households (for example, Time-of-use pricing and increasing block tariffs)
- ※ consuming behavior of households energy

### ❖ Energy economics: Specifically my research interests focus on modeling of energy system.

## Education

### *Doctor of Management, Management Science and Engineering, June 2013*

- ❖ School of Economics and Management, China University of Geosciences (Wuhan)

### *Master of Management, Management Science and Engineering, June 2010*

- ❖ School of Economics and Management, China University of Geosciences (Wuhan)

### *Bachelor of Management, Information Management Science and System, June 2008*

- ❖ School of Economics and Management, China University of Geosciences (Wuhan)

## Professional Experience

- ❖ July 2016- Associate Professor, School of Management, Hefei University of Technology, Hefei, Anhui, China
- ❖ July 2013 – June 2015- Assistant Professor, School of Management, Hefei University of Technology, Hefei, Anhui, China

**Publications (Since 2013) (\*denotes the corresponding author, otherwise the first author is the corresponding author)**

❖ **Published**

- ※ *Lanlan Li\**, Xuan Luo, Kaile Zhou\*, Tingting Xu. Evaluation of increasing block pricing for households' natural gas: A case study of Beijing, China. *Energy*, 2018, 157:162-172.
- ※ *Lanlan Li\**, Yue Yao, Ranran Yang\*, Kaile Zhou, Is it more effective to bring time-of-use pricing into increasing block tariffs? Evidence from evaluation of residential electricity price policy in Anhui province, *Journal of Cleaner Production*, 2018, 181: 703-716. (SCI)
- ※ *Lanlan Li*, Chengzhu Gong, Shizhong Tian, Jianling Jiao\*. “The peak-shaving efficiency analysis of natural gas time-of-use pricing for residential consumers: Evidence from multi-agent simulation”. *Energy*, 2016, 96(2): 48-58. (SCI)
- ※ *Chen Wang*, Kaile Zhou, *Lanlan Li*, Shanlin Yang. Multi-agent simulation-based residential electricity pricing schemes design and user selection decision-making. *Natural Hazards*, 2018, 90 (3): 1309–1327.
- ※ *Juan Wang*, *Lanlan Li*, Fangyi Li\*, Ali Kharrazi, Yu Bai, Regional footprints and interregional interactions of chemical oxygen demand discharges in China, *Resources, Conservation and Recycling*, 2018, 132: 386-397.
- ※ *LI Lan-lan*, XU Ting-ting, LI Fang-yi, JIAO Jian-ling. “Gravity Center Evolution Paths and Growth Factor Decomposition of Residential Natural Gas Consumption in China”. *Journal of Natural Resources*, 2017, 32(4): 606-619.[In Chinese] (CSSCI)
- ※ YE Bin, GE Fei, RONG Xiuting, *LI Lanlan\**. “The Influence of Nonlinear Pricing Policy on Residential Electricity Demand ----a case study of Anhui residents”, *Energy Strategy Reviews*, 2016, 13-14, 115 -124.(EI)
- ※ *LI Lan-lan*, GONG Cheng-zhu, ZHU Ke-jun. “Multi-agent simulation on natural gas time-of-Use pricing in urban industrial and commercial users”. *Systems Engineering-Theory & Practice*, 2014, 34(2): 392-398. [In Chinese] (EI/CSSCI)
- ※ *Lanlan Li*, Chengzhu Gong, Deyun Wang\*, Kejun Zhu. “Multi-Agent Simulation of the

Time-of-Use Pricing Policy in an Urban Natural Gas Pipeline Network: A Case Study of Zhengzhou”, *Energy*, 2013, 52(1): 37-43. (SCI)

- ※ Jian-Ling Jiao, Kuang-Yi Han, Gang Wu, **Lan-Lan Li**, Yi-Ming Wei\*. “The effect of an SPR on the oil price in China: A system dynamics approach”, *Applied Energy*, 2014, 133(9): 363-373. (SCI)
- ※ GONG Cheng-zhu, **LI Lan-lan**, YANG Juan, ZHU Ke-jun. “An integrated short-term load forecasting approach for urban gas pipeline network based on EMD, PSR and LSSVM”. *Systems Engineering-Theory & Practice*, 2014, 34(11): 3001-3008. [In Chinese] (EI/CSSCI)
- ※ GONG Cheng-zhu, **LI Lan-lan**, WEI Zheng-feng, ZHU Ke-jun. “A method for hybrid multiple attribute decision making based on prospect theory and membership”, *Chinese Journal of Management Science*, 2014, 22(10):122-128. [In Chinese] (CSSCI)

#### ❖ Under review

- ※ **Lanlan Li** , Menghui Zhong , Kaile Zhou, Bao Wang. Price elasticity of residential electricity demand: A review. *Resources, Conservation & Recycling*.

### Research Projects (Since 2013)

- ❖ “Design and effect evaluation of a tiered pricing on household natural gas” (No.71503065), **the National Natural Science Foundation of China**, 2016.01-2018.12, **the director**
- ❖ “Multi-agent simulation of time-of-use pricing policy for residential users of natural gas” (No. 14YJC630061), **the Social Science Foundation of Ministry of Education**, 2015.01-2017.12, **the director**
- ❖ Research on influence factors of residential electricity consumption and its medium and long-term growth potential. **The client: Institute of Economics and Technology, State Grid Anhui Electric Power Company**, 2015.1-2015.12, **the director**