

BIOE 370 Populus Instructions

The modules on population growth, interspecific competition and predation include computer exercises using the software Populus to better understand models of population dynamics.

Populus runs on both Macs and PCs. Download it free at:

<https://cbs.umn.edu/populus/download-populus>

Carefully read and follow the instructions appropriate for your computer.

1. If you do not already have Java installed, you will have to download and install it. The site for this is: <https://www.java.com/en/download/manual.jsp>. There are instructions there, and note that you might need to restart your web browser before the new installation of java will be functional.
2. Then download Populus. When downloading it, pay attention to where you save the file, which is named PopulusAll_Jan_2018.jar. If you have any confusion about this step, I recommend saving the program (or a shortcut) on your desktop and running it from there.
3. Double click the Populus icon (file) and its main menu will launch.
4. Go to Model at the top left of the Populus menu bar, and launch the correct model. The models are specified in the handouts for each computer lab, which walk you through a set of exercises for each model.
5. Populus has a very clear and useful help tab (in the menu), with good, short explanations of each model.