**GUIDE TO USING SIMBA**

**Getting started:**

Download the latest version from the server: <https://128.146.169.150:8443/summary/Simulation.git>

Click on the latest version, look for tree under “commit” and click on the “tree” link. Look for “Deployment Package” and click the “zip” link to download SIMBA

Once the zipped folder has been downloaded, unzip the folder by right clicking it and clicking **Extract All.**

**Running SIMBA:**

Run SIMBA.exe in the downloaded folder.

*Starting SIMBA may take a while the first time. Be patient*

1. SIMBA should open after it finishes loading. There should be three main panels. The left panel is also known as the input panel. This is where the user will enter and change parameters. On the right, is the output panel. This panel shows the results from the simulation. Lastly, there is a status panel on the bottom which updates the users about what the program and user is doing.

**TO START:**

Open the template project located in the folder you downloaded. To do this, look for the “Open Project” button near the top of the screen. You can find the template project in the “test\_in” folder which SIMBA.exe is located with. From there, pick one of the projects folders and then open **“OPTIONS.csv”.** The OPTIONS.csv file is the project file pointing to the files that make up the project (parameter files)

At this point, you can add new parameter files to the project, remove parameter files you don’t want or copy the current parameter file values to a new file.

Each parameter file in a project can be found in the drop down list located just under “Open Project”. You can select a parameter file you want to edit here and then make the changes you wish to it. When you are happy with the parameter file changes, you can then save that specific parameter file or all the parameter files in a project.

**DO NOT DELETE “NoDelete.csv” FILE FROM PROJECT!**

After the parameter files have the values you want to run through the simulation, simply hit the white arrow button called “Run Simulation”. The simulation process could take anywhere from 30 seconds to 5 minutes depending on how many files are in the project file you are working on. The results will then display in the right “output” panel. All the data found here can also be found in the “Output Directory” field right above the output panel. If you wish to save the files somewhere else, you can change the field to where you want the parameters output files to be saved.

By default the Out Directory will be the in the “test\_out” folder of the project folder.

**TO CREATE A NEW PROJECT:**

Copy and Paste the “Project Template” folder to the project location you want. Opening the project is the same as before.