Zhiyuan Fan

Ph.D student, research associate, Columbia University

Nationality

Chinese

Career History

Research Associate, Center on Global Energy Policy, School of International and Public Affairs, Columbia University

Ph.D. student, Earth and Environmental Engineering Department, School of Engineering, Columbia University

Awards / Publications

Zhiyuan Fan, S. Julio Friedmann. “Low-carbon production of iron and steel: Technology options, economic assessment, and policy”.
Joule, Volume 5, Issue 4, 2021, Pages 829-862, ISSN 2542-4351.
https://doi.org/10.1016/j.joule.2021.02.018

Woodall, Caleb M., Zhiyuan Fan, Yushan Lou, Amar Bhardwaj, Amit Khatri, Mahak Agrawal, Colin F. McCormick, and S. Julio
Friedmann. “Technology Options and Policy Design to Facilitate Decarbonization of Chemical Manufacturing.” Joule, November
2022, S2542435122005098. https://doi.org/10.1016/j.joule.2022.10.006.

S. Julio Friedmann, Zhiyuan Fan, and Ke Tang. “Low-carbon heat solutions for heavy industry: sources, options, and costs today”.
Center on Global Energy Policy, SIPA, Columbia University. Oct. 2019.
https://energypolicy.columbia.edu/research/report/low-carbon-heat-solutions-heavy-industry-sources-options-and-costs-today

Areas of expertise

Carbon Management, Industrial Decarbonization, Low-carbon Fuel, Energy Transition Infrastructure