Subject: subseting a 3D array based on values from a 2D array
Posted by eva.ivits-wasser on Fri, 07 Feb 2014 13:25:04 GMT

Hi everyone,

I have a 2D array (A) with dimensions of [ns,nl] (where ns=number of columns and nl=number of lines) and a 3D array (B) with dimensions of [ns,nl,nb] (where nb=number of bands). A is a classification image whereas B is a time-series, both have the same number of samples and lines.

I'd need to find a certain value in A, let's say 100 (which occurs several times) and then I want to subset those elements of B which "overlaps" with A, i.e. have the same position as A.

I've tried the where function but that gives me the one dimensional subscript of A and I don't quite manage to index B based on this subscript...

I've tried array_indices but did not get further with that either.

Any suggestions please?

Thanks,
Eva