



STUDENT SUSTAINABILITY COMMITTEE

Funding Award and Acceptance Letter

May 4, 2016

Project Leaders: Yu-Feng Forrest Lin

Project: High Resolution Temperature Profiling and Thermal Analysis for Geothermal Energy

Dear Sir:

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 the High Resolution Temperature Profiling and Thermal Analysis for Geothermal Energy Project **receives \$62,325 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 Advisor by January 31, 2018.
2. Project status updates and detailed account statements must be provided at the end of each semester until the project is completed.
3. The CFOP provided for this award shall strictly be used for the money awarded in this proposal.
4. 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 Program Advisor.
5. All projects will be expected to follow campus policies and procedures as well as any applicable State and Federal laws.
6. SSC reserves the right to revoke funding if the project does not comply with the terms and conditions outlined in this letter.
7. Any press releases or educational/promotional materials involving the project should acknowledge SSC funding.
8. 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.
9. Projects must participate in the Campus Sustainability Symposium at least once before June 30, 2018.

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 Chair, Paul Couston, at pcousto2@illinois.edu or the SSC Coordinator, Micah Kenfield, at kenfield@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

Paul Couston

Paul Couston, Chair
Student Sustainability Committee

Marcous Phillips

Marcous Phillips, Treasurer
Student Sustainability Committee

Awardee Signatory

Yu-Feng Forrest Lin

Yu-Feng Forrest Lin
Illinois State Geological Survey

iSEE Signatory

Evan DeLucia

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

Student Affairs Signatory

Renee Romano

Dr. Renee Romano
Division of Student Affairs



STUDENT SUSTAINABILITY COMMITTEE

Project Information

Project: High Resolution Temperature Profiling and Thermal Analysis for Geothermal Energy

Funding Source: Sustainable Campus Environment Fee

Funding Amount: \$62,325

Receiving Campus Unit: Illinois State Geological Survey

Primary Contact: Dr. Yu-Feng Forrest Lin

E-mail: oyu@illinois.edu

Secondary Contact: Andrew Anderson

E-mail: acandrsn@illinois.edu

Project Description:

Given the University of Illinois' existing reliance on coal-fired steam heating for many buildings, significant changes to campus infrastructure will be required in order to move to being truly carbon neutral. One possible option is geothermal heating, but there is somewhat of a lack of information about the feasibility of geothermal systems on campus.

This project will conduct a series of high-detail observations of the geothermal profile of campus and analyze the data. The results of the study will help identify the costs and possible challenges associated with adding a significant amount of geothermal heating systems to campus.

This proposal directly funds:

1. Equipment and supplies to conduct the experiments
2. Wages for students to assist with the project
3. Off-site analysis from experts in the field of geothermal heating