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EDUCATION

- | | | |
|-----------------|---|-----------------|
| 2018/09-present | Peking University, Beijing
Major: Environmental Management
Advisor: Hancheng Dai | Ph.D. Candidate |
| 2014/09-2018/07 | Peking University, Beijing
Major: Environmental engineering | B.S. |

Research Publications

- 1) Yana Jin, **Xiaorui Liu**, Xiang Chen and Hancheng Dai* (2020). *How carbon emission allowances allocation matters for China's emission trading: a general equilibrium analysis*. In: *Energy Economics* vol. 92, p. 105012. url: <https://www.sciencedirect.com/science/article/pii/S0140988320303522>.
- 2) Yang Xie, **Xiaorui Liu**, Qi Chen, Zhang Shaohui (2020). *An integrated assessment for achieving the 2°C target pathway in China by 2030*. In: *Journal of Cleaner Production*, p.122238. url: <https://www.sciencedirect.com/science/article/pii/S095965262032285X>.
- 3) Chaoyi Guo, Hancheng Dai*, **Xiaorui Liu**, Yazhen Wu, Xiaoyu Liu and Yong Liu (2020). *Impacts of climate change mitigation on agriculture water use: a provincial analysis in China*. In: *Geography and Sustainability* vol. 1 (3), pp. 189–199. url: <https://www.sciencedirect.com/science/article/pii/S2666683920300298>.
- 4) Tian Xu, Hancheng Dai, Yong Geng, Shaohui Zhang, Yang Xie, **Xiaorui Liu**, Pantao Lu and Raimund Bleischwitz (2019). 'Toward the 2-degree target: evaluating co-benefits of road transportation in China'. In: *Journal of Transport & Health* 15, p. 100674. url: <https://www.sciencedirect.com/science/article/pii/S2214140519303391?via%3Dihub>.
- 5) Ming Ren, Pantao Lu, **Xiaorui Liu**, M. S. Hossain, Yanru Fang, Tatsuya Hanaoka, Brian O'Gallachoir, James Glynn, Hancheng Dai. *Effects of Innovative Technologies in Deep Decarbonization of Chinese Iron and Steel Industry*. Accepted.

Books and Chapters

- 1) Hancheng Dai, Shouquat Hossain, **Xiaorui Liu** (2021). 'Chapter 8 - The climate and economic benefits of developing renewable energy in China'. In: *Renewable-Energy-Driven Future*. Ed. By Jingzheng Ren. Academic Press, pp. 257-285. URL: <https://doi.org/10.1016/B978-0-12-820539-6.00008-X>.
- 2) Hancheng Dai, **Xiaorui Liu** (2021). 'Chapter 4 - Low-carbon Development Report of Shanghai and Guangdong Province' (In Chinese). In: *Research on China's low Emissions strategy 2050: Modelling methods and applications*. China Environmental Publishing Group.