



The Western Skylark CubeSat Project



About Us

The Western Skylark CubeSat enhances wildlife tracking by collecting space-based data on migratory songbirds, waterbirds, and shorebirds. We provide hands-on training for students in CubeSat construction and operation. Our project contributes to a better understanding of animal movements and supports conservation efforts.



\$350,000
3-year
project



Western
Institute for Earth
& Space Exploration



Western
Centre for Animals
on the Move



Project Objectives

- Build, launch, and operate The Western Skylark CubeSat.
- Enable near real-time data flow from the Motus small animal tracking systems.



- Gather critically important data on migratory songbirds, waterbirds, and shorebirds.
- Provide hands-on training for students in CubeSat construction and operation.
- Foster cross-disciplinary collaborations.

