

News Letter

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京都大学大学院 エネルギー科学研究科 国際先端エネルギー科学研究教育センター

新任教員紹介

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特定助教

Greetings! My name is Fara, and I joined the International Advanced Energy Science Research and Education Center (IAESREC) in October 2022 as program-specific assistant professor. Originally from Madagascar, I received my engineering degree (M.Eng.) in agricultural science from Antananarivo University. I worked for a sustainable development NGO and then for a building material company. Afterwards, I received the Japanese government scholarship, and subsequently acquired a Doctoral degree in Energy Science from Kyoto University.

My research themes focus on the study and conversion of biomass to renewable energy and biomaterials. I first specialized in analytical chemistry of biomass to determine their best potential for biorefinery. I was then hired as a post-doctoral fellow and then program-specific assistant professor at Kyoto University to develop a new technology for bioethanol production, thanks to the ALCA (Advanced Low Carbon Research and Development Program) financed by JST (Japan Science and Technology). Prior to this current position, I worked as a researcher for Daicel corporation in an industry-academia collaboration to produce and commercialize biodegradable materials from wood.

In addition, I am a management board member of *Sciencescope*, the association of French-speaking researchers in Japan, and active member of many other organizations including *500 women scientists*.



In the laboratory

Through these years, I gained a wealth of experience and built a wide international network. If you are interested in international activities and friends, or life overseas, please feel free to contact us! I am also in charge of a lecture on renewable energy (Renewable energy: present and future).

Committed to the development of IAESREC and the Graduate School of Energy Science, I look forward to working with you!



Exploring the world during personal time (Niagara Falls, USA)



Representing 500 women scientists during TEDx Kyoto 2023 themed "Together"

