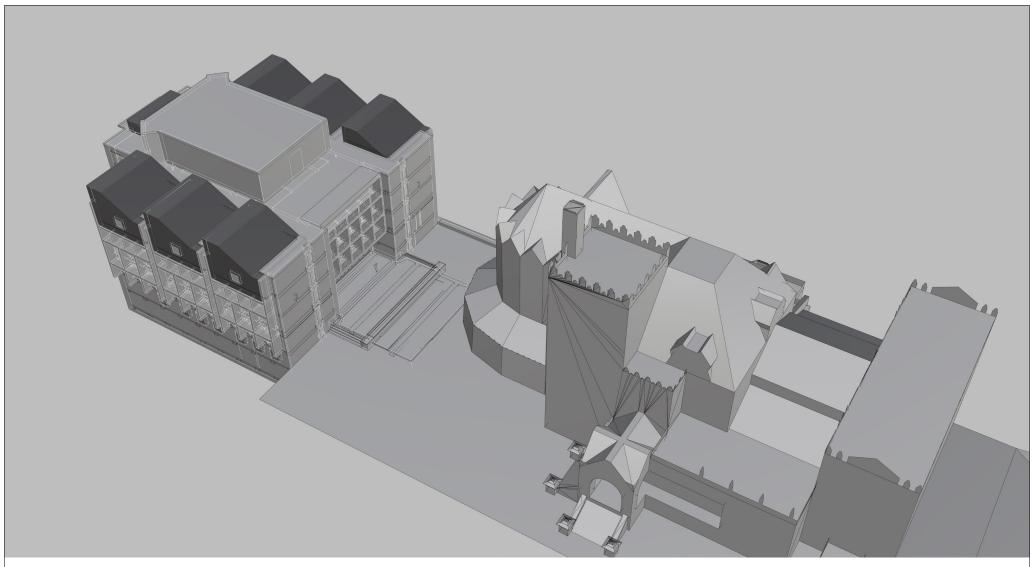


Shading in front of Meyerson Hall

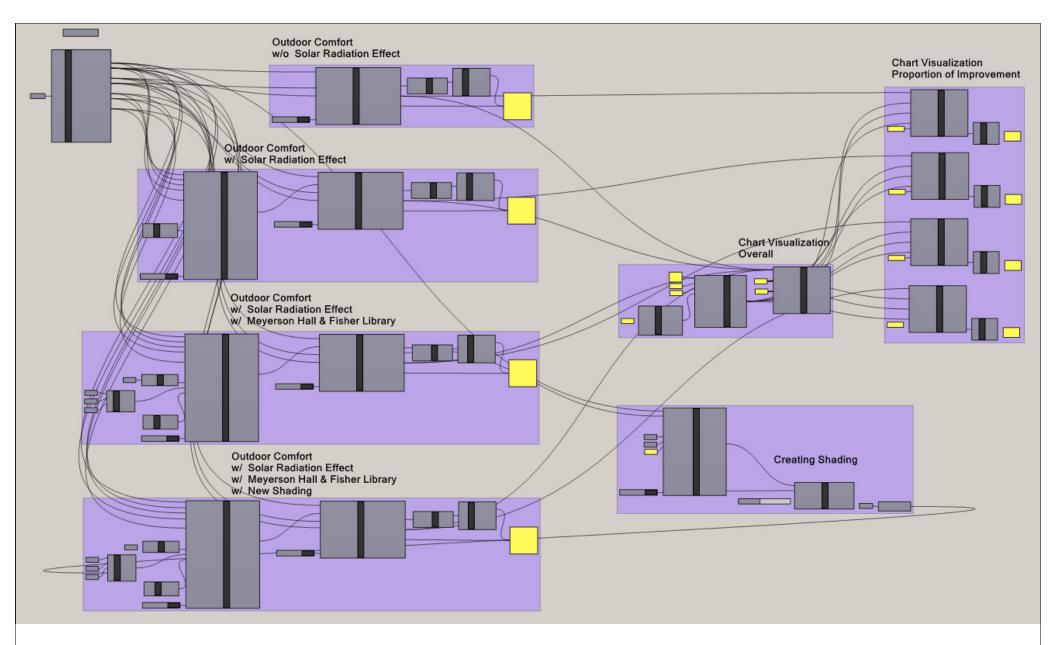


City: Philadelphia, PA

Latitude: 39.8683 Longitude: -75.2311

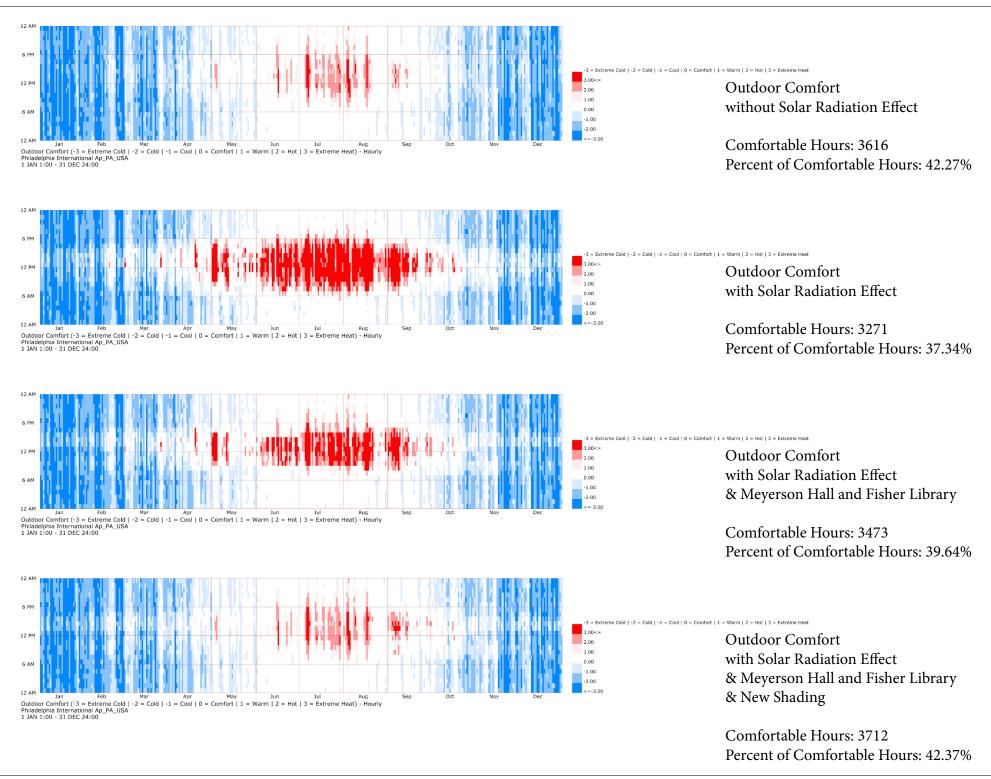
Purpose of the study:

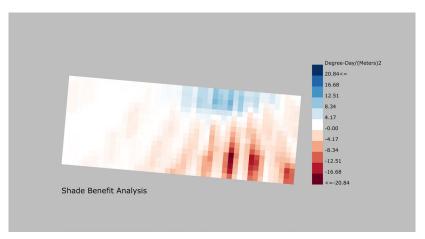
Evaluating the outdoor comfort in front of Meyerson Hall and creating a shading component that can improve outdoor condition of the location.

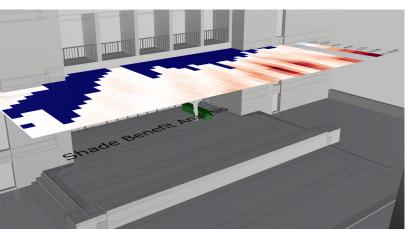


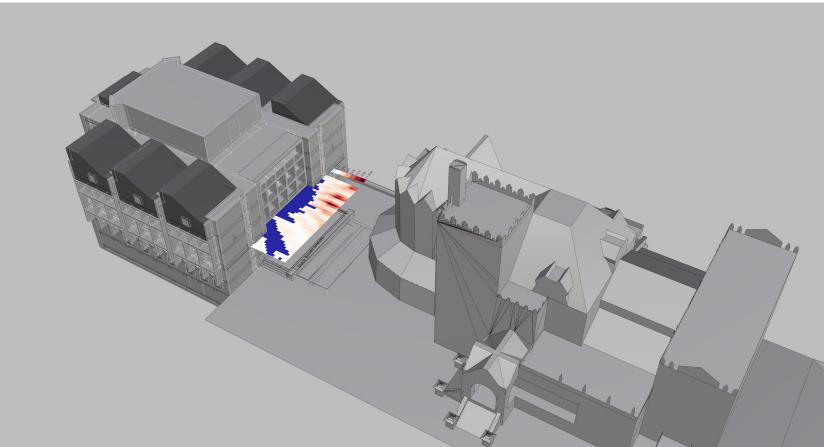
Overall Grasshopper Workflow:

- 1. Experiment four different conditions according to the solar radiation and context shadings
- 2. Creating a shading visualizing
- 3. Evaluating improvement of outdoor condition of the space in front of Meyerson Hall

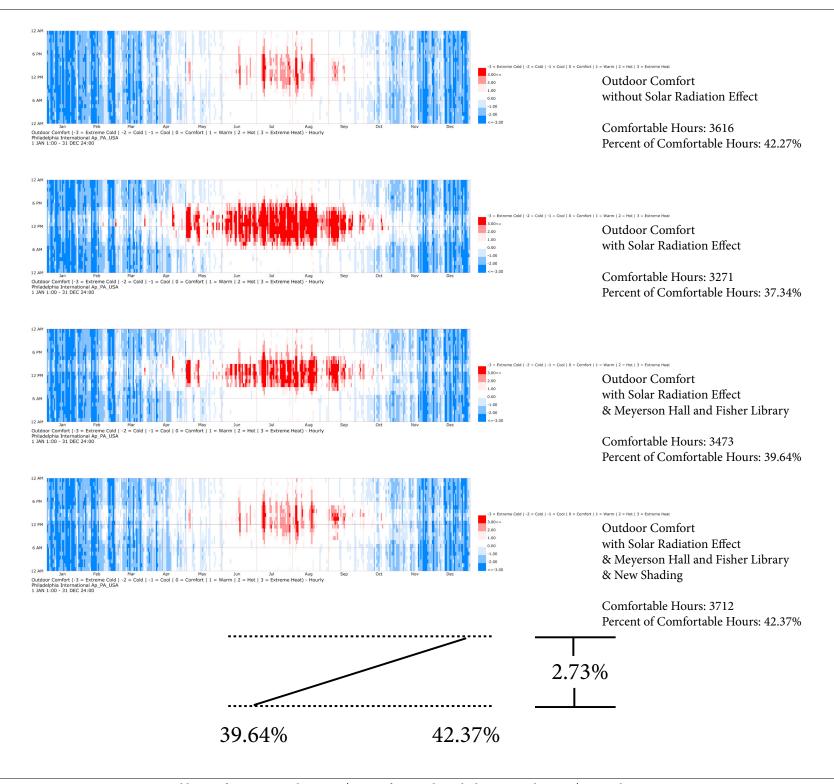


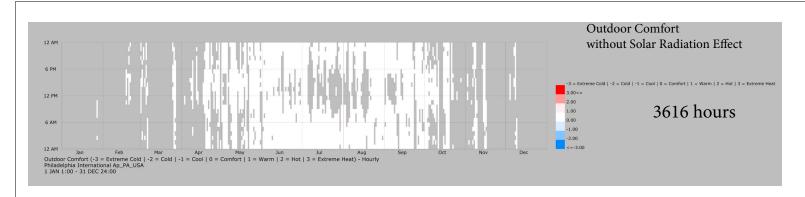


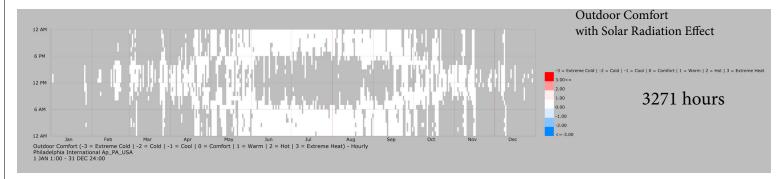


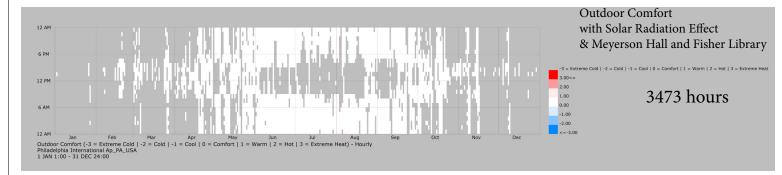


Shade Benefit Analsysis & Creating Shading









By only creating shadings, changing cold period into comfortable time is impossible.

Thus, it is proper to compare onlycomfortable hours for evaluating of improvement.

