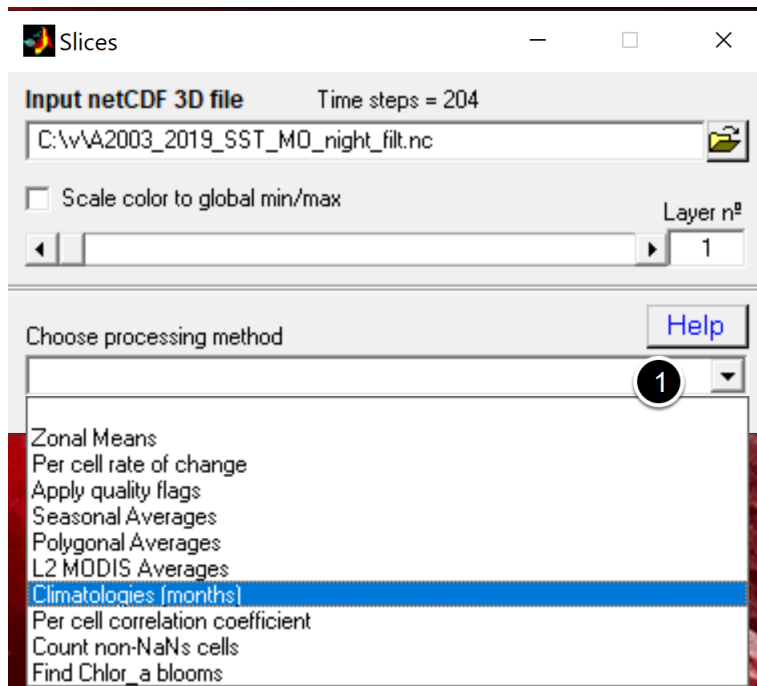


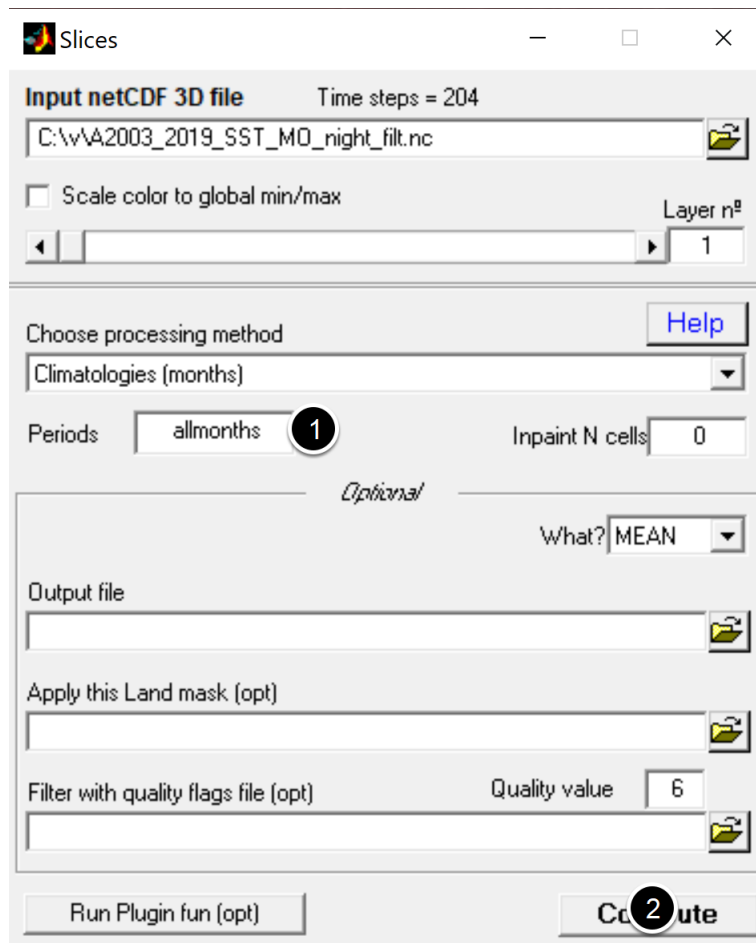
Compute month climatologies from a stack of SST montly means

Here we are going to compute the climatologies for all the months from the stack of 204 months (17 years) created previously. A month climatology is the average of that month across all the years.

Open the stack of montly SST data. Either the one from "Make a stack of MODIS files" Lesson or another similar one



When you open the stack SST monthly file besides the display of the first layer in file, there is also a smaller window to the right that looks like the above. This window let us select the layer to display (using the slider) and to select the processing method at (1). Here we are going to use the "Climatologies (months)".



(1) Hovering the mouse over the *Periods* box and reading the ToolTip we can see that we can either select the month for which we want to compute the climatology, or enter the keyword *allmonths* to compute all 12 climatologies at once. After entering that keyword the display changes to 101:112. Don't worry. Next hit (2) and provide a file name to hold the results. It is **highly** advisable to give a meaningful file name.