Assignment: Visualization of ENVI-met microclimate simulation data

You are provided with two simulation outputs from the ENVI-met microclimate model, each representing different scenarios. The first scenario illustrates the current or "status quo" conditions, while the second scenario (optimized) includes various mitigation measures aimed at optimizing thermal comfort in the area.

- Status quo data file
- Optimized data file

Your task is to develop Python scripts that generate clear, insightful visualizations of these data outputs. These visualizations should enable users to easily interpret the results, compare the two scenarios, and gain a comprehensive understanding of how the mitigation measures affect thermal comfort.

The final output should present the visualizations in a report-style format, ensuring that the graphics effectively communicate the differences between the scenarios including some short information about what and why it is shown.

The provided data contains:

- The input data of both simulation runs
  - model area (INX-File)
  - simulation config (SIMX-File)
  - project information (INFOX-File and EDB-File)
  - climate input data (FOX-File)

- The output data of both simulation runs
  - netCDF file format