

Hai Nam HA

(PhD student)

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## RESEARCH INTERESTS

- Electrocatalysis
- Surface modification
- Renewable fuels and chemicals
- CO<sub>2</sub> and CO conversion
- Electrochemical engineering

## SUMMARY

I have started my PhD since January 2024 under the supervision of Prof. Marc Fontecave and Dr. Ngoc Huan Tran at Collège de France. My research is focusing on Cu-based electrocatalysts for CO<sub>2</sub> and CO reduction using flow electrolyzers or membrane electrode assembly (MEA) electrolyzer at high current density.

## EDUCATION

2024-Current: PhD in Chemistry at the Collège de France and Sorbonne University, France.

2021-2023: Master's degree in Environmental Chemistry at Hanoi University of Science (Vietnam National University).

2017-2021: Bachelor's degree in Chemistry at Hanoi University of Science (Vietnam National University).

#### PREVIOUS RESEARCH ACTIVITIES

2020: 1 year internship at National Center for Technological Process (Vietnam Ministry of Science and Technology): *“Research on the Nitrogen compounds removal in waste water by using partial nitrification process”*.