Subject: Getting mean from HDF SD files - stack in envi or read into IDL array?
Posted by kathryn.davies1 on Fri, 04 Jul 2008 13:41:32 GMT

Hi

I am extremely new to IDL (2 weeks!) and have previously only used
envi on a small scale.

I want to read one SD dataset from from a each of a huge number of
MODIS files and having looked at IDL and envi batch routines can't
decide which is the best way. Bear in mind my limited knowledge and a
very short timeframe.... Should I write an envi batch programme and
create a big (3000bands +) envi file or should I put straight into the
an IDL array. I need to get a mean value (one image or array) and
even if it is easier in envi batch mode, would the routine
ENVI_SUM_DATA_DOIT with the Mean option deal with the missing
values???

Looking at IDL I have managed to open HDF file from command line, read
in appropriate data set to an array but how then could I build 3D
array from absolutely loads of 2D arrays.

Big questions I know - I am desperate to do this in a short time.

Any help on any aspect much appreciated.

K