

# PhD Position in Life Cycle Assessment of Urban Agricultural Practices

[Sustainable Research Management Lab](#), [Department of Geography and Environment](#)  
Western University London, Ontario, Canada

Research Overview: Motivated PhD candidate needed for innovative research on greenhouse gas (GHG) emissions in urban and peri-urban agriculture. The candidate will collaborate with, and build on, field data collection in and around Toronto. The ToSustain project, led by Dr. [Issac](#) at UofT Scarborough, brings together an interdisciplinary team, recruiting over 14 graduate students to investigate how urban agriculture can contribute to net-zero cities and agriculture. This position will allow the candidate to:

- Develop specialized GHG accounting models for urban agriculture
- Construct scenarios for a diversity of plausible and desirable futures
- Include a potential focus on the impact of nutrient management, irrigation, and crop choice on emissions
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## Funding Details:

- Approximately \$33,000 annual funding via
  - Teaching assistantship during semesters
  - Department graduate fellowship
  - Summer project funding

## Application Specifics:

- Start Date: September 2025
- Expression of Interest: By **December 31st, 2024** to set up a zoom meeting to prepare the formal application to the department together
- Application Deadline: January 31st, 2025

**\*\*Priority given to Canadian citizens and permanent residents**

## Candidate Requirements:

- Master's degree in environmental science, agricultural sciences, sustainability, geography or related field
- Familiarity with footprint analysis, life cycle assessment, or GHG emissions modeling
- Strong statistical and research skills
- Good communication (especially written) skills

## To Apply:

**Send an email to Dr. Geneviève Metson at [gmetson@uwo.ca](mailto:gmetson@uwo.ca) with**

- What aspect of our research you are interested in (be specific)
- A copy of your unofficial academic transcripts
- Your CV
- A writing sample