

Biology Seminar



Western
UNIVERSITY • CANADA

12:30 - 1:30 pm
Friday, October 17, 2025
BGS 0165



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From ants to airplanes: Tracing tropical nitrogen emissions across scales

Nitrogen cycling underlies productivity, species interactions, and the climate feedbacks of tropical forests. As one of the most elusive steps of the nitrogen cycle, denitrification serves as both a pathway for production of climate-warming greenhouse gases, and a potential reflection of nutrient limitation to organisms. In this seminar I'll explore research using diverse approaches- from remote sensing to stable isotope ratios- to reveal patterns of denitrification in tropical forests, including unexpected roles for charismatic fauna.

