

Permit 2015-003

Name:

Shanon Donnelly

Department or Organization:

UA Dept. of Geosciences

Email Address:

sd51@uakron.edu

Are you requesting renewal of a previously approved permit applicaton?

No

Type of activities at The University of Akron Field Station and Bath Nature Preserve
Research

Title of project or class name and course number:

Mapping Vegetation Using Small UAVs

Date/Dates requested:

Summer/Fall 2015

Number of people in group:

2

I am requesting permission to use a Research Area.

Yes

I am requesting permission to use a Sensitive Area.

Yes

I am requesting permission to use areas outside of the designated Research or Sensitive Areas.

Yes

I would like to use the Martin Center for Field Studies and Environmental Education for this prop...

No

Will the activity involve destructive sampling/collecting?

No

Which Research Areas?

18 Acres

Beefy's Woods

Garden Pond

Grandview Alley

Round Top
South Woods

Which Sensitive Areas?

Bath Pond
Garden Bowl
North Fork
Tamarack Bog / Wetland

Which areas outside of the designated Research or Sensitive Areas?

Public Access areas of Bath Nature Preserve
Steiner's Woods
Panzner Wetlands

Provide a brief description of (1) your proposed activities, (2) goals, and (3) impacts of your u...

The proposed activity is to use a small UAV to collect imagery. The UAV is a helicopter approximately two feet in diameter with six propellers. The collected imagery would be used to create a 3D map and vegetation maps of the Bath Nature Preserve and Panzner Wetlands. The impacts of data collection will be minimal in that the UAV will fly at an altitude of 300-400 feet above the ground and so will not be very visible or audible. The data collected will be used to map and monitor changes in vegetation and will be provided for use by other projects. If there are specific areas that should not be mapped, they can be excluded from the project.

By checking this box, I agree to the above terms and state that all of the above information is c...
I agree