

# Southern Illinois Areawide Water Quality Management Planning Carbondale Urban Heat Island Pilot Study

**Introductory meeting: Thursday, December 15, 2022 9:30AM  
Hosted by Greater Egypt Regional Planning and Development Commission**

## **Meeting Minutes**

Attendees:

1. Tyler Carpenter
2. Kelsey Bowe
3. Michael Ziarnek
4. Dr. Ruopu Li, Geography and Environmental Resources, SIU Carbondale
5. Jane Cogie, Carbondale Sustainability Commission Member
6. Angelique (Angie) Kuehl - Jackson County Health Department
7. Lauren Becker - City of Carbondale Planner & Sustainability Coordinator
8. Stephanie Eichholz, Green Earth, Inc.
9. Lauren Becker - City of Carbondale Planner & Sustainability Coordinator
10. Aur Beck, Carbondale Sustainability Commission

Kelsey Bowe from Greater Egypt presented an introduction to this project which included an overview of the grant, description of Urban Heat Islands and study area, project goals and objectives, estimated scope of work, planning group roles, and examples of GIS outputs.

Tyler Carpenter gave an overview of IEPA grant programs and potential projects that could be funded in the future.

The meeting was then open for comments:

Jane Cogie mentioned she would like to see equity of different areas taken into account for the priority scoring, and that the Tree Equity Score Index may be a good starting point. Angie Kuehl was in agreement with this opinion, as was Lauren Becker.

Dr. Li mentioned that when altering the scoring index, that correlation should be taken into account. Landcover and canopy cover may not both be needed, as they are a similar measurement for the context of this project.

Lauren also mentioned that city zoning areas may be useful for the index. She also says the city has several sustainability measures in place or have been proposed, and is excited for how the results of this project will aid the city in future decisions.

Attendees present agreed that monthly meetings would be sufficient for project updates and progress. Greater Egypt will prepare a fillable form for planning group members to submit their opinions and ideas and send out before the next meeting.

The meeting was adjourned. Slides and minutes will be sent out to attendees and posted online.