



STUDENT SUSTAINABILITY COMMITTEE

**Funding Award and Acceptance Letter**

**December 17, 2019**

**Project: Census of Trelease Woods – Phase 2**

Dear Mx. James Dalling:

On behalf of the University of Illinois at Urbana-Champaign Student Sustainability Committee (SSC), I would like to thank you for considering the funds raised by the Sustainable Campus Environment Fee to implement a project that improves the sustainability of our campus. SSC is pleased to inform you that we are recommending to the Institute for Sustainability, Energy, and Environment (iSEE) that your project receives **\$64,496** in grant funding.

In order to remain eligible for this award, you must agree to the following conditions:

1. A final report of all work completed should be provided to the SSC Program Coordinator by December of 2021.
2. Project status updates and detailed account statements must be provided at the end of each semester, in the method requested, until the project is completed.
3. The Contact Person will be individually responsible for all official communication and the execution of this agreement.
4. The CFOP provided for this award shall strictly be used for the money awarded in this proposal.
5. Any substantial modifications to project scope, budget, or timeline must first be approved by SSC. These requests must be submitted in a formal letter to the Chair and Coordinator.
6. All projects will be expected to follow campus policies and procedures as well as any applicable State and Federal laws.
7. SSC reserves the right to revoke funding if the project does not comply with the terms and conditions outlined in this letter.
8. Any press releases or educational/promotional materials involving the project should acknowledge SSC funding.
9. Any signage involving the project or events surrounding this project should include SSC's logo and/or a statement of which fee funded the project. Projects must coordinate with SSC to ensure promotion appropriately highlights the SSC's contributions to the project.

If you agree to the terms and conditions for the funding, please sign on the designated line at the bottom of this letter. If you have any questions regarding these requirements please contact the SSC, at [sustainability-committee@illinois.edu](mailto:sustainability-committee@illinois.edu). You will be notified when the Institute for Sustainability, Energy, and Environment and Vice Chancellor for Student Affairs officially approves this project. Again, thank you for your interest in improving the sustainability of the University of Illinois at Urbana-Champaign. We look forward to working with you in the future.



STUDENT SUSTAINABILITY COMMITTEE

**SSC Signatories**

Joseph Edwards, Chair  
Student Sustainability Committee

Jonah Messinger, Treasurer  
Student Sustainability Committee

**Awardee Signatory**

James Dalling  
Applicant

**iSEE Signatory**

Dr. Evan DeLucia, Director  
Institute for Sustainability, Energy & Environment

**Student Affairs Signatory**

Dr. Danita Brown Young  
Division of Student Affairs



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**Project Information**

**Project:** Census of Trelease Woods – Phase 2

**Funding Source:** Sustainable Campus Environment Fee

**Funding Amount:** \$64,496

**Receiving Campus Unit:** School of Integrative Biology

**Unit Financial Contact:** Penny Broga

**E-mail:** broga@illinois.edu

**Project Description:**

We request funding to complete the first full inventory mapping and measuring every tree >1 cm diameter in the 24 ha Trelease Woods. During phase 1 (Fall-Spring-Summer-Fall 18-19 with SSC support) 69 students, primarily from LAS, ACES and AHS, were trained in forest inventory methods, laser mapping and species identification and collectively tagged and measured 17,675 trees. However, we have been unable to complete the census (10.5 ha in the north of Trelease Woods remain to be mapped). This shortfall reflects the complexity of the challenge (organizing 8-10 teams of students working 7 days a week), weather restrictions (extremely wet Spring and early summer 2019) and under-estimation of total stem number. Completing the census in a timely manner (i.e. under 2 years) is crucial to ensuring utility of the data and to incorporating our data set into the forest global monitoring network (Forest Geo) we plan to join. In this second phase we will be able to:

- Train an additional 50+ undergraduates in forest mensuration and carbon budgeting/monitoring
- Submit the census data to ForestGeo –providing access to Illinois students to forest data and internship opportunities across the global network (>70 forest sites worldwide)
- Continue our efforts this year to develop lab activities for undergrad classes that use the data to teach methods for analysis of forest carbon storage
- Educate students on the critical importance of forests in mitigating and reducing carbon emissions
- Add a new soil carbon inventory and map of Trelease Woods
- Develop a student-led environmental monitoring program at Trelease Woods aimed at correlating forest productivity and soil respiration responses to short-term climate fluctuations

This proposal directly funds:



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1. Wages
2. Calipers, Tags, Batteries, Inserts, Battery Chargers
3. Dendrometer band materials, PVC collars, Moisture meters, Stem thermometers