

Field Name	Field Value
Name	Heath Garris
Organization	University of Akron Department of Biology
Phone	864-313-2366
email	hwg3@zips.uakron.edu
Web_Address	
Renewal	No
Permit_Number	2010-002
Activity	Research
Project	Open Top Chamber (OTC) climate manipulation validation
Dates	3-25-10 --> 10-25-10
Group_Size	2
Research_Area	Yes
Eighteen_Acres	Yes
Sensitive_Area	No
Other_Areas	No
Building	Yes
Prep_Work	
Sampling_Collecting	No
Sampling_Methods	
Description	I intend to construct a maximum of ten ~1.5 meter X ~1.5 meter open top chambers (consisting of wooden stakes and clear plastic) in the field immediately NE of the Field Station House to assess different designs for efficiency in elevating daytime temperatures above ambient. Structures will be established in March 2010 and removed in October 2010. Vegetation and soil microbiota will be subjected to a ~1-3 degree C elevation of air and soil temperature, which may impact community composition and soil metabolic processes within the plots. We anticipate these effects to be transient following removal of the chambers, having little to no lasting impact on the community.
Agreement	Accept