

What do you bring to the table?

Decarbonization Research



PhD

Environmental Sciences
Soil Structure and
Decarbonization Research
University of Guelph

What is Decarbonization?

- Reducing carbon footprint of food production
- Reducing the production of greenhouse gases
 - carbon dioxide, methane, and nitrous oxide
- Slowing the impact of climate change

Circular Food Economics

The process of reutilizing food waste that would normally get to landfills to produce fertilizer and soil amendments to be used on farms. Food waste gets repurposed and placed back into the production system



Goals with Decarbonization



Emissions from agricultural production cut by 30% by 2035. Emissions reaching net 0, meaning them being *completely* offset by 2050.



Ibrahim's Advice

1. Be interested in the environment
2. Keep an open imagination
3. Stay curious

There are many ways to get into this field of research. Environmental Sciences is a broad subject that allows you to explore a variety of topics, including studying the structure of soil!

**Decarbonization
is essential to
helping the
environment**