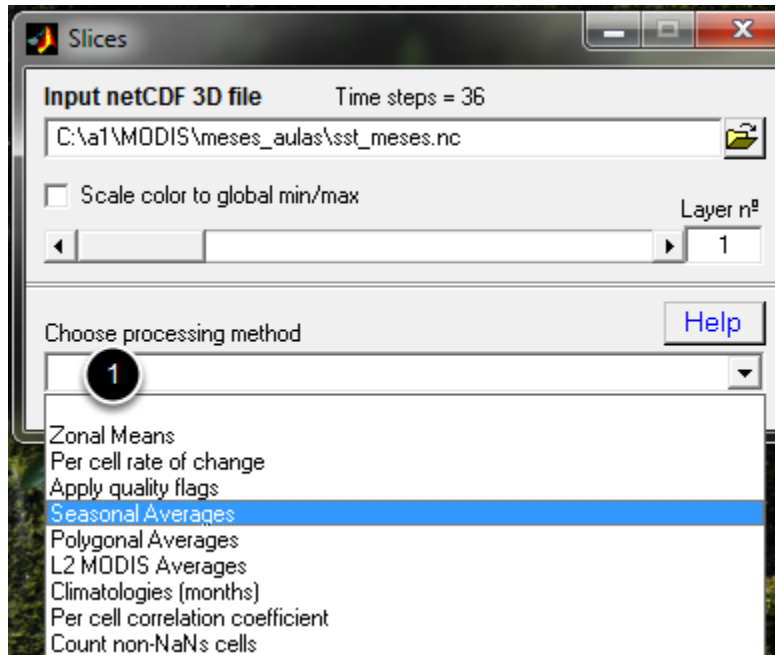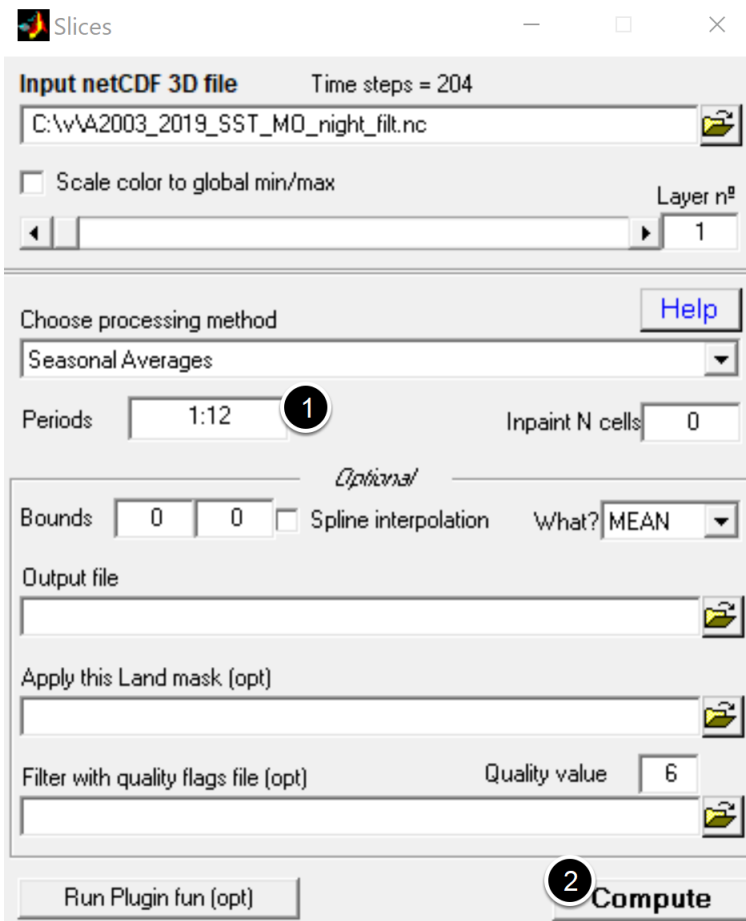# Compute anual means from a stack of SST montly means

Create stacks of seasonal averages (anual in this case)

> **Open the stack of montly SST data. For example the one created in "Make a stack of L3 MODIS files" Lesson**

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. That 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 "Seasonal Averages".

(1) Is the default setting and means compute averages over ensembles of 12, that is annual when layers are monthly data. At the end, hit (2) and provide a file name to save the result.
Note that this is an example on how to calculate the anual means, but the Periods box (when you hover the mouse it displays a useful tooltip) let us select also other periods: Sping, Summer, Autumn but not Winter because that crosses the year barrier.