

# Jia-Ning Kang

Ph.D. Candidate

Center for Energy & Environmental Policy Research, Beijing Institute of Technology, Beijing, China

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## Basic Information

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**Major:** Energy Economics and Climate Change, Ph.D. Candidate

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## Research Interests

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- Energy Technology Assessment and Selection
- Low-carbon Technology Foresight
- Sustainable development of power sector

## Educational Experience

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**Sep. 2015 - Present**                      **Beijing Institute of Technology (BIT)**

- Ph.D. Candidate in Energy Economics and Climate Change
- Anticipated Graduation date: June 2020

**Sep. 2011 – Jun. 2015**                      **Dalian University of Technology (DUT)**

- Bachelor of Management in Information Management and Information System
- Cumulative Grade Point Average: 3.7/4.0; Integrated Ranking: 2/74
- Graduation thesis topic: Hadoop and its Application of Multi-Documents Summarization on Single-Event News

## Academic Performance

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### Selected Publications

- Y-M Wei, **J-N Kang**, B-Y Yu, et al. 2017. A dynamic forward-citation full path model for technology monitoring: An empirical study from shale gas industry. *Applied Energy*. 205: 769-780. (DOI: 10.1016/j.apenergy.2017.08.121, SCI)
- H Chen, **J-N Kang**, H Liao, et al. 2017. Costs and potentials of energy conservation in China's coal-fired power industry: A bottom-up approach considering price uncertainties. *Energy Policy*. 104: 23-32. (DOI: 10.1016/j.enpol.2017.01.022, SCI)
- **J-N Kang**, C-Q He, B-J Tang, et al. 2016. The innovation and market mechanisms of electricity industry in selected developing countries. *Journal of Beijing Institute of Technology (Social Sciences)*. 18(04):36-41. (In Chinese) (DOI: 10.15918/j.jbits1009-3370.2016.0405)

### Project Experience

- **National Key R&D Program: Integrated Assessment of Economic Impacts of Climate Change (2016 - Present)**  
**Summary of my work:** Assess the prospects of climate-friendly technologies in China's power industry and evaluate reduction cost of carbon capture and storage technology in 2°C scenario.
- **Sci-Tech Program of State Grid Corp. of China: Analysis and Application of Marketing and Decision-Making Based on Power Service Management Platform (2016 - Present)**  
**Summary of work:** Forecast monthly electricity demand and investigate its influence factors.

### International Conference

- The 9th China-Japan Joint Workshop on Sustainable Management of Cities and Regions under Disaster and Environmental Risks. Oct. 2017, Beijing, China. (Awarded Best Poster)

## Scholarships & Honors

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- National Scholarship, awarded by Ministry of Education of China, 2014.
- Top-grade Scholarship in BIT, top 5%, awarded by Beijing Institute of Technology, 2016 & 2017.