

David Lefebvre



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After his MSc in tropical agronomy from the ISla (Belgium) in 2015, David spent two years working both in Burkina Faso and Peru. In Burkina Faso, David worked as part of a cooperation project where he designed and built small scale, biochar producing, gasifiers aimed to be used as cooking devices by local, small-scale farmer. And in Peru he led the production of biochar as amendment for a science-based reforestation project.

In 2021 David obtained his PhD from Cranfield University (England) with a thesis titled "*Life Cycle Assessment of Land-Based Greenhouse Gas Removal Technologies*", during which he applied the LCA methodology to enhanced-weathering, biochar, and reforestation practices.

Since March 2022, and thanks to MITACS fellowship, David shares his time between UBC where he studies the carbon capture potential of biochar from forestry residues as a Postdoctoral fellow and Brightspot, an independent climate change and energy consultancy.

EDUCATION AND TRAINING

- PhD. Environmental Science, Cranfield University, Cranfield, United Kingdom, 2021
- M.Sc. Tropical Agronomy, Haute Ecole Charlemagne, Institut Supérieur Industriel en Agronomie, Huy, Belgium, 2015
- B.Sc. Engineer in Agronomy, Haute Ecole Charlemagne, Institut Supérieur Industriel en Agronomie, Huy, Belgium, 2013