
EDUCATION

- **City University of Hong Kong** Hong Kong, China
PhD candidate of Engineering Nov. 2022 – Present
- **Huazhong University of Science and Technology** Wuhan, China
Master of Engineering; GPA: 3.70/4.00 Sep. 2019 – June. 2022
- **MINES Paris Tech** Paris, France
Master en Sciences, Technologies, Sante, Mention sciences pour l'énergie; GPA: 3.70/4.00 Sep. 2019 – June. 2022
- **Huazhong University of Science and Technology** Wuhan, China
Bachelor of Engineering; GPA: 3.73/4.00 Sep. 2015 – June. 2019

PUBLICATION

- **Liu, F.**, Shafique, M., & Luo, X. (2025). The next leap in sustainable transport revolution: Identifying gaps and proposing solutions for hydrogen mobility. *Communications in Transportation Research*. Accepted.
- **Liu, F.**, Shafique, M., & Luo, X. (2025). Dynamic lifecycle emissions of electric and hydrogen fuel cell vehicles in a multi-regional perspective. *Environmental Impact Assessment Review*, 111, 107695.
- **Liu, F.**, Shafique, M., & Luo, X. (2024). Unveiling the determinants of battery electric vehicle performance: A systematic review and meta-analysis. *Communications in Transportation Research*, 4, 100148.
- **Liu, F.**, Shafique, M., & Luo, X. (2024). Quantifying delayed climate mitigation benefits in electric and hydrogen fuel cell vehicle deployment for sustainable mobility. *Sustainable Production and Consumption*, 49, 398-414.
- **Liu, F.**, Shafique, M., & Luo, X. (2023). Literature review on life cycle assessment of transportation alternative fuels. *Environmental Technology & Innovation*, 32, Article 103343.
- **Liu, F.**, Li, C., Xu, Y., Tang, G., & Xie, Y. (2021). A new lower and upper bound estimation model using gradient descend training method for wind speed interval prediction. *Wind Energy*, 24(3), 290-304.

EXPERIENCE

- **United Nations Industrial Development Organization (UNIDO)** Vienna, Austria
Intern Dec 2021 - Aug 2022
 - **Small Hydropower Development and International Expert Meetings:** Contributed to the 2022 World Small Hydropower Development Report by creating and analyzing a database covering over 100 countries. Also provided liaison support and developed the agenda for the International Hydrogen Energy Center's expert group meeting.
- **Institute of New Energy** Wuhan, China
Project Member June 2021 - Dec 2020
 - **New Energy Industry Development Initiatives:** Assisted the Hubei Provincial Development and Reform Commission in drafting the "2021-2025 Hubei Province Guiding Opinions on New Energy Industry Development". Led three research seminars, synthesized reports from 15 cities and 40 companies, and conducted a comprehensive industry survey to support strategic and policy planning.

REFERENCES

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SKILLS

• **IT skills:** Python, MATLAB

Language level: IELTS-6.5, JLPT-N2