



ENSU 1000: LEADERSHIP IN ENVIRONMENTAL SUSTAINABILITY

Verification Form

Category F – Course Related Work

Name: Gursevak Uppal

Points Earned: 5

Please check the category that applies to you:

- Create or write a paper, poster, or project for a class (1 point)
- Present within TRU (3 points)
- Present or publish a paper, poster, or project outside of TRU (5 points)

TO VERIFY: Please attach a copy of your coursework and write a reflective paragraph of your coursework and how it relates to environmental sustainability in your e-Portfolio. If you presented your work, please complete the section below.

Location of Presentation: University of Alberta

Summary of the Presentation:


This study examines arsenic contamination in food sources, particularly mushrooms and vegetables, which can accumulate arsenic from agricultural and industrial activities. By identifying and quantifying different arsenic species, the study helps determine whether these food sources pose a health risk. This knowledge is imperative for improving food safety, informing agricultural practices, and guiding policies on contamination limits. Ultimately, the research supports sustainable food systems by promoting safer cultivation methods and reducing human exposure to toxic environmental pollutants.

Dates/Duration of Presentation: October 18, 2024

Verification by Third Party Individual:

Name: Dr. X. Chris Le
Fellow of the Royal Society of Canada, Academy of Science. Director,
Title: Analytical and Environmental Toxicology Division
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Email: xc.le@ualberta.ca

I hereby certify that the information provided above by Gursevak Uppal is accurate and worthy of consideration for the Certificate of Leadership in Environmental Sustainability at TRU.



Signature

March 20, 2025

Date