

Sufang Zhang's CV

Education:

- June 2000 Received Master Degree in Business Management, University of International Economics and Business
- July 1985 Received Bachelor Degree in Economics, Shanghai Institute of Foreign Trade

Peer Refereed Journal Papers

1. **Sufang Zhang**. Analysis of DSPV (distributed solar PV) power policy in China. *Energy* 98 (2016) 92-100.
2. **Sufang Zhang**. Innovative business models and financing mechanisms for distributed solar PV(DSPV) deployment in China. *Energy Policy* (2016) <http://dx.doi.org/10.1016/j.enpol.2016.01.022i>.
3. Xiaoli Zhao, Shujie Li, **Sufang Zhang**, Rui Yang, Suwei Liu. The effectiveness of China's wind power policy: An empirical analysis. *Energy Policy*, Volume 95, August (2016) 269-279.
4. **Sufang Zhang**, Philip Andrews-Speed, Pradeep Perera. The evolving policy regime for pumped storage hydroelectricity in China: A key support for low-carbon energy. *Applied Energy*, 150 (2015) 15–24.
5. **Sufang Zhang**, Wei Wang, Lu Wang, Xiaoli Zhao. Review of China's wind power firms internationalization: Status quo, determinants, prospects and policy implications, *Renewable and Sustainable Energy Reviews* 43 (2015) 1333–1342.
6. **Sufang Zhang**, Philip Andrews-Speed, Meiyun Ji. The erratic path of the low-carbon transition in China: Evolution of solar PV policy. *Energy Policy* 67 (2014) 903–912.
7. **Sufang Zhang**. Philip Andrews-Speed, Xiaoli Zhao, Yongxiu He. Interactions between renewable energy policy and renewable energy industrial policy: A critical analysis of China's policy approach to renewable energies. *Energy Policy* 62 (2013) 342–353.
8. **Sufang Zhang**, Xiaoli Zhao, Philip Andrews-Speed, Yongxiu He. The development trajectories of wind power and solar PV power in China: A comparison and policy recommendations. *Renewable and Sustainable Energy Reviews* 26 (2013) 322-331.
9. **Sufang Zhang**, Philip Andrews-Speed, Xiaoli Zhao. Political and institutional analysis of the successes and failures of China's wind power policy. *Energy Policy* 56 (2013) 331–340.

10. **Sufang Zhang**, Yongxiu He. Analysis on the development and policy of solar PV power in China. *Renewable and Sustainable Energy Reviews* 21(2013) 393–401.
11. **Sufang Zhang**, Xingmei Li. Large scale wind power integration in China: Analysis from a policy perspective. *Renewable and Sustainable Energy Reviews* 16 (2012) 1110–1115.
12. **Sufang Zhang**. International competitiveness of China's wind turbine manufacturing industry and implications for future development, *Renewable and Sustainable Energy Reviews* 16 (2012) 3903-3909.
13. **Sufang Zhang**, Liwen Fu. Exploring an integrated approach to utilize indigenous renewable energy to improve energy self-sufficiency and emission reduction, *Renewable and Sustainable Energy Reviews* 15 (2011) 827-832.
14. **Sufang Zhang**, Jianxun Qi. Small wind power in China: Current status and future potentials. *Renewable and Sustainable Energy Reviews* 15 (2011) 2457-2460.
15. Xiaoli Zhao, Longli Wu, **Sufang Zhang**. Joint environmental and economic power dispatch considering wind power integration: Empirical analysis from Liaoning Province of China. *Renewable Energy* 52 (2013) 260-265.
16. Xiaoli Zhao, **Sufang Zhang**, Rui Yang, Mei Wang. Constraints on the effective utilization of wind power in China: An illustration from the Northeast China Grid. *Renewable and Sustainable Energy Reviews* 16 (2012) 4508-4514.
17. Xiaoli Zhao, **Sufang Zhang**, Yasheng Zou, Jin Yao. To what extent does wind power deployment affect vested interests? A case study of the Northeast China Grid. *Energy Policy* 63 (2013) 814–822.
18. Xiaoli Zhao, **Sufang Zhang**, Chunyang Fan. Environmental externality and inequality in China: Current Status and future choices. *Environmental Pollution* 190 (2014) 176-179.
19. Xiaoli Zhao, Yue Zhao, Saixing Zeng, **Sufang Zhang**, Corporate behavior and competitiveness: impact of environmental regulation on Chinese firms, *Journal of Cleaner Production*, Available online 2 September 2014.
20. **Sufang Zhang**, Xiaoli Zhao. Value creation of supply chain cooperation: Theory with evidence from Chinese coal and power enterprises, *ICMECG, IEEE*, 2008.

Research projects:

1. Major institutional constraints on China's renewable energy development supported by the National Social Science Foundation of China, 2014-2017, project leader.
2. Current situation and future trend of electricity demand-side management in China Supported by Beijing Municipal Commission of Education 2014-2017, project leader.
3. Policy and development of distributed solar PV in China, supported by supported by Beijing Municipal Commission of Education under the Special Items Fund, 2014-2017, project leader.

4. Innovate financial mechanisms and business models to overcome the constraints on distributed solar PV in China, supported by the Economic Research Institute for ASEAN and East Asia (ERIA), 2014-2015, project leader.
5. The role of pumped storage hydroelectricity in supporting China's wind power development supported by Asian Development Bank, 2013-2014, project leader
6. Tendency of regulation on renewable energy integration in China and grid company's adaptation measures supported by the State Grid Corporation of China, 2013-2014. lead researcher.
7. Energy price system dynamic optimization theory and empirical study for low carbon economy, supported by the National Science Foundation of China, 2013-2016, lead researcher.
8. Fostering the international competitiveness of China's wind turbine manufacturing industry supported by the Research Center for Beijing Energy Development, 2011-2012, project leader.
9. Regulation measures for promoting wind power integration in Northeast China Grid supported by the Energy Foundation (USA), 2010-2011, lead researcher.
10. Effective deployment of distributed small wind power systems in Asian rural areas supported by the Asian Development Bank, 2010-2011, project leader.
11. Supporting strategic knowledge products and research network, supported by the Asian Development Bank, 2010-2011, project leader.
12. Impact of globalization on China's energy consumption and energy conservation policy supported by National Social Science Foundation of China, 2008-2010. lead researcher.
13. Research on the relationship between international trade mix and energy consumption in China supported by the Humanities and Social Science Foundation of the Ministry of Education, 2007-2009, lead researcher.

Invited presentations:

1. *Outlook of Renewable Energy in China* at the Asian Clean Energy Forum 2016 co-organized by the ADB, USAID, World Energy Council, etc., in Manila, the Philippines, during May 5-10, 2016.
2. *Impact of Electric Power Sector Reform on China's Renewable Energy Development* at the international conference organized by the Energy Studies Institute of the National University of Singapore in Singapore during Oct. 2-3, 2014.
3. *Solar PV policy and development in China* at the international conference organized by the King Abdullah Petroleum Studies and Research Center (KAPSARC) in London during May 13-14, 2014.
4. *Solar policy frameworks and support mechanism: The case of China* at an international renewable energy conference co-organized by the Energy Ministry of

the United States and the Energy Ministry of Brunei in Brunei during Sept. 8-10, 2013.

5. *Wind Power in China: Development, Policies and Challenges* at the School of Public Policy and Administration in Carleton University on March 30, 2012