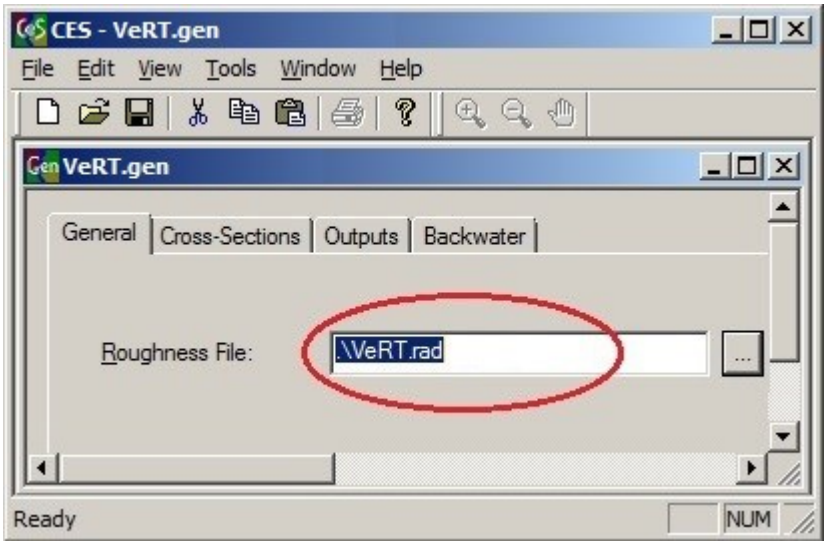
VeRT - Vegetation and Roughness Tool

The Tool takes the information that has been provided and automatically generates the input files that CES requires. To open the CES software and load this data for the analysis, follow the following steps:

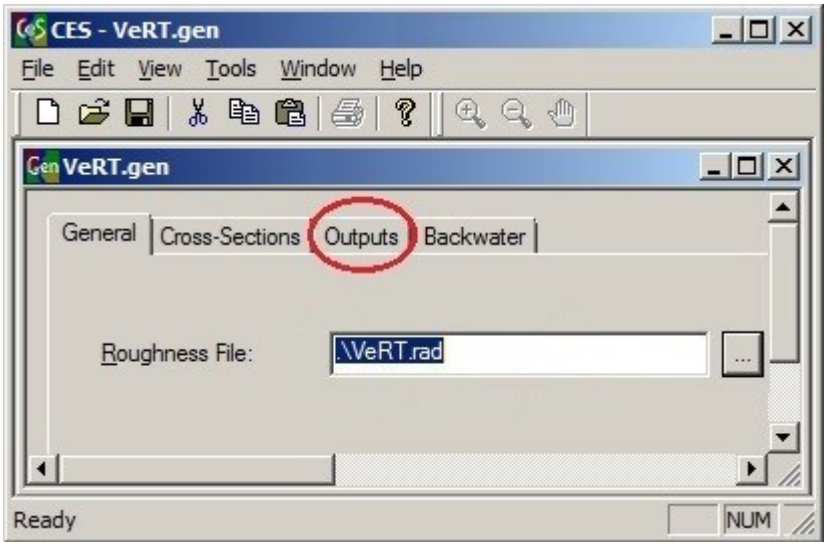
CES FRONT PAGE

Clicking the 'Load Data into CES' button will cause the tool to launch the CES software, if it knows where it is on your system. If it can't find it, you will be prompted to browse to the executable – this is the file called "ces.exe" that exists in the installation folder. Once this has been launched, you may see a startup window – if so, click "OK" to dismiss and will see the image below . Please check that the text **".\VeRT.rad"** appears in the box circled in RED:



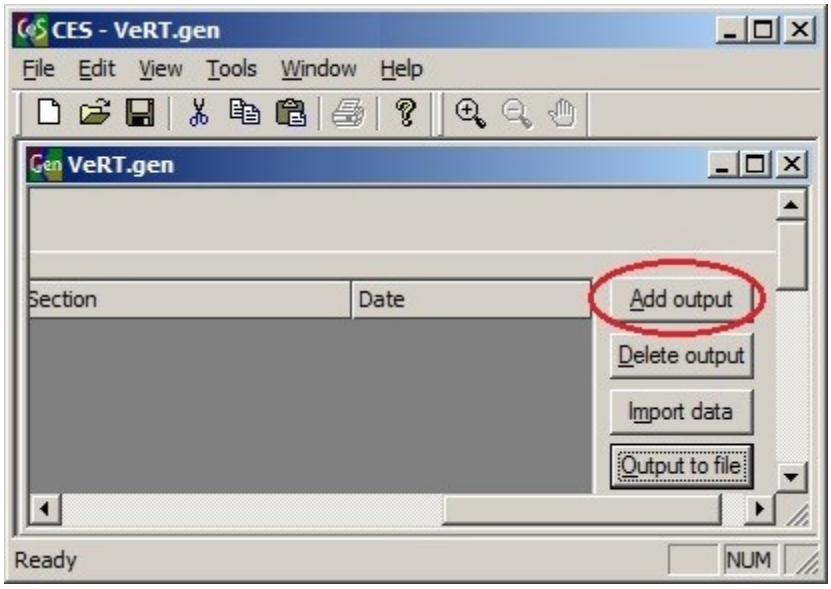
STEP I

Once CES has loaded correctly, click the 'Outputs' tab circled below – the view will change to show a standard graph with no lines plotted.



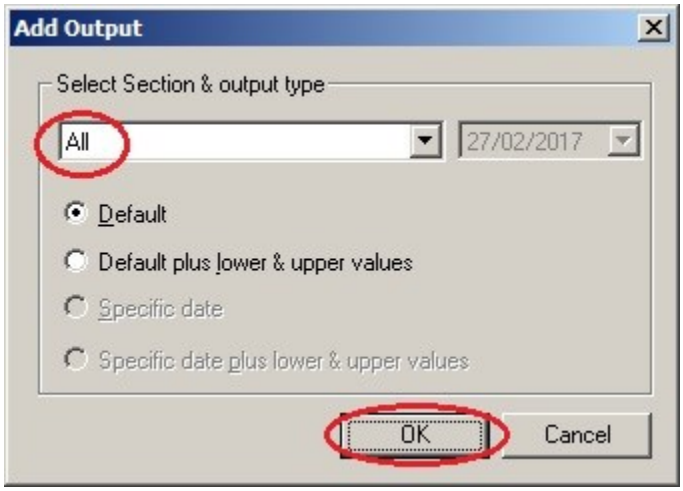
STEP II

On the FAR RIGHT of the Outputs tab are a column of buttons – these are shown below. Click the 'Add output' button – a dialog box will open:



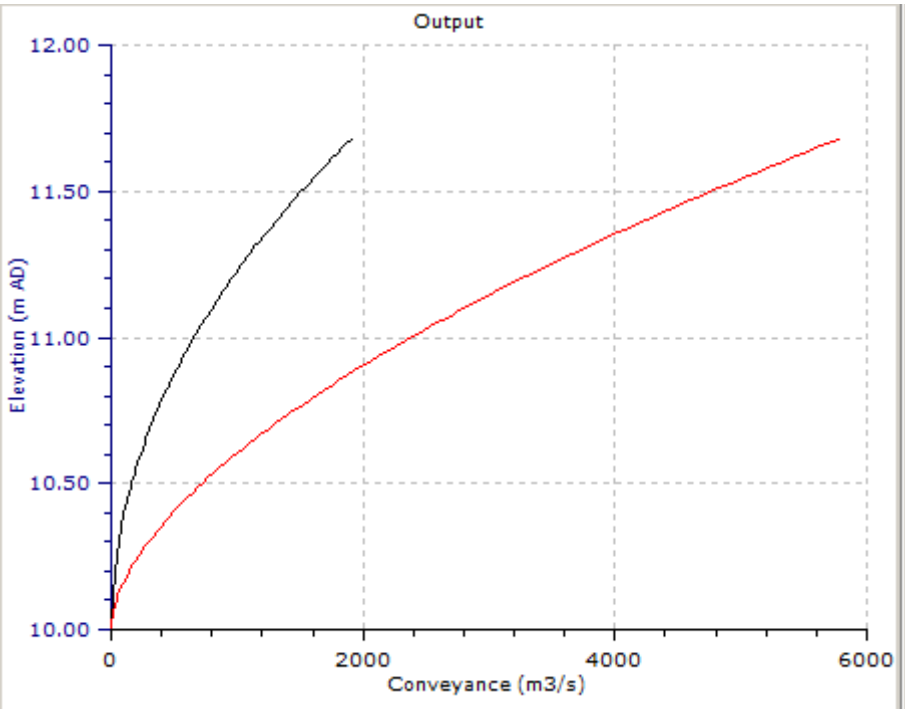
STEP III

In the dialog-box, make sure 'All' has been selected, and click the OK Button. The dialog box will disappear:



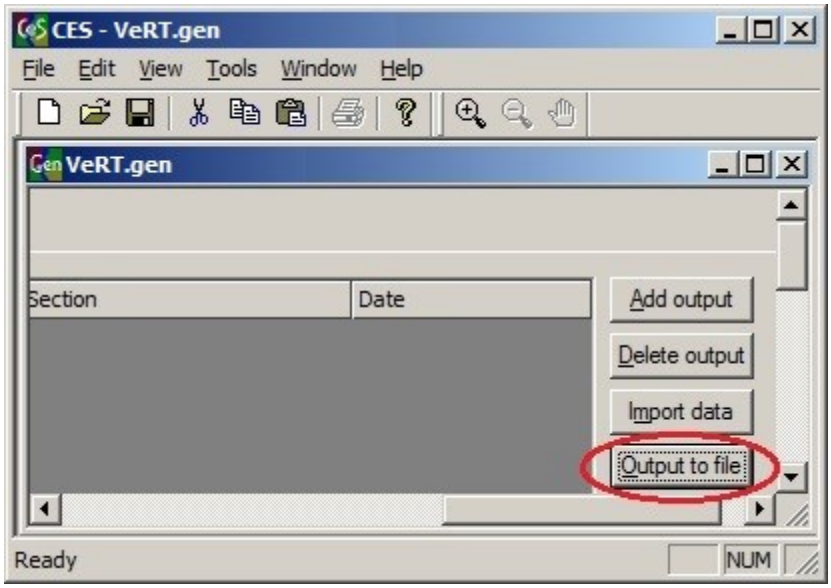
STEP IV

In the Outputs tab, there should now be 2 curves – one for a section called “Before Works” and the other for the section called “After Works”, which will be plotted in different colours:



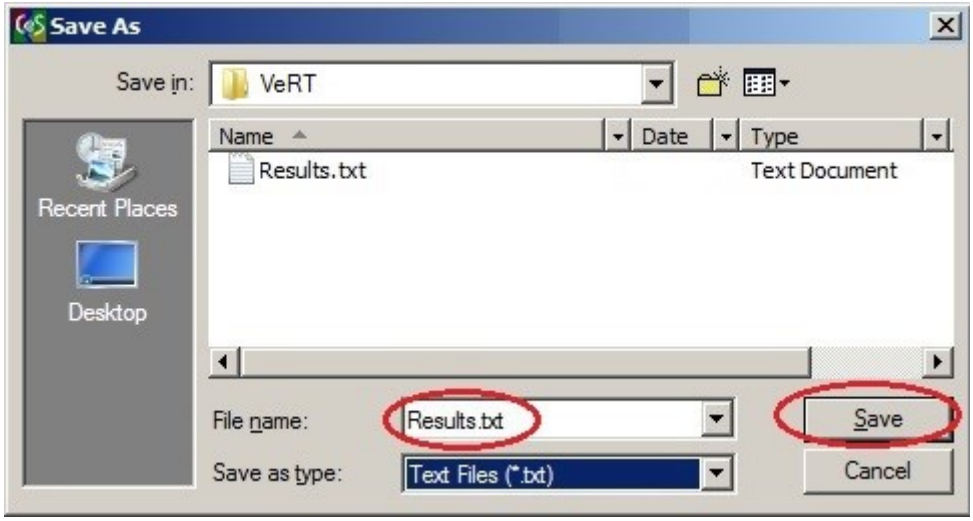
STEP V

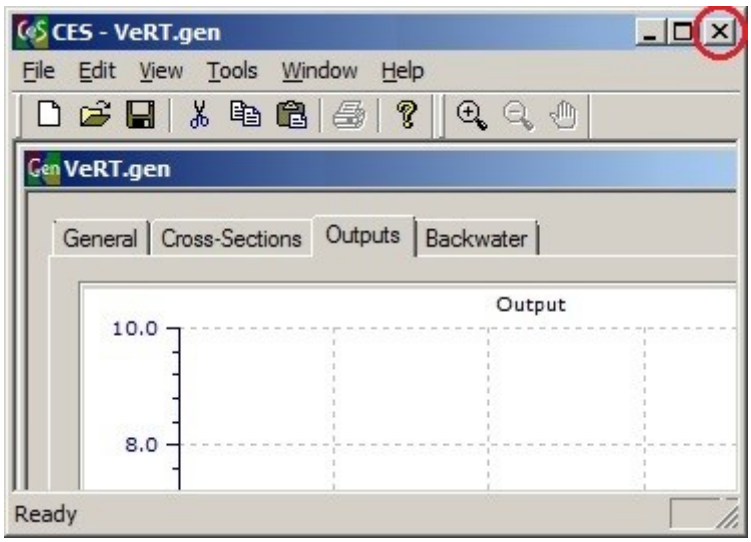
At this point, the data needs to be exported from CES. This is done using the ‘Output to file’ button at the bottom of the column at the right-hand side of the Outputs tab:



STEP VI

In the dialog box that opens, change the output file name to Results.txt and browse to the folder where the spreadsheet tool is being run from. Click the Save button once the appropriate data has been entered:



STEP VII

Once the data has been saved, close CES and press the Continue Button in the bottom right-hand corner of the VeRT userform to continue to the outputs of the tool: