

Jinjian Zhang

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Education

University of Chinese Academy of Sciences Beijing, China 2018.09-2021.06

Master of Environmental Engineering

Independently compiled the emission inventory of Eastern cities of Qinghai Province in 2017

Course: Atmospheric Environmental Chemistry, Modern Environmental Analysis; GPA: 3.42/4.0

Tiangong University Tianjin, China 2014.09-2018.06

Bachelor of Environmental Engineering

Minor in Public Affairs Administration; GPA: 3.43/4.0

Working Experience

Research Assistant 2022.07~

Southern University of Science and Technology, School of Environmental Science & Engineering

- Explore trends and drivers of global emissions from the iron and steel industry, compile the global iron and steel plants emissions inventory from 1960 to 2019

Consulting and analysis 2021.07-2022.07

Beijing Yingshi Ruida Technology Co., Ltd.

- Provide air quality analysis and control suggestions to the local governments of Weixian County and Renqiu City

Publication

1. **Zhang Jinjian**, Li Guangying, Zhang Yuanxun, He Yuejun. Ammonia Emission Inventory in Eastern Urban Agglomeration of Qinghai Province [J]. Research of Environmental Science, 2021,34 (09): 2113-2121. DOI: 10.13198/j.issn.1001-6929.2021.05.17. (In Chinese)
2. Shang J, Zhang YX, Schauer JJ, Chen SM, Yang SJ, Han TT, Zhang D, **Zhang JJ**, An JX, 2022, Prediction of the oxidation potential of PM_{2.5} exposures from pollutant composition and sources, Environmental Pollution, 293, 118492.

Skill

- Sampling and analysis experience in atmospheric membrane samples, soil dust and road dust
- Compilation of emission inventory of air pollution sources
- Air pollution receptor model and backward trajectory analysis (PSCF and CWT)
- Programming and others: R, ArcGIS, Meteoinfo, WRF, CAD, PMF, HYSPLIT