

# PhD or MSc Position in Nutrient Dynamics of Urban Agricultural Practices

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

Research Overview: Motivated graduate student candidate needed for exciting research on nutrient flows in urban agriculture. The project aims to understand and mitigate nutrient losses while supporting the resilience of food, water, and waste systems in a changing climate. The successful candidate will:

- Design and implement in-garden and controlled field water monitoring techniques
- Collect primary data on phosphorus and nitrogen losses and process them in the lab
- Focus on temporal dynamics of nutrient losses under climate change

Funding Details:

- Approximately \$23,000-33,000 annual funding via:
  - Teaching assistantship during semesters
  - Department graduate fellowship
  - Summer project funding

Application Specifics:

- Start Date: September 2025
- Expression of Interest Deadline: **December 31st, 2024**
- Full Application Deadline: January 31st, 2025

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

Candidate Requirements:

- Master's degree in environmental science, agricultural sciences, ecology, geography or related field
- Experience with one of the following:
  - Nutrient flow analysis
  - Water quality monitoring
  - Experimental design
- Excited about fieldwork
- Good communication (especially written) skills

To Apply:

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

- Specific research interests related to the project
- Unofficial academic transcripts
- Comprehensive CV
- Writing sample demonstrating research capabilities