Instruction on Running REVISE 2.0

The REVISE 2.0 is runnable in both windows and Mac OS. Please follow the instructions below to correctly run REVISE 2.0.

Step 1: Check Prerequisites

Please ensure Java SE Runtime Environment (JRE) 8.X is installed in the computer. Please visit the link to download and install JRE 8.X if necessary.
https://www.oracle.com/technetwork/java/javase/downloads/jre8-downloads-2133155.html

Step 2: Run REVISE 2.0

- For windows user: double click “run.bat”
- For Mac OS user: double click “REVISE.jar”

The following program should appear as shown in Figure 1.

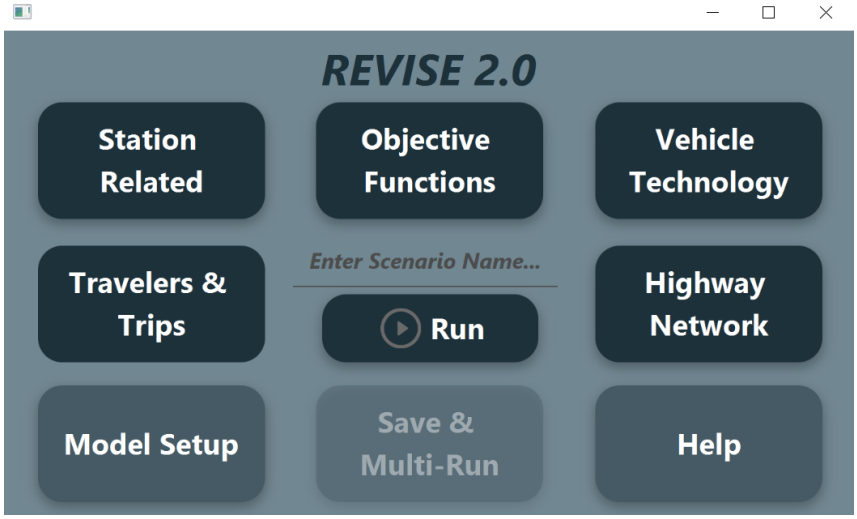


Figure 1. Main Page of REVISE 2.0

Step 3: Test REVISE 2.0

- Click “Model Setup” in the main page as shown in Figure 1. The model setup page should appear as shown in Figure 2.

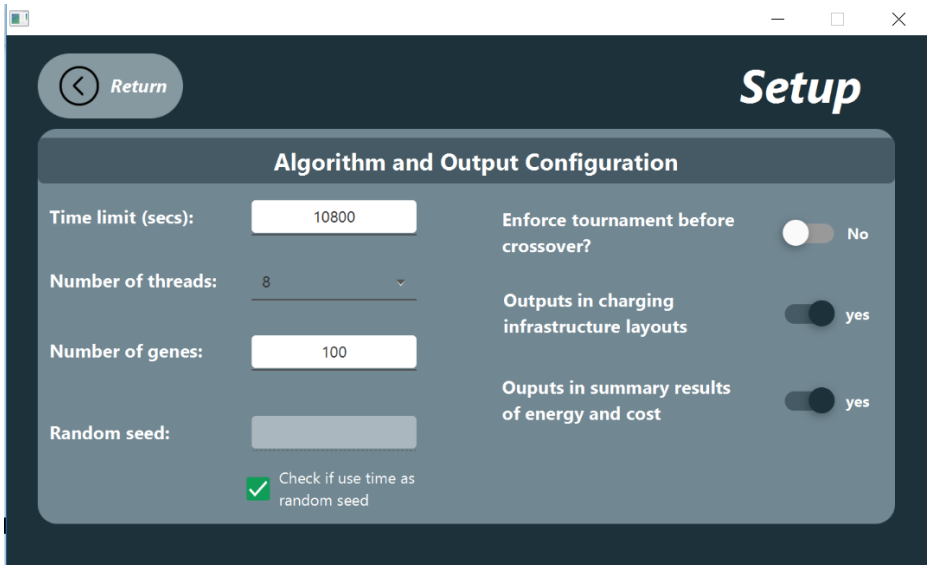
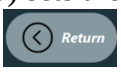


Figure 2. Model Setup Page of REVISE 2.0

- In model setup page (Figure 2), the first field (default value: 10800) sets the time limit for program run. Set to a shorter time for testing (e.g., 60). Then click 

in the upper left corner to return to the main page.
- Provide a scenario name by in the field 

in the main page (Figure 1). You can choose name as **test1** for example.
- Click 

(Figure 1) for running the program. The program running page should appear as shown in Figure 3.

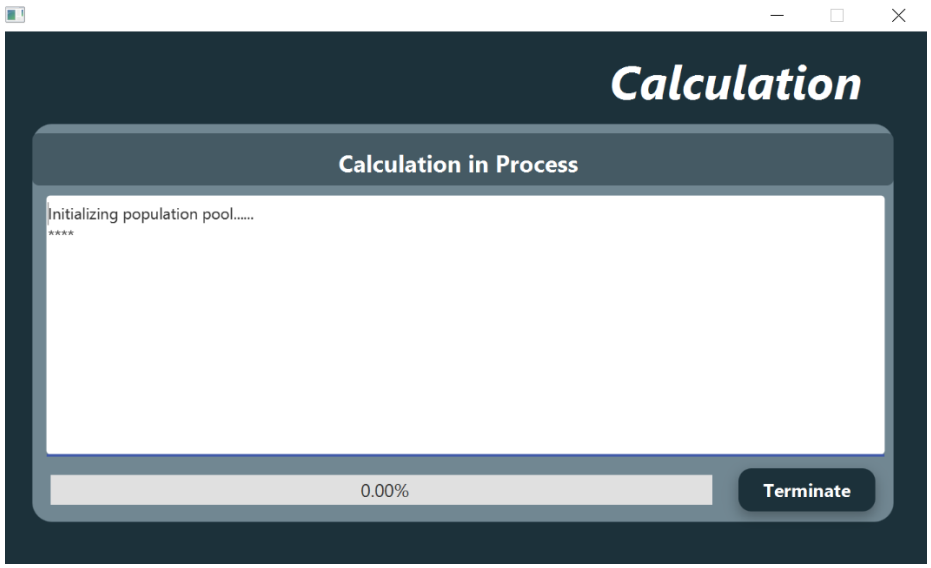


Figure 3. Program Running Page of REVISE 2.0

- When the processbar shows 100%, and the output text field finally shows “printing results.....done”, the results are ready. The results files are in the “REVISE” folder. Three result files are outputted as follows:
    - scenarioName_process.txt (containing calculation process)
    - scenarioName_station_results.csv (containing station results)
    - scenarioName_summary.csv (containing energy, cost, and VMT summary results)

Step 4: Run REVISE 2.0 with user-defined inputs

The REVISE 2.0 is loaded with default parameters on different key assumptions (e.g., vehicle and station related parameters). Users could change these parameters by clicking other buttons in the main page (Figure 1). For example, after clicking 

, users will visit the station related parameter page where users could set up user-defined station related parameters.

The full instruction document on detailed inputs and REVISE 2.0 functionalities will be provided in a separate file. For questions or comments, please contact Fei Xie (xief@ornl.gov).