

CONTACT ME



 bercy@ftz.czu.cz

# Antoine Bercy

PhD student & Junior Researcher



## HIGHLIGHTS

- Biogas technology with a multidisciplinary background in bioengineering, wildlife management, and programming.
- Experienced in working in a team in diverse fields, environments, and languages, with volunteering projects around the world.
- Familiar with project management.
- Interested in environmental issues and renewable energies, specifically biogas production and sustainable development.



## WORK EXPERIENCE

### Junior Researcher

BioResources & Technology Division (BRT) at FTZ/CZU

Sep. 2022 - Ongoing

- Plastic waste management assesment in Laos
- Project management of Reactor startup in Bhutan
- Laboratory R&D projects for automation
- Open science researcher, uncovering new reporting and data sharing methods.
- Development of Scientific database and Web platform.
- Phd student, the technical development of biogas plant designs, uncovering technologies and adapting to different scales
- Researcher at SUEZ (6 m), to bridge the gap between academics and professional sectors. In charge of operational management of pilot reactor performance.

### Developer

- Game content creator in Java

### Volunteer

Tierra Madré Project

Feb. - Jul 2020

- Costa Rica
- Participated in the development of the Tierra madré project on Touristic and Agricultural activities, for 4 months



## EDUCATION HISTORY

### Ph.D.

Czech University of Life Sciences, Prague

Ongoing

- Prague, Czech Republic

### Master of Sciences in Wildlife Management and Conservation

Czech University of Life Sciences, Prague

Year of Graduation: 2022

- Prague, Czech Republic
- Dissertation research on the antipredator behaviour of naïve horses
- Graduated with honours

### Bachelors in Bioengineering

Université libre de Bruxelles (ULB)

Year of Graduation: 2018

- Brussels, Belgium
- Graduated with Distinction

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## LANGUAGE SKILLS

- **English** - fluent
- **French** - native speaker
- **Dutch** - native speaker
- **Spanish** - A2

## OTHER SKILLS AND EXPERIENCES

- Deep understanding of biogas technology and lab experiment in the field with other interest and competence in renewable energies, waste management and Sustainable environmental development. Different experiences and studies also brought me a good knowledge of agriculture research
- Computer science skills in Java, python, Linux , MS Office and hardware
- Soft skills include teamwork, problem solving and proactive attitude