

The Illinois Geothermal Collaboration Project supports the wider use of geothermal energy systems through the dissemination of results from basic and applied research to the residents of Illinois. This information demonstrates the potential energy efficiency and environmental benefits, and the overall financial savings in heating and cooling homes and businesses using the ambient thermal energy underground.



*The Geothermal Collaboration Project is supported by the University of Illinois Extension and Public Engagement Connection Center through their Extension Collaboration Grants program. This program supports the discovery and translation of university research into applied information and education that is disseminated through the University of Illinois Extension's statewide network with the goal of applied use by a target audience.*



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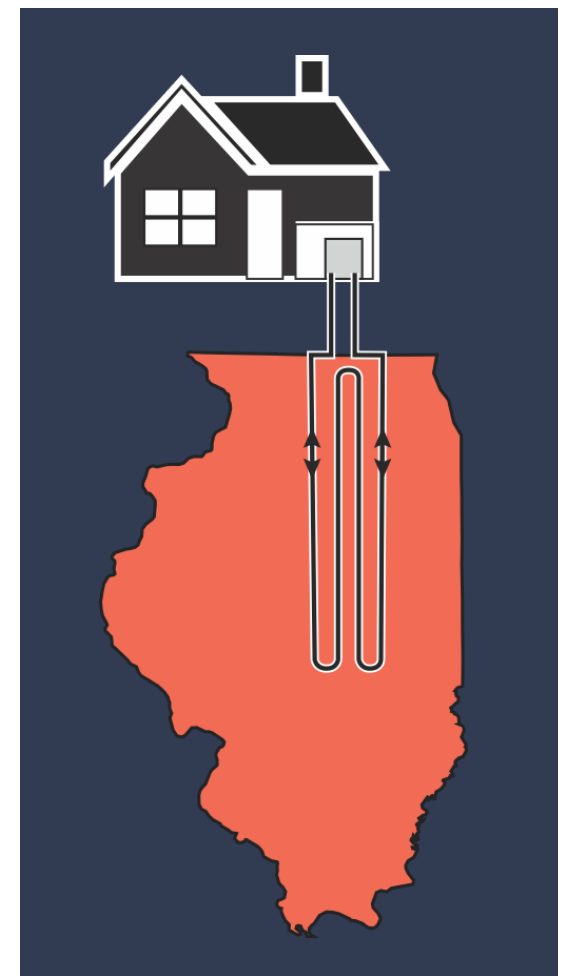
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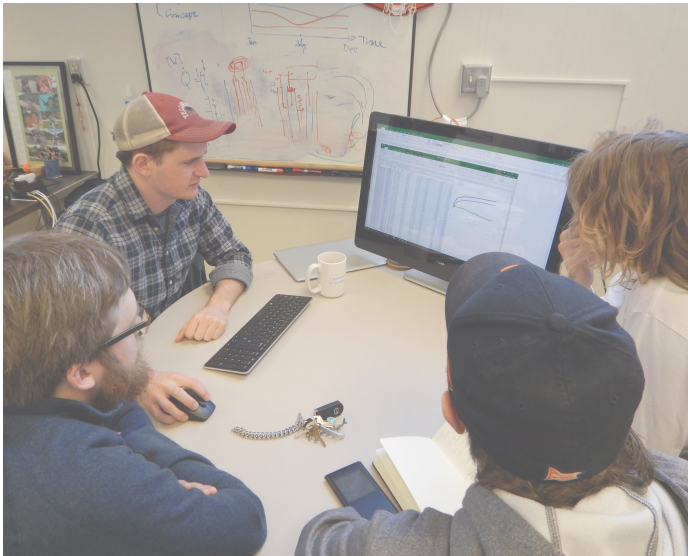
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# ILLINOIS

GEOTHERMAL  
COLLABORATION  
PROJECT





# ILLINOIS' GEOLOGY AND CLIMATE ARE IDEAL FOR GEOTHERMAL ENERGY SYSTEMS

## OBJECTIVES

This effort has developed a technical and outreach and education program that supports the wider adoption of geothermal energy systems in Illinois. With the Illinois Geothermal Coalition we are engaging the geothermal industry and government officials to address their critical needs that support training of a highly skilled workforce.

A decision support tool is being developed to assist decision makers and stakeholders to implement geothermal energy for long-term solutions.

## OUTCOMES

The project involves a coordinated state-wide education and outreach program that introduces all aspects of geothermal energy pertinent to Illinois. It provides a venue to discuss potential benefits to the residential, commercial, agricultural, and industrial sectors.

Our effort will demonstrate how public stakeholders in rural and urban areas can use geothermal energy systems to exploit Illinois' favorable geology and climate.

## PROJECT TEAM

- Prairie Research Institute, Andrew Stumpf
- U of I Extension, Jay Solomon
- U of I Grainger College of Engineering, Tugce Baser
- U of I Extension, Nancy Ouedraogo
- Geothermal Alliance of Illinois
- U of I Institute of Sustainability, Energy & Environment
- U of I Facilities & Services
- Illinois State Geological Survey
- Illinois Water Resources Center
- U.S. Army Corps of Engineers
- City of Urbana
- Geoexchange Organization

## Project Timeline

